

The background of the entire page is a red-tinted architectural rendering. It depicts a modern building interior with a sloped roofline and large glass panels. Several stylized human figures are shown walking through the space. The overall aesthetic is clean and contemporary.

# Get

# READY

Lighting  
Solutions

**LSI** TECSOLEDO

22  
—  
23

## Tecsoled. Get Ready V1

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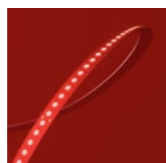
# ÍNDICE VISUAL

## VISUAL INDEX



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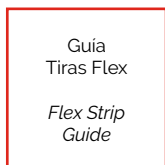
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24



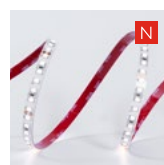
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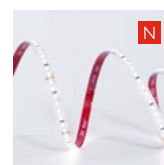
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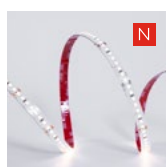
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46

### 42 High efficacy

### 58 Premium



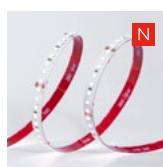
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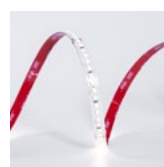
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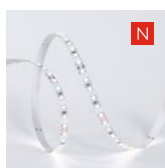
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### 66 Basic

### 76 Technical



66



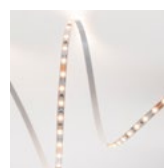
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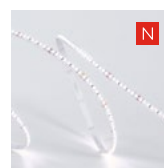
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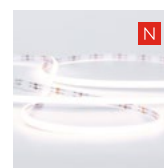
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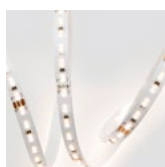
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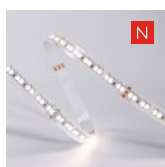
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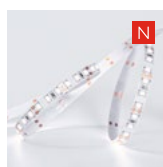
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90



92



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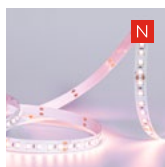
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100



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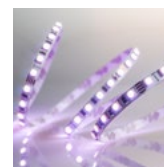
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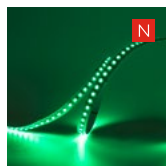


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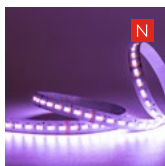
### 122 Accesorios / Accessories



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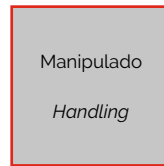
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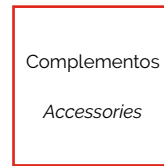
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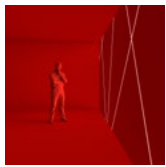


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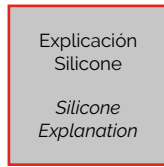
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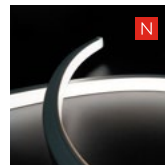
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130



132



134

NMT2015



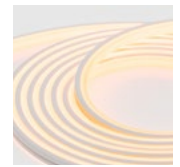
135

NNT1615



137

NMT1312



138

NMT1010

## 143 Giro lateral / Side bend



143

NMS1217



144

NMS0612



147

NTS0410



148

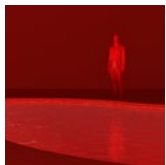
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NMD3D1515

## 154 Strip Water Led



154



156



160

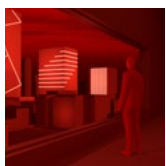
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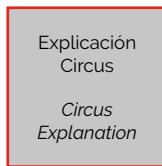
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NNS1224

## 164 Circus



164

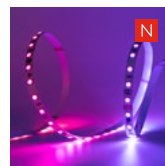


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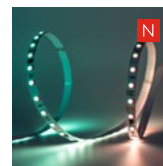
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RGB 5V



173

RGB 12V



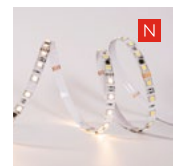
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RGB 24V



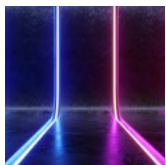
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RGBW



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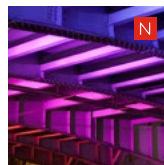
WHITE



179 NMT1312 RGB

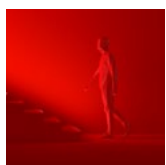


180 NMS1217 RGB



181 NNS1224 RGBW

## 182 Perfiles / Profiles



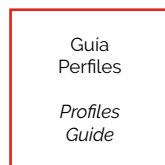
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184



186



188



190

TSL S9



192

TSL S7



193

TSL S14



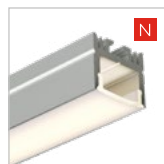
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TSL S8



198

TSL S15



200

TSL S15+



202

TSL S19



204

TSL S40



205

TSL S13N



206

TSL S10

## 189 Superficie / Surface

## 211 Flex



208 TSL P9

## 215 Empotrable / Recessed



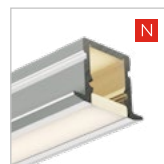
212 TSL SF1



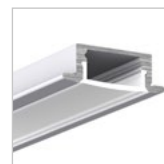
216 TSL E9



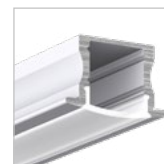
218 TSL D9



219 TSL E14



222 TSL E8

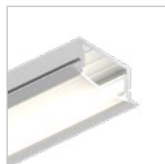


223 TSL E15

## 227 Trimless



225 TSL E12



226 TSL E13N



228 TSL T68R



230 TSL T68S



231 TSL T69R



232 TSL T70R



233 TSL T84

## 235 Esquina / Corner



234 TSL T21



236 TSL C06



238 TSL C9



240 TSL C18N



244 TSL W50



245 TSL W62



246 TSL D23

## 243 Pared y zócalo / Wall & skirting

## 249 Suelo y escalón / Floor & step



248 TSL D20



250 TSL V22



251 TSL V24



252 TSL V25



254 TSL F11



255 TSL F26



256 TSL F37

## 257 Especiales / Specials



258 TSL W1



260 TSL G36



261 TSL PL13



261 TSL PL20

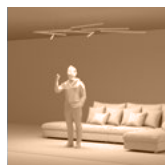


262 TSL Z300

## 264 Luminarias / Luminaires

## 266 Comparativa y explicación / Comparison & Explanation

## 272 LITE



272



274



276



279



282 TSL P52



283 TSL P52R



285 TSL P18N

## 281 Superficie y colgante / Surface & pendant



287 TSL P46R



292 TSL P48R



294 TSL P28



295 TSL P30



296 TSL P08

## 297 Empotrable / Recessed



298 TSL E52



299 TSL E52R



300 TSL E17N



303 TSL E45R



304 TSL E47R



306 TSL T52



307 TSL T18

## 305 Trimless

## 311 Esquina y pared / Corner & Wall



308 TSL T46



310 TSL T48

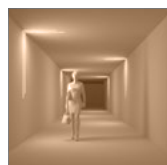


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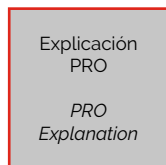


313 TSL W49

## 314 PRO



314



316



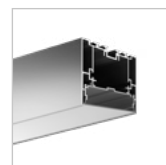
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322 LS3360



324 LS5470(F)



326 LS7977



330 LE5535



332 LE6935(F)

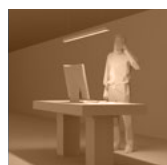


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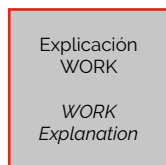


336 LT90

## 338 WORK



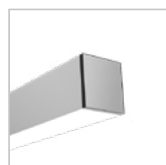
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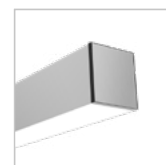
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346 TSL LH50



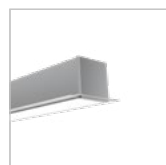
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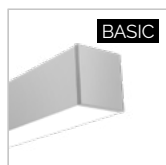
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354 TSL LH70



358 TSL LR70

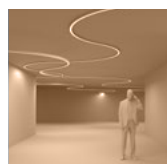


360 TSL P75R+



362 TSL E45R+

## 364 CURVE



364



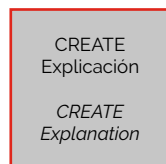
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370 AS3535



376 AH5060



378 TSL LH50



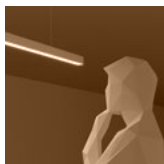
382 AS3535 MOD.



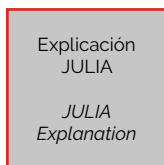
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## 386 JULIA N



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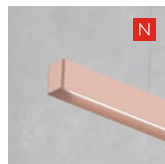


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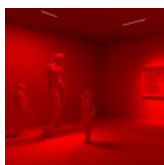
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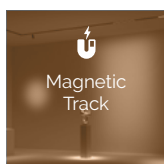
402

JULIA II

## 406 Track N



406



408



410



412

BS MTP



413

BR MTP



414

BC MTP



415

DOT



416

LINEAR



417

WALL WASHER



419

FOLD LINEAR



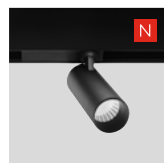
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FOLD DOT



421

ROUND



422

CYLINDER



424

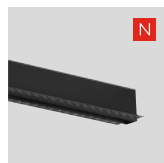
PENDANT

## 425 Magnetic Track 27mm



426

SS MTP



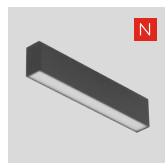
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SR MTP



428

DOT S



429

LINEAR S



430

FOLD DOT S



431

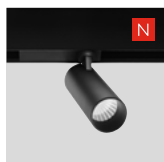
FOLD LINEAR S



432

ROUND S

## 435 Standard Track



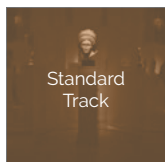
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CYLINDER S



434

PENDANT S



435



437

P48R



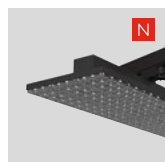
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R85



440

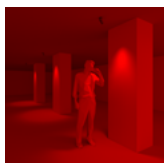
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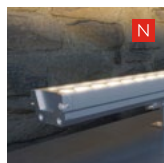
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PANEL

## 442 Arquitectural / Architectural N

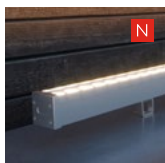


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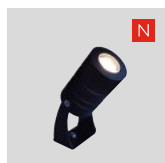
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WALLY



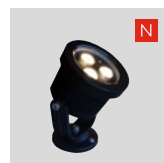
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WALLY S



446

SPOT R40



448

SPOT R100



449

SPOT B60



452

HRL 18R



454

HRL 18S



455

HRS M25



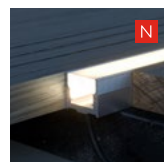
456

HRS S29



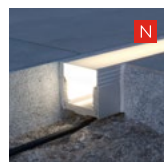
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UGD 35R



460

LF2218



462

LF2726

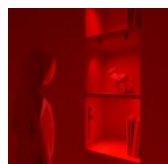


464

LF4035

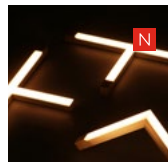


## 466 Producto / Product N

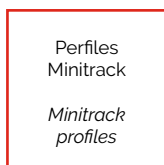


466

476 Link Flow



476 LINK FLOW



468

## 468 Minitrack



470

TL300



471

TG 300



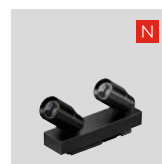
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TS02



473

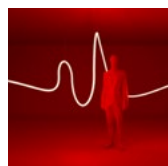
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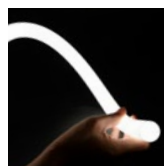
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TS03

## 478 Decorativa / Decorative N

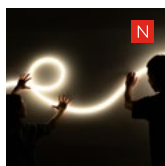


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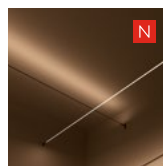
482

NNR25



484

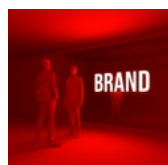
NNR18



486

SKYLINE

## 490 Módulos / Modules



490



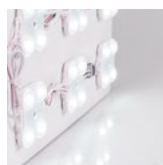
492

Guía Módulos  
Modules Guide



494

TSL QUID



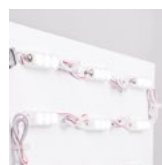
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TSL MASS



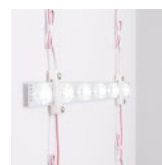
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TSL ARGO



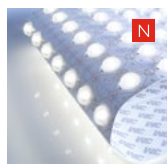
501

TSL ISON



502

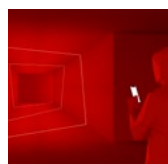
TSL RHAE



503

TSL SHEET

## 504 Control

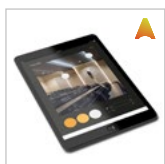


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506

ZIGBEE



508

CASAMBI



510

TSL 1009



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TSL 2501



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TSL DMX



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TSL SIMPLY



517

TSL AMPLI



518

TSL DALI



521

DALCNET



521

CONVER



522

TSL KNX



522

TSL SPI



523

TSL TIMER



523

TSL WHEEL



524

SWITCH

526 Fuentes / Power supplies



526



529 TSL LDR



529 TSL NGD



529 TSL BQR



529 TSL SCN



531 TSL HLG



531 TSL IDLV



531 TSL NDR



532 TSL APV



532 TSL HDR



532 TSL LPV



532 TSL LRS



533 TSL PWM



533 TSL RSP

534 Condiciones generales / General conditions



534



538







# Servicio universal

## *Universal service*

Nuestra historia está marcada por haber alcanzado metas que estaban más allá de la relación con nuestros clientes directos, al conseguir llegar a todos los agentes involucrados en la prescripción, distribución y la instalación. Tecsoled cuenta con un equipo de personas con una clara vocación de servicio, que pretende garantizar el éxito de todos los proyectos.

Con una potente y consolidada red de comercialización, actualmente nos centramos en fortalecer las áreas de diseño y consultoría, durante los procesos de elaboración de proyectos, y la formación y asistencia técnica para los profesionales que instalan nuestros productos.

Desde los inicios, la fabricación a medida y la alta calidad han sido los emblemas de nuestra empresa. Al trasladar esa filosofía a los procesos de diseño, conseguimos ofrecer servicios de personalización de producto creando proyectos únicos y exclusivos.

*What makes our story stand out is the fact that we have gone above and beyond the relationship with our direct clients to achieve goals, managing to reach all the actors involved in selection, distribution and installation. Tecsoled has a team of people with a clear vocation for service that aims to guarantee success in all of our projects.*

*With a powerful and consolidated trade network, we are currently focusing on strengthening the areas of design and consultancy during the project elaboration process, and training and technical assistance for the professionals that install our products.*

*Custom manufacturing and high quality have been the hallmarks of our company from the beginning. By bringing that philosophy to our design processes, we are able to offer product customisation services, creating unique and exclusive projects.*

# Un futuro internacional

*An international future*

Tecsoled ha tenido una visión global desde su creación. Nos sentimos cómodos en un mercado abierto y conectado alrededor del mundo. A través de nuestros colaboradores y clientes, estamos presentes en proyectos que se realizan a través de todo el mundo, adaptándonos a los perfiles de los consumidores y manteniendo nuestros altos estándares de calidad, tanto en productos como en servicio.

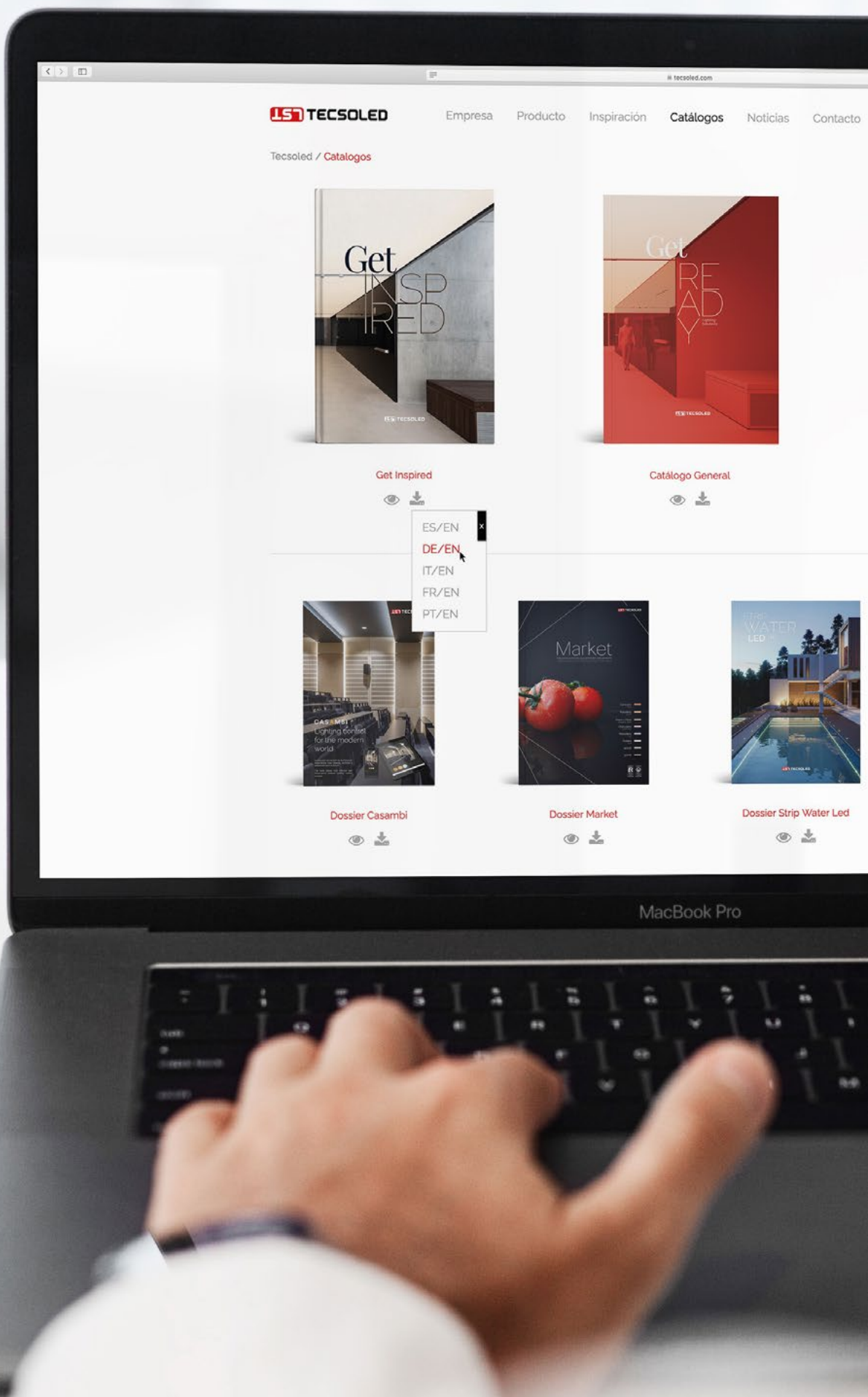
Los canales logísticos y de distribución se han actualizado para conseguir exportar nuestro modelo de negocio al exterior de nuestras fronteras. La relación es constante a través de los distintos departamentos involucrados en los proyectos, desde la dirección de los mismos hasta la necesidad de desarrollos de producto para cada mercado en particular.

Creamos herramientas para que la comunicación suponga una ayuda en el éxito de nuestro trabajo. El departamento de diseño y marketing ha desarrollado un modelo de trabajo multilinguaje que se adaptará a las necesidades de los mercados, comunicando de forma sencilla, abierta y adaptada a normativas internacionales.

*Tecsoled has had a global vision since its creation. We feel comfortable in an open market that is connected around the world. By means of our collaborators and customers, we are present in projects being carried out all over the world, adapting to the customers' profiles and maintaining our high quality standards, both in terms of our products and services.*

*Our logistics and distribution channels have been updated in order to enable us to export our business model overseas. The relationship is kept constant by the various departments involved in the projects, from their management to the need for project development on each individual market.*

*We create tools so that communication contributes to the success of our work. The design and marketing department has developed a multilingual working model that adapts to the needs of the markets, it is simply and openly connected and adapted to international regulations.*







# Innovación sin límites

*Limitless innovation*

En Tecsoled creemos en el uso de nuestro conocimiento para desarrollar nuevos productos y mejorar servicios y procesos de fabricación. De forma natural, nuestro trabajo evoluciona para satisfacer las necesidades crecientes de nuestros clientes. Los modelos de trabajo nos permiten introducir nuevas áreas relacionadas con el diseño y el desarrollo de técnicas que crean nuevos campos de negocio.

En la actualidad, la mayoría de productos o servicios que ofrecemos han sufrido, de una u otra forma, procesos de desarrollo. Estos impulsos son fruto de las necesidades de los clientes, de la evolución de las tecnologías y de la especialización que siempre ha caracterizado a nuestra empresa. El futuro inmediato de Tecsoled se basará en el desarrollo e innovación propios, evolucionando y diseñando nuevos productos, mejorando procesos de fabricación y adaptándonos a los nuevos modelos comerciales.

*At Tecsoled, we believe in the use of our knowledge to develop new products and improve services and manufacturing processes. Naturally, our work evolves to meet the growing needs of our customers. Our working models allow us to create new departments related to the design and development of techniques that create new fields of business.*

*Currently, most of the products and services we offer have undergone, in one way or another, a process of development. These changes are driven by the needs of the customers, the evolution of technology and the specialisation that has always characterised our company. Tecsoled's immediate future will be based on our own development and innovation, evolving and designing new products, improving manufacturing processes and adapting to new business models.*

# GUÍA GENERAL

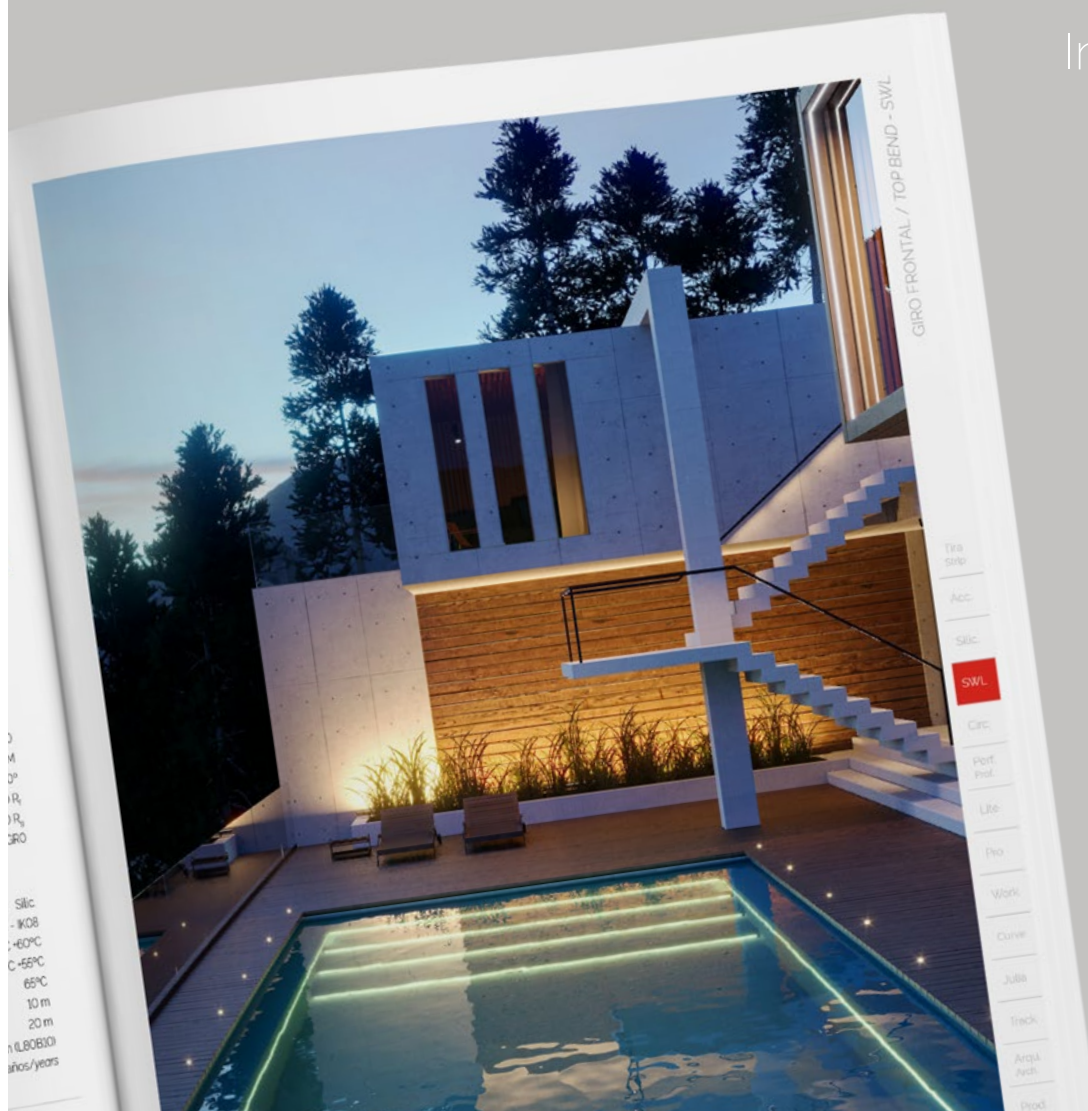
## GENERAL GUIDE

### Indicadores

#### Headers

El **índice lateral** indica los capítulos y el **indicador superior** la subsección

*The **side index** indicates the chapters and the **top indicator** the sub-section.*



### Capítulos

#### Chapters

Las portadas de capítulos ocupan doble página y se identifican por el **color rojo**.

*The title pages of each chapter take up a double page and are identified by the **colour red**.*

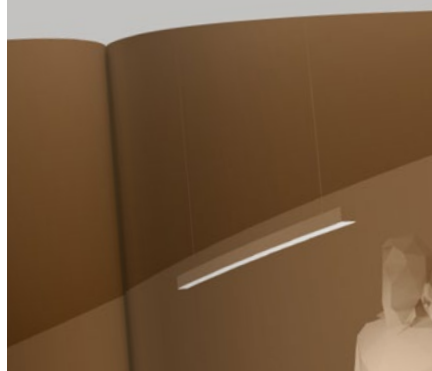


### Secciones

#### Sections

Ocupan doble página y se identifican por un **ocre oscuro**.

*The sections take up a double page and are identified by the colour **dark ochre**.*



### Subsecciones

#### Subsections

Las secciones que lo requieren se dividen por el tipo de instalación, en **ocre claro**.

*Sections that so require are divided by installation type, which are identified by the colour **light ochre**.*





## Tablas comparativas

### Comparative tables

Las encontrarás al principio de cada capítulo, con los datos más importantes de cada producto.

*You will find them at the beginning of each chapter, with the most important data for each product.*

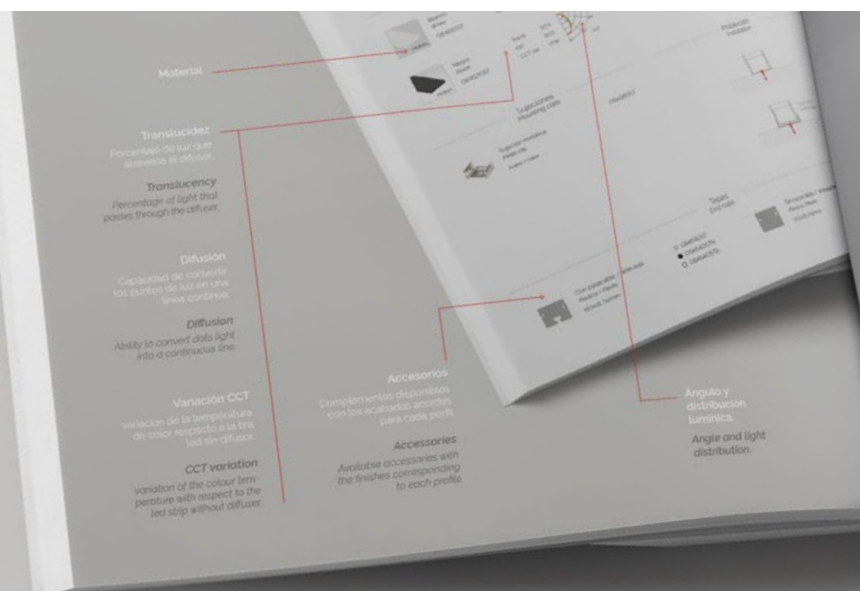
| Modelo<br>Model      | Pág.<br>Page | Detalle<br>Detail | Tamaño<br>Size | Largo<br>Length | Instal.<br>Install | Lacado stock<br>Lacquered stock | Acabado<br>Finish |
|----------------------|--------------|-------------------|----------------|-----------------|--------------------|---------------------------------|-------------------|
| TSL S9<br>08460009   | 120          |                   | 78 x 9 mm      | 2 m             |                    |                                 | 20                |
| TSL S7<br>08460004   | 121          |                   | 10 x 10 mm     | 2 m             |                    |                                 | 20                |
| TSL S14<br>08460005  | 122          |                   | 14,5 x 15,7 mm | 2 m             |                    |                                 | 20                |
| TSL S8<br>08460002   | 124          |                   | 171 x 8 mm     | 2/3 m           |                    |                                 | 20                |
| TSL S15<br>08460004  | 125          |                   | 171 x 15,3 mm  | 2/3 m           |                    |                                 | 20                |
| TSL S15+<br>08460004 | 126          |                   | 171 x 17,1 mm  | 2 m             |                    |                                 | 20                |
| TSL S19<br>08460007  | 128          |                   | 19,5 x 15,7 mm | 2 m             |                    |                                 | 20                |
| TSL S40<br>08460040  | 130          |                   | 20,3 x 19,7 mm | 2/3 m           |                    |                                 | 20                |
| TSL S13N<br>08460009 | 131          |                   | 23,5 x 12,8 mm | 2 m             |                    |                                 | 20                |
|                      |              |                   | 10 x 13 mm     | 2m              |                    |                                 | 20                |

## Guías explicativas

### Explanatory guides

Podrás encontrar una guía al principio de algunos capítulos con las claves para interpretarlos mejor.

*You will find a guide at the beginning of each chapter with key aspects to help you navigate it.*

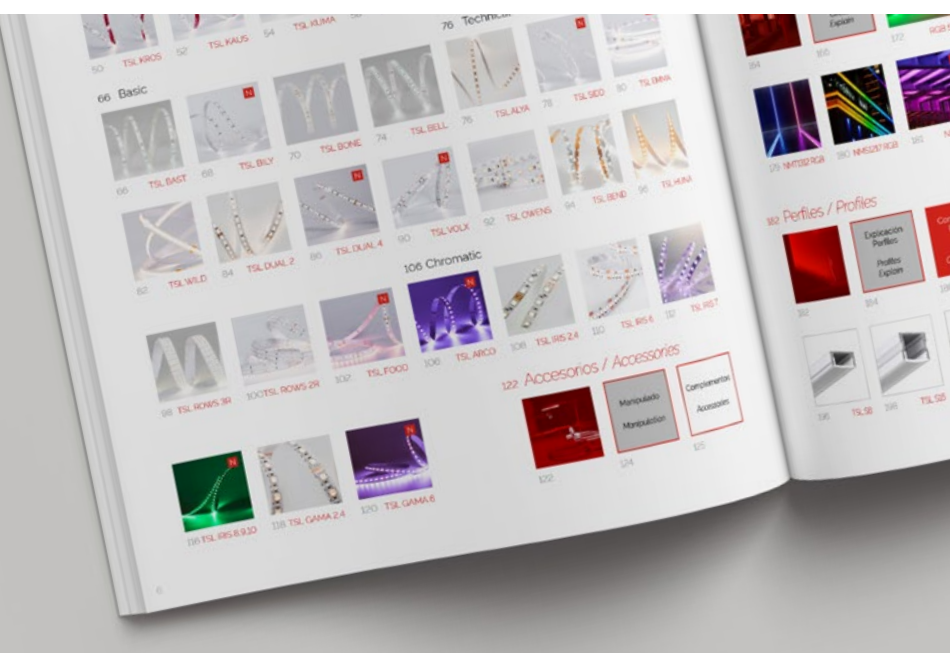


## Índice visual productos

### Product visual index

Al comienzo del catálogo puedes encontrar un índice visual de todo el catálogo con las páginas de cada producto.

*At the beginning of the catalogue, you will find a visual index of all its contents with each product page.*



# SIMBOLOGÍA

## LIST OF SYMBOLS



**Tira flexible con protección IP20.**  
*Flexible strip with IP20 protection.*



**Tira con protección IP65 con recubrimiento de tubo de silicona.**  
*Strip with IP65 protection and silicone tube covering.*



**Tira con protección IP65 con recubrimiento de tubo de silicona y laterales reflectores blancos**  
*IP65 protection strip with silicone tube coating and white reflector sides*



**Tira con protección IP67, acabado total de resina PU.**  
*Strip with IP67 protection and PU resin finish all around.*



**Control RGB:** Reproduce los colores rojo, verde y azul consiguiendo millones de combinaciones.

*RGB control: It reproduces the colours red, green and blue, achieving millions of combinations.*



**Control RGBW:** Combina todo el espectro del RGB con la posibilidad de añadir tonos pastel gracias al canal blanco cálido.

*RGBW control: It combines the entire RGB spectrum with the possibility of adding pastel tones thanks to the warm white channel.*



**Control White:** Control monocolor con funciones de regulación y encendido/apagado.

*White control: Single-colour control with regulation and switch on/off functions.*



**Control CCT:** Variación de temperatura de color y regulación, con rango de 2700K a 6000K.

*CCT control: Colour temperature variation and regulation, with a range from 2700K to 6000K.*



**Tensión de funcionamiento del producto.**  
*Product operating voltage.*



**Potencia media** consumida por metro de una tira flexible.  
*Average power consumption per metre of a flexible strip.*



**Densidad de led:** cantidad por metro en tiras flexibles.  
*LED density: Amount per metre of flexible strip.*



**Flujo luminoso:** Potencia luminica emitida por 1 m. de tira  
*Luminous flux: Light energy emitted per metre of flexible strip.*



**Distancia de corte** mínima de una tira flexible.  
*Minimum cutting distance for a flexible strip.*



**Pasos de McAdam**  
*McAdam steps*



**Ángulo de apertura** del haz de luz.  
*Aperture angle for the light beam.*



**IP20:** Evita la entrada de grandes objetos.  
*IP20: It prevents the entry of large objects.*



**IP42:** Protegido contra la entrada de cualquier objeto y goteo de agua.  
*IP42: Protected against the entry of any object and water dripping.*



**IP65:** Resiste la entrada de chorros de agua.  
*IP65: Resistant to water jet entry.*



**IP66:** Protección frente a inmersiones en agua breves.  
*IP66: Protection against brief immersion in water.*



**IP67:** Protección frente a inmersiones en agua breves.  
*IP67: Protection against brief immersion in water.*



**IP68:** Capaz de resistir inmersiones completas y continuadas en agua.  
*IP68: Able to withstand complete and prolonged immersions in water.*



**Índice de reproducción cromática:** Capacidad de una fuente de luz para mostrar los colores de una manera real, con un rango de 0-100 tomando como referencia la luz natural.  
*Colour rendering index: Ability of a light source to reproduce colours realistically in a range from 0 to 100 compared to natural light.*



**UGR:** Índice de Deslumbramiento Unificado.  
*UGR: Unified Glare Rating.*



**LM80:** Prueba estandar internacional para la medida de la depreciación luminica.  
*LM80: International standard test for the measurement of light depreciation.*



**Temperatura de color:** Indicador de temperatura de color de la fuente de luz con un rango de +/- 200K.

**Colour temperature:** Colour temperature indicator for the light source within a +/- 200K range.

**Eficiencia energética:** Nivel de eficiencia según la normativa de ecodiseño europeo ErP (Energy Related Product).

**Efficiency level:** according to the European ErP (Energy Related Product) eco-design standard.



**Tipo de led**  
LED type



**Años de garantía**  
Years warranty



**Permite Control por radiofrecuencia**  
Allows control via radio frequency



**Permite control mediante conexión bluetooth**  
Allows control via Bluetooth connection



**Protocolos internacionales de control lumínico.** Más información en la sección de controladores.  
*International lighting control protocols. Find out more in the controllers section.*



**Sistemas de variación de intensidad** adaptados a las especificaciones de cada producto, desde dimming mediante pulsos (PWM), atenuación de intensidad o modos analógicos (0-10V).  
*Intensity regulation systems adapted to the specifications of each product, including pulse with modulation (PWM) dimming intensity reduction and analogue modes (0-10 V).*

## Tipos de instalación

Mounting type



**Superficie**  
Surface



**Colgante**  
Pendant



**Cristal**  
Glass



**Track**  
Track



**Empotrable**  
Recessed



**Esquina**  
Corner



**Escalón**  
Step



**Wallwasher**  
Wallwasher



Perfil fijación empotrable en suelo. **Soporta la pisada.**  
*Floor embedded mounting profile. Bears the weight of the footsteps.*



**IK: Protección contra impactos**  
*IK: Impact protection*

## Tipos de emisión

Lighting type



**Inferior**  
Downward



**Inferior y superior**  
Downward & Upward



**Exterior**  
Outward



**Interior**  
Inward



**Exterior e interior**  
Outward & Inward



**Doble**  
Double



**Giro lateral.** Silicone  
*Side bend. Silicone*



**Giro frontal.** Silicone  
*Top bend. Silicone*



Compatible con **Magnetic Track**  
*Magnetic Track suitable*



**Interconexión:** Perfiles y luminarias óptimos para realizar uniones y composiciones complejas.  
*Interconnection: Optimal profiles and luminaires for complex connections and compositions.*



**Sensor de presencia**  
*Occupancy sensor*



**Sensor de apertura**  
*Opening sensor*



**Customizado:** Posibilidad de determinar el color del producto  
*Custom: Possibility of specifying the product's colour.*



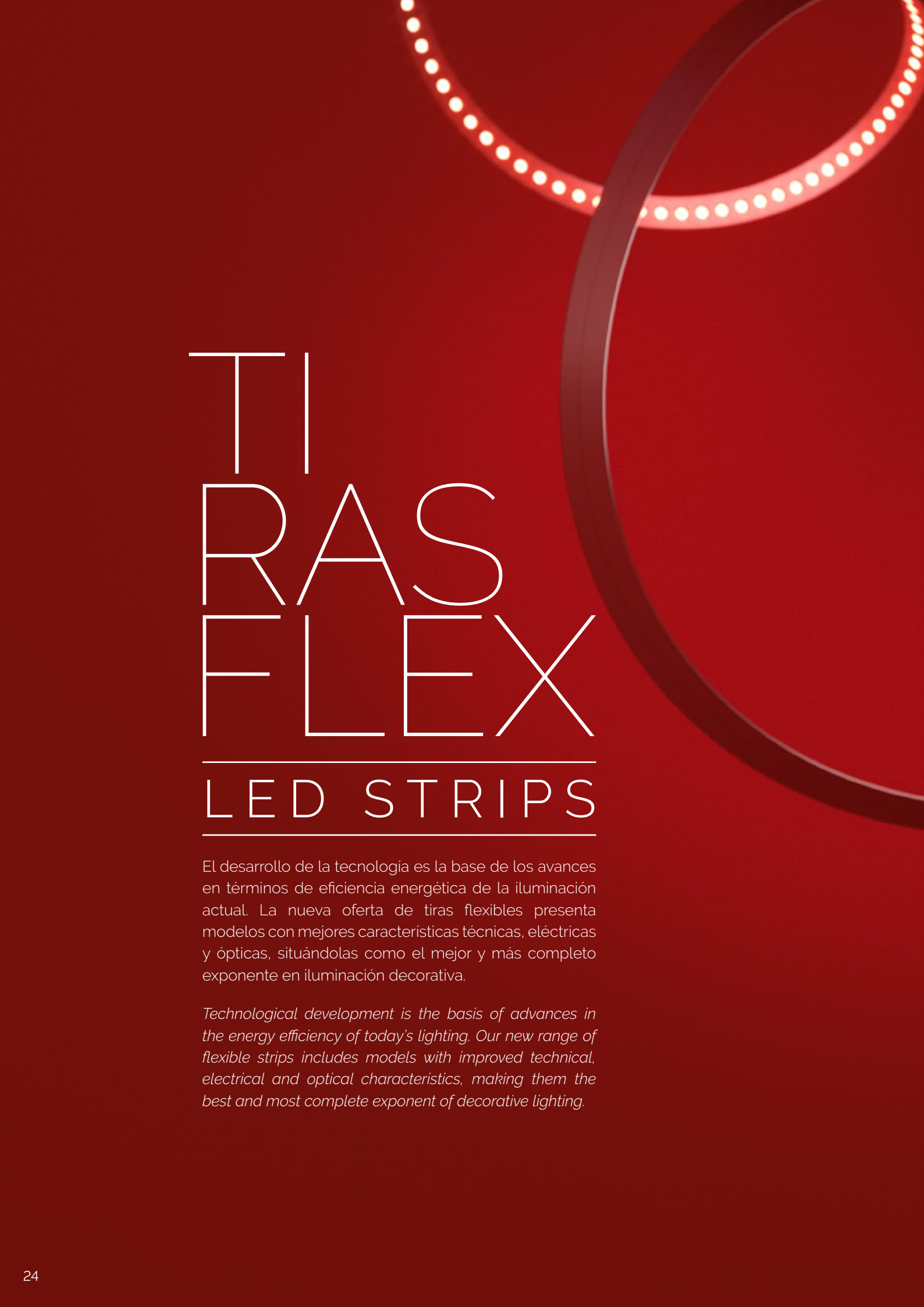
**Tamaño customizable**  
*Custom size*



**Stock en lacado:** Disponibilidad de lacados blanco y negro en stock.  
*Lacquered stock: Availability of white and black lacquering in stock.*







# TIRAS FLEX

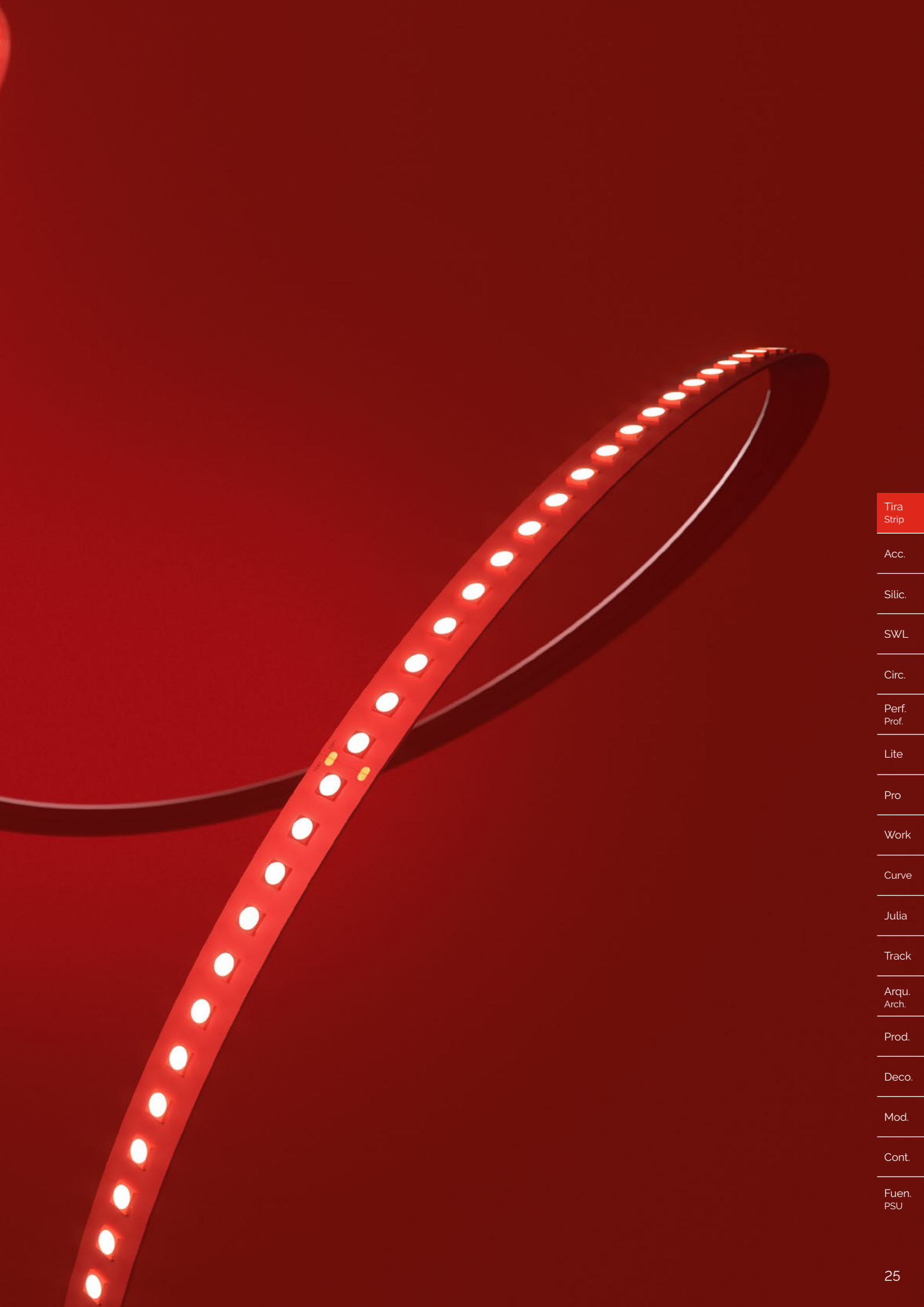
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## LED STRIPS

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El desarrollo de la tecnología es la base de los avances en términos de eficiencia energética de la iluminación actual. La nueva oferta de tiras flexibles presenta modelos con mejores características técnicas, eléctricas y ópticas, situándolas como el mejor y más completo exponente en iluminación decorativa.

*Technological development is the basis of advances in the energy efficiency of today's lighting. Our new range of flexible strips includes models with improved technical, electrical and optical characteristics, making them the best and most complete exponent of decorative lighting.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# Los fundamentos de la iluminación LED de alta calidad

## *The principles of high-quality LED lighting*

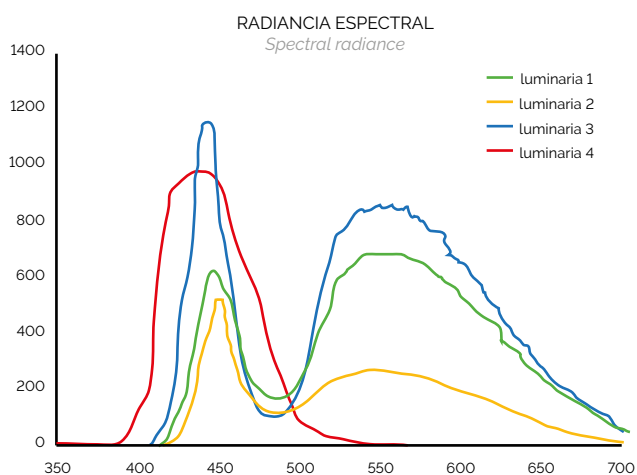
Una iluminación de alta calidad depende siempre de las exigencias de la aplicación. Las ideas que se utilicen para iluminar los espacios deben satisfacer necesidades humanas, económicas y del medio ambiente. Los productos deben cumplir estándares altos de calidad que tengan una base de estudio profesional, precisa y continua en el tiempo. Así, los fabricantes podremos dotar de herramientas a los diseñadores para lograr proyectos que reflejen las mejores prácticas y las tecnologías más actuales.

Tecsoled permanece en la vanguardia de la tecnología LED desde los inicios de la empresa, incorporando las novedades más destacadas de forma constante. Tras más de 15 años, nuestro porfolio de tiras LED es capaz de abarcar toda la oferta del mercado actual destacando por su alta calidad.

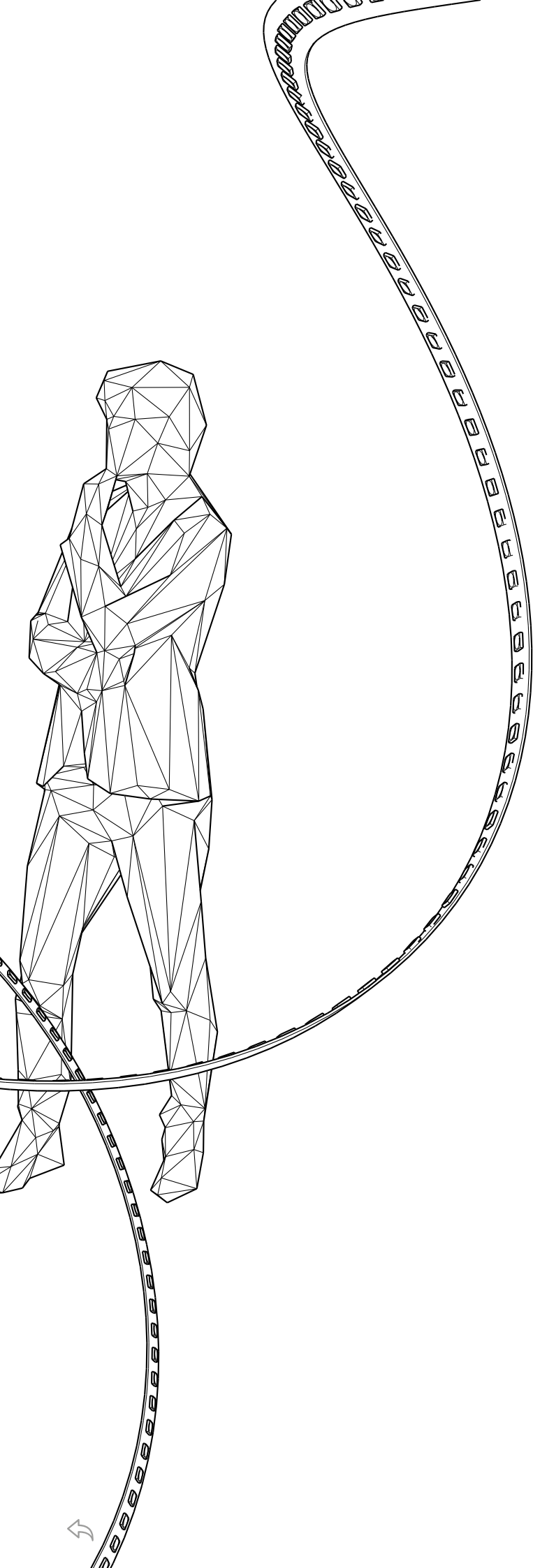
La adopción de estándares de diseño y normativas internacionales junto con la inversión en equipo técnico y humano ha propiciado que el desarrollo de producto evolucione a un ritmo mayor del que lo había hecho hasta el momento. Estas acciones han permitido que podamos descomponer todos los agentes implicados en el proceso de desarrollo, fabricación y personalización de tiras flexibles. De este modo, podemos presentar un catálogo renovado, que tiene como objetivo estar a la cabeza del mercado nacional e internacional en términos de variedad de oferta, calidad e innovación.

*High-quality lighting always depends on the demands of the application. The concepts that are used to light spaces should meet human, economic and environmental requirements. The products must meet high quality standards based on an accurate and ongoing professional study. This allows us, the manufacturers, to provide the designers with the tools required to produce products that comply with best practices and include the latest technology.*

*Tecsoled has been at the cutting edge of LED technology since the company's foundation by constantly adopting the latest innovations. After more than 15 years, our portfolio of LED strips, which is characterised by its high quality, covers the whole range of products currently on the market.*



*Our adoption of international design standards and regulations together with investments in equipment and staff has led to the product developing at a greater rate than ever. These actions have allowed us to analyse all the actors involved in the process of the development, manufacture and customization of flexible strips, meaning we are able to present an updated catalogue. We aim to be a leader on the national and international market in terms of our variety of products, quality and innovation.*



## Necesidades humanas

El fin fundamental de la iluminación es el de permitir la visibilidad y el desempeño de tareas. Ha sido necesaria una compleja evolución tecnológica para conseguir altos rendimientos aplicados a tiras LED estables y duraderas.

TecsOLED ha logrado desarrollar tiras mono-lineales que superan los 4.000 lúmenes, gracias a la mejora de los chips que forman el LED y la incorporación de elementos electrónicos de control de intensidad y temperatura que consiguen aprovechar al máximo la naturaleza de los componentes, reduciendo la capacidad no utilizada y manteniendo un control constante.

Con el aumento de la intensidad luminica emitida por las tiras, ha sido necesario adoptar mecanismos de control ya existentes en otro tipo de productos LED. La seguridad fotobiológica, que depende de la radiación peligrosa en ciertos rangos de longitud de onda e iluminancias altas, debe ser controlada mediante métodos de prueba fotométricos. El laboratorio lumínico de Tecsoled realiza pruebas basadas en las normativas europeas para comprobar la seguridad de nuestros productos. Nuestras tiras no suponen ningún daño para los seres humanos debido al bajo componente azul de la luz emitida y la aplicación real de las tiras como elemento a incorporar en luminarias.

## Human needs

*The fundamental purpose of lighting is to allow visibility and facilitate the performance of tasks. Complex technological evolution was required to achieve high-performance, stable and long-lasting LED strips.*

*TecsOLED has managed to develop single-line LED strips that emit over 4,000 lumens, thanks to improvements in the chips that form the LED and the inclusion of electronic intensity and temperature control parts that allow the nature of the components to be fully exploited, reducing the unused capacity and maintaining constant control.*

*With the increased luminous intensity emitted by the strips, it was necessary to adopt control mechanisms that already existed in other types of LED product. Photobiological safety, which is jeopardised by dangerous radiation in certain ranges of wavelength and high illuminance levels, must be controlled using photometric testing methods. Tecsoled's luminance laboratory carries out tests based on the European regulations in order to verify the safety of our products. Our strips pose no risk to human beings because of the low blue component of the light emitted and the practical application of the strips as a component included in luminaires.*

Además de que la luz permita llevar a cabo tareas, es importante haber entendido el efecto que puede crear en el estado anímico de las personas y en el confort visual. La renovación de nuestros modelos de tiras LED no han dejado de lado el amplio abanico de posibilidades respecto al rango de temperaturas de color, que se sitúa entre 1800K y 6000K, y la variedad de colores ofrecida. Este juego de tonos permite a los diseñadores iluminar con la calidez o frialdad deseados.

En un ámbito distinto a la respuesta emocional anterior, pero íntimamente relacionado, se sitúa la necesidad de dar sentido a nuestra información visual, recibiendo de forma coherente las formas, sombras y, sobre todo, colores de los objetos iluminados.

Tecsoled incorpora a la serie Premium un nuevo extracto de modelos que poseen una reproducción cromática de espectro total, especialmente diseñadas para aplicaciones donde la respuesta fotocromática es crucial.

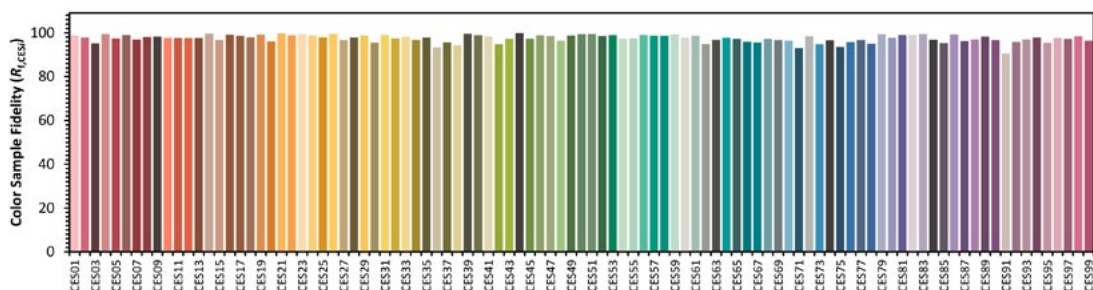
Los organismos internacionales de control no son ajenos a los cambios de nuestra industria y nos brindan nuevas herramientas con las que evaluar los parámetros de la reproducción del color de fuentes de luz. El TM-30-15 es una mejora significativa con respecto a los métodos anteriores de análisis y consignación de la reproducción cromática complementando y perfeccionando el limitado sistema actual.

*In addition to the fact that light facilitates the performance of tasks, it is important to understand the effect it can have on people's state of mind and on visual comfort. The updating of our LED strip models includes a wide range of options in terms of both colour temperatures, ranging from 1800K to 6000K, and the variety of colours available. This set of colours allows designers to illuminate projects with the desired warmth or coolness.*

*Slightly different to the above-mentioned emotional response, but closely related to it, is the need to provide meaning to visual information, such that we coherently receive the shapes, shadows and, above all, colours of the objects being illuminated.*

*Tecsoled's Premium series includes a new line of models with full-spectrum chromatic reproduction, specially designed for applications where photochromic response is crucial.*

*International control bodies monitor changes in our industry and provide us with new tools for evaluating the parameters of colour reproduction from light sources. TM-30-15 is a significant improvement in terms of previous methods of analysis and provision of chromatic reproduction, complementing and perfecting the current limited system.*



Este método utiliza muestras de evaluación de color uniformemente distribuidas en el modelo de color más reciente y estandarizado y que tiene reflectancias distribuidas uniformemente en las longitudes de onda visibles. Así, proporciona dos índices para evaluar la representación cromática utilizando 99 objetos del mundo real que representan el rango de todos los colores posibles en objetos.

*This method uses samples of colour evaluation uniformly distributed in the most recent standardised colour model, where reflectances are uniformly distributed across the visible wavelengths. Thus, it provides two indexes for evaluating chromatic representation using 99 real-world objects that represent the range of all possible colours on objects.*



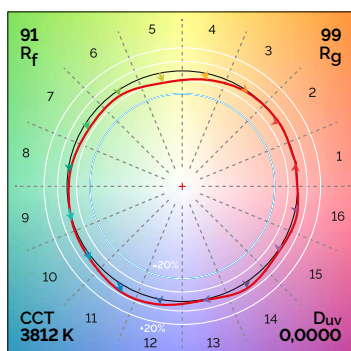
**R<sub>f</sub>** Es un índice de fidelidad análogo al CRI, aunque utiliza 99 colores de muestra y corrige algunos de los problemas matemáticos con los que contaba. La escala R<sub>f</sub> es de 0 a 100, donde un valor de 100 describe una luz de prueba que reproduce las 99 muestras de forma igual que la fuente de referencia.

**R<sub>g</sub>** Es un índice de espectro que describe el aumento o la disminución promedio de la saturación de los 99 colores de muestra. Un valor R<sub>g</sub> de 100 representa, en promedio, un nivel de saturación idéntico comparado con el de referencia. Los valores R<sub>g</sub> por debajo de 100 representan una disminución promedio en la saturación, mientras que los valores R<sub>g</sub> por encima de 100 representan un aumento promedio en la saturación.

Añadir un índice de espectro proporciona a los diseñadores cierta información acerca de por qué el grado de fidelidad de una fuente de iluminación es inferior a 100.

Los informes de prueba incluidos en la información técnica de nuestras tiras incluyen gráficos con información detallada sobre cambios específicos en la reproducción cromática entre las fuentes de luz de prueba y la de referencia. El gráfico de distorsión de color es especialmente útil para aplicaciones donde la reproducción cromática es de vital importancia.

Vector gráfico de color  
Colour vector graphic



La línea negra representa el valor de saturación óptimo, toda medición que esté por encima de esa línea tendrá una saturación mayor en ese color y una saturación menor si esta por debajo.

*The black line represents the optimum saturation value, all measurements above that line will have a greater saturation in that colour and a lesser saturation if it is below it.*

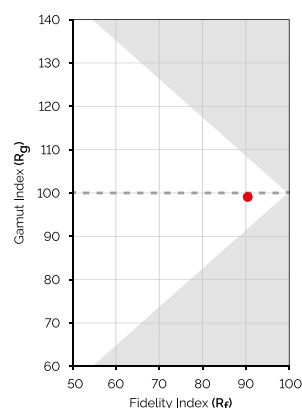
*R<sub>f</sub> is a fidelity index similar to CRI, but it uses 99 sample colours and corrects some of its mathematical issues. The R<sub>f</sub> scale ranges from 0 to 100, where a value of 100 describes a test light that reproduces the 99 samples just as the reference light source does.*

*R<sub>g</sub> is a spectrum index that describes the average increase or reduction in the saturation of the 99 sample colours. An R<sub>g</sub> value of 100 represents, on average, a level of saturation identical to that of the reference. Values of R<sub>g</sub> under 100 represent an average reduction in saturation, while values of R<sub>g</sub> over 100 represent an increase in saturation.*

*Adding a spectrum index provides designers with information on why the level of fidelity of a light source is below 100.*

*The test reports included in the technical information on our strips include graphics with detailed information on specific differences in chromatic reproduction between the test and reference light sources. The colour distortion graphic is particularly useful for applications where chromatic reproduction is of crucial importance.*

Fidelidad y gama  
Fidelity and gamut



El gráfico representa la relación entre la fidelidad de la luz y la saturación, el valor óptimo estaría representado por el punto rojo en el vértice del triángulo.

*The graphic represents the relationship between the fidelity of the light and the saturation, the optimum value is represented by the red dot in the corner of the triangle.*

# Diseño, economía y medio ambiente.

*Design, economy and environment.*

Los desarrolladores de Tecsoled tienen en cuenta las tendencias de mercado que atienden las necesidades de los diseñadores e instaladores, y conocen de primera mano las novedades que los fabricantes aportan a los productos. Es en ese encuentro entre fabricantes y usuarios donde debemos trabajar activamente, ya que los sensibles cambios de nuestras tiras pueden suponer una adaptación más correcta o una mejora técnica o estética.

Los modelos de tiras flexibles que cuentan con procesos de protección contra la humedad están fabricados mediante un proceso llamado tecnología de extrusión de silicona con el que se obtienen productos más resistentes, estables, con mayor vida útil y una emisión luminica sin cambios.

*Tecsoled designers consider the market trends that meet the demands of designers and installers, and discover first-hand the innovations that manufacturers add to their products. It is in that crossover between manufacturers and users where we have to work actively, as slight changes to our strips can lead to a more suitable adaptation or a technical or aesthetic improvement.*

*The models of flexible strips that undergo humidity protection processes are manufactured by means of a process called silicon extrusion technology which leads to products that are more resistant and stable, and have a longer service life and unchanged light emission.*

Dimensiones según potencia  
Dimensions according to power

|        |  IP 20   N |  IP 65   H |  IP 67   E |
|--------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| < 15w  | 8mm                                                                                           | 12mm                                                                                          | 12mm                                                                                            |
| 15-20w | 10mm                                                                                          | 14mm                                                                                          | -                                                                                               |
| > 20w  | 12mm                                                                                          | -                                                                                             | -                                                                                               |

Las nuevas familias de tira flexible de Tecsoled continúan siendo fabricadas mediante el proceso anterior, pero se ha incrementado el número de tiras con protección y reducido su tamaño. Esto permite un rango de adaptación a la perfilera mucho mayor.

*Tecsoled's new flexible strip families are still manufactured with the previous process, but the number of strips with protection has been increased and their size reduced. This allows a much greater range of profile adaptation.*

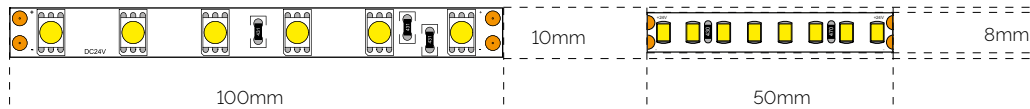
Una tira de menores dimensiones es fácilmente adaptable a una perfilera estrecha. Del mismo modo, una tira con alta densidad permite un mejor diseño de producto con perfiles más bajos, lo que se resume en una buena estética sin incremento económico. Además, el aumento del número de LEDs en una tira favorece la disminución de la intensidad que debe soportar cada componente, lo que alarga su vida y su mantenimiento lumínico y reduce su tasa de fallos de forma notable.

*A strip with smaller dimensions is easily adaptable to a narrow profile. Likewise, a strip with high density allows better product design with lower profiles, which leads to good aesthetics without increasing price. In addition, the increased number of LEDs per strip favours the reduction in intensity that each component has to tolerate, lengthening its useful life and lumen maintenance and significantly reducing its failure rate.*

TIRA TSL ESTANDAR  
Common led strip



NUEVAS TIRAS TSL  
New TSL strips



|                                                                             |               |                                                                             |
|-----------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------|
| Densidad<br><i>Density</i>                                                  | 60 led/m      | 160 led/m                                                                   |
| Lúmenes<br><i>Lumens</i>                                                    | 1200 lm/m     | 1815 lm/m                                                                   |
| Eficacia<br><i>Efficacy</i>                                                 | 100 lm/w      | 165 lm/w                                                                    |
| Dimensiones<br><i>Size</i>                                                  | 10 mm         | 8 mm                                                                        |
| Corte mínimo<br><i>Cutting unit</i>                                         | 100 mm        | 50 mm                                                                       |
| Vida útil<br><i>Lifetime</i>                                                | 36Kh (L70B50) | 50Kh (L80B10)                                                               |
| Se toma VEGA 12 como referencia.<br><i>VEGA 12 is taken as a reference.</i> |               | Se toma THER 10 como referencia.<br><i>THER 10 is taken as a reference.</i> |

Al hablar de la vida útil de un producto o de su tasa de fallos, no nos referimos a una manera particular de cuantificar estos datos. Tecsoled utiliza el método LM-80 y la proyección TM-21 para la medición del mantenimiento de lúmenes en fuentes de luz LED. Estas pruebas han sido desarrolladas por la agencia IES y adoptada globalmente por la industria de la iluminación, de modo que aporta al cliente y usuario los datos más fiables y estandarizados del mercado. Estos datos nos permiten, a los fabricantes, establecer la vida útil del producto y los estándares de calidad, determinar la garantía y desarrollar nuevos productos según las características de las fuentes de luz.

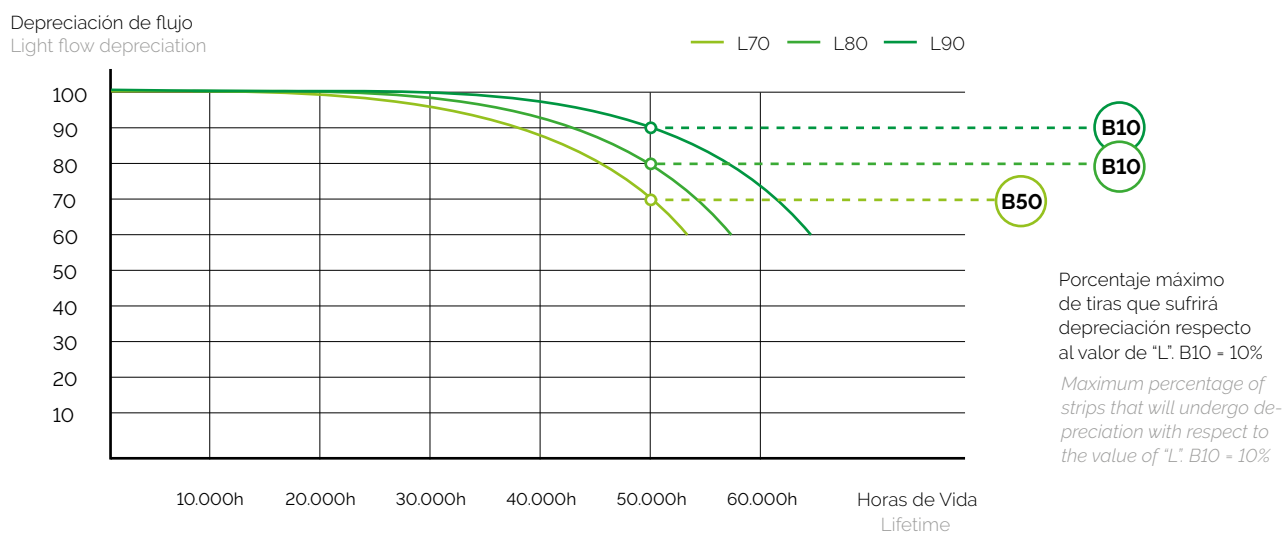
El método LM-80 consiste en medir los rendimientos lumínicos de un LED a exigentes temperaturas durante un periodo de 6.000 a 10.000 horas. Para adaptar la medición a las condiciones de uso habituales durante tiempos útiles para los usuarios, IES publicó el método TM-21, que estima el tiempo de degradación lumínica de los LEDs utilizando los datos obtenidos con el LM-80.

Las proyecciones típicas del mercado consisten en considerar que el valor mínimo de luminosidad de una luminaria que el usuario no percibe será el 70% del valor inicial (L70) durante 50.000 horas de vida, aunque los fabricantes podemos aumentar esos valores buscando mejores estándares de calidad de nuestros productos. Por ejemplo, la serie de alta eficiencia de Tecsoled garantiza un mínimo del 80% de la luminosidad del LED durante 60.000 horas.

*When talking about the useful life of a product or its failure rate, we are not referring to one particular means of quantifying this data. Tecsoled uses the LM-80 method and the TM-21 projection for the measurement of lumen maintenance in LED light sources. These tests were developed by the IES and adopted globally by the lighting industry, such that they give the customer and user the most reliable and standardised data on the market. This data allows us, the manufacturer, to establish the useful life and quality standards of the product, to determine the guarantee and to develop new products according to the characteristics of the light sources.*

*The LM-80 method consists of measuring the light output of an LED at demanding temperatures for a period of between 6,000 and 10,000 hours. In order to adapt the measurement to the conditions of use during the useful time for users, IES published the TM-21 method, which estimates the light degradation of the LEDs using data obtained with the LM-80 method.*

*Typical market projections consist in considering that the minimum luminosity value of a luminaire perceived by the user is 70% of the initial value (L70) for 50,000 hours of life, although we the manufacturers can increase those values by striving for better quality standards for our products. For example, the Tecsoled's high-efficiency series guarantees a minimum of 80% luminosity of the LED for 60,000 hours.*



Además del valor de mantenimiento lumínico considerado, estos datos suelen ir acompañados del porcentaje máximo de luminarias que no responderá correctamente a la extrapolación realizada en laboratorio.

También es importante que estos datos vayan acompañados de un valor de temperatura de control (Tc) determinado, ya que la temperatura de funcionamiento es determinante en la tecnología LED.

*In addition to the above-mentioned lumen maintenance, this data is normally accompanied by the maximum percentage of luminaires that will not correctly correspond to the extrapolation made in the laboratory.*

*It is also important that this data is accompanied by a specific temperature control value (Tc), as operating temperature is crucial in LED technology.*

El nacimiento de la tecnología LED había puesto de manifiesto la capacidad de desarrollo para conseguir una iluminación mucho más eficiente que cualquier otra. Durante las últimas décadas, esa eficiencia se ha ido aumentando y los fabricantes hemos adaptado nuestros productos. Pero sería un grave error que la industria no se marcara objetivos más exigentes.

Desde 2021, entrarán en vigor decretos publicados por la Unión Europea que establecen nuevos criterios de diseño de producto y etiquetado energético para garantizar la mejor utilización de la energía de las fuentes de luz, así como la eliminación de tecnologías menos eficientes. Los productos a los que se aplica la nueva etiqueta de eficiencia energética deben registrarse en una base de datos a nivel europeo y sufrirán un reescalado que volverá a ser, tan solo, de A a G.

*The birth of LED technology demonstrated the capacity for development to achieve lighting that was much more efficient than any other. In recent decades, that efficiency has increased and we, the manufacturers have adapted our products. But it would be a serious error if the industry did not set itself more demanding goals.*

*In 2021, decrees published by the European Union will enter into force that establish new product design and energy labelling criteria to guarantee the best use of energy from sources of light, as well as the elimination of less-efficient technology. Products to which the new energy efficiency label apply to must be registered in a European database and will be rescaled from just A to G.*

Hasta 2021  
Until 2021

ETIQUETADO ENERGÉTICO  
ENERGY LABELING

2021 en adelante  
From 2021



Productos anteriormente marcados con la etiqueta A+, pasarán a tener un color amarillo y la letra 'D'.

*Products previously marked with the A+ label, will now be yellow and marked with the letter 'D'.*

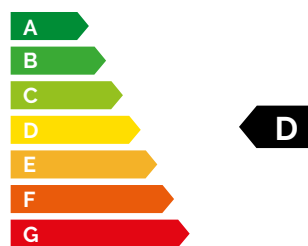
Esto no significa que haya empeorado, sino que el nuevo etiquetado es más estricto y al principio la categoría A estará vacía, mientras que muy pocos productos obtendrán la puntuación B o C. Esto se ha realizado así para dejar margen de mejora para los próximos años. Hasta que el 30% de los productos del mercado comunitario no obtengan la máxima clasificación, por el momento vacía, los baremos no se revisarán.

*This does not mean it has worsened, but the new label is more strict and at first the A category will be empty, while very few products will obtain the B or C score. This is in order to leave margin for improvement in the coming years. Until 30% of the products on the European market obtain the maximum classification, which is currently empty, the scales will not be revised.*

Tira flexible común  
Common led strip



Tecsoled High Efficiency  
Tecsoled High Efficiency





# Información técnica profesional para iluminación LED

*Professional technical information for LED lighting*

El mantenimiento de la luz y la estabilidad de color son solo una parte del rompecabezas. Debemos caracterizar el LED dentro del conjunto de la tira flexible y su funcionamiento general. Ahí es donde entra en juego el LM-79-19, un método aprobado para las mediciones eléctricas, fotométricas y colorimétricas.

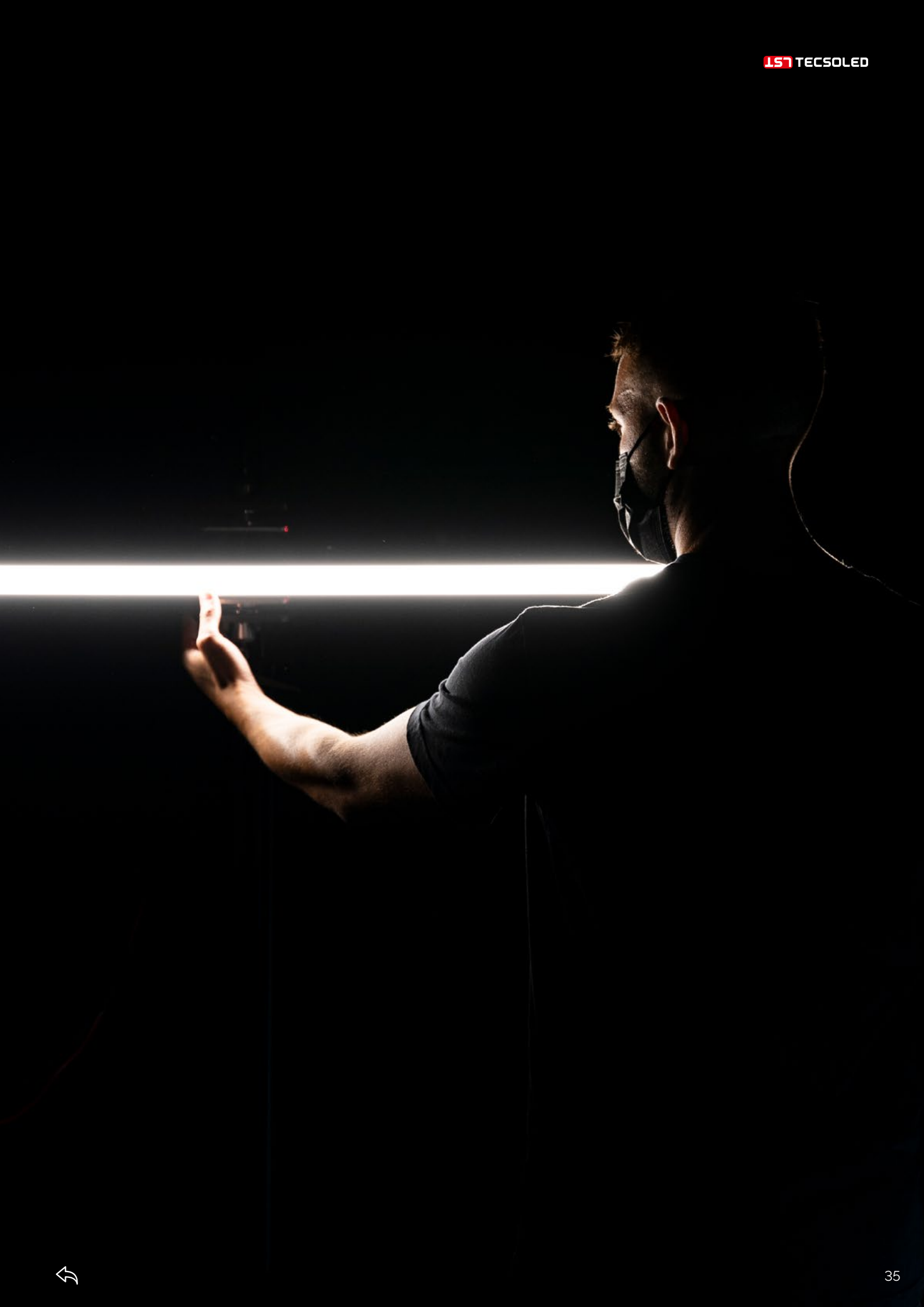
Tecsoled obtiene toda la información relativa a LM-79 en su propio laboratorio luminico. El goniofotómetro mide la intensidad, distribución y flujo luminico, así como la eficiencia de la luminaria, el índice de deslumbramiento (UGR) y las curvas y diagramas de iluminación. La esfera integradora mide parámetros de color como las coordenadas de cromaticidad, la consistencia de temperatura de color, las longitudes de onda o la reproducción cromática, parámetros fotométricos como el flujo o la eficiencia luminosa y parámetros eléctricos como el voltaje, la corriente, la potencia o el factor de potencia.

A través de todos los datos que el departamento de I+D+I obtiene, se genera la información técnica de producto, se estudian las nuevas incorporaciones y se completa un sistema de gestión de la trazabilidad que comienza en la fabricación y es capaz de controlar el recorrido del producto.

*The maintenance of light and colour stability are just one piece of the puzzle. We should characterise the LED as part of the flexible strip as a whole and its overall functioning. This is where LM-79-19, a method approved for electrical, photometric and colorimetric measurements comes into play*

*Tecsoled obtains all of its LM-79 data in its own luminance laboratory. The goniophotometer measures luminous intensity, distribution and flow, as well as the efficiency of the luminaire, the glare rating (UGR) and the lighting curves and diagrams. The integrating sphere measures colour parameters such as chromaticity coordinates, colour temperature consistency, wavelengths and chromatic reproduction, photometric parameters such as luminous flux or efficiency and electrical parameters such as voltage, current, power and power factor.*

*Product technical data is generated from all the data collected by the R&D&I department, new features are studied and a traceability management process is completed, which starts with the manufacturing and is used to monitor the product's journey.*



# GUÍA

## Sección Tiras

### Led strip section guide

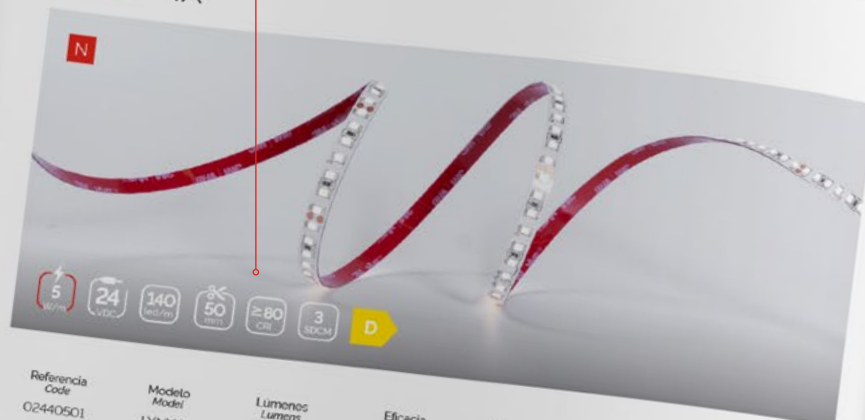
El orden de la sección tiras se ha establecido en base a la garantía y a la potencia de cada familia

The order of this section has been established based on each family's warranty and power.

Características destacadas

Main features

#### TSL LYNX



#### Tabla comparativa familia

Orden establecido en base a la protección IP y la temperatura de color

#### Family comparative table

Sorted based on IP protection and colour temperature

| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440501           | LYNX 1          | 740 lm/m          | 148 lm/W             | D                        | 6000 K                | 10 mm          | IP 67             |
| 02440502           | LYNX 2          | 750 lm/m          | 150 lm/W             | D                        | 4000 K                | 10 mm          | IP 67             |
| 02440503           | LYNX 3          | 730 lm/m          | 146 lm/W             | D                        | 3000 K                | 10 mm          | IP 67             |
| 02440504           | LYNX 4          | 725 lm/m          | 145 lm/W             | E                        | 2700 K                | 10 mm          | IP 67             |
| 02440505           | LYNX 5          | 765 lm/m          | 153 lm/W             | D                        | 6000 K                | 10 mm          | IP 65 H           |
| 02440506           | LYNX 6          | 775 lm/m          | 155 lm/W             | D                        | 4000 K                | 10 mm          | IP 65 H           |
| 02440507           | LYNX 7          | 755 lm/m          | 151 lm/W             | D                        | 3000 K                | 10 mm          | IP 65 H           |
| 02440508           | LYNX 8          | 750 lm/m          | 150 lm/W             | D                        | 2700 K                | 10 mm          | IP 65 H           |
| 02440509           | LYNX 9          | 790 lm/m          | 158 lm/W             | D                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440510           | LYNX 10         | 800 lm/m          | 160 lm/W             | D                        | 6000 K                | 8 mm           | IP 20 N           |
| 02440511           | LYNX 11         | 780 lm/m          | 156 lm/W             | D                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440512           | LYNX 12         | 775 lm/m          | 155 lm/W             | D                        | 2700 K                | 8 mm           | IP 20 N           |

#### Características eléctricas / Electrical data

Tensión / Voltage  
Potencia / Power  
Intensidad / Current  
Intensidad max. / Max Current

24 VDC  
5 W/m  
208 mA/m  
5 A

#### Características ópticas / Photometric data

CRI  
Consistencia / Consistency  
Ángulo / Angle  
Código fotométrico / Photometric code  
Fidelidad color / Colour Fidelity  
Gama color / Colour Gamut  
Grupo de riesgo / Risk group

>80  
3 SDCM  
120°  
80x/339  
85 R<sub>a</sub>  
95 R<sub>a</sub>  
GR1

#### Características técnicas / Technical data

Tipo LED / LED Type  
Densidad / Density  
Corte mínimo / Cutting unit  
T. almacenamiento / Storage T.  
T. ambiente / Ambient T.  
Tc  
Paso LED / LED Pitch  
Longitud máx. / Max. Length  
Adhesivo / Adhesive  
Vida útil / Lifetime  
Garantía / Warranty

SMD2835  
140 Led/m  
50 mm  
-25°C - 80°C  
-20°C - 45°C  
65°C  
7,14 mm  
10 m  
VHB 5604A/VHB 598E  
50KWh IL80B10  
3 años / years

#### Características generales

General features

#### Sección Cableado

Guía de cableado para instalación entre las fuentes de alimentación y la tira.

#### Cabling cross-section

Wiring guide for installation between power supplies and strip.

## Detalle constructivo

Dimensiones de la tira según acabado y tapas

## Design detail

Strip dimensions by finish and end caps.

## Gráficas luminicas

Lighting graphics

## Indicador de subsección

Differentiating feature

## Perfilería especialmente recomendada para la tira

Especially recommended profiles for the strip

## Luminosidad

Porcentaje de iluminación según longitud de la tira

## Luminosity

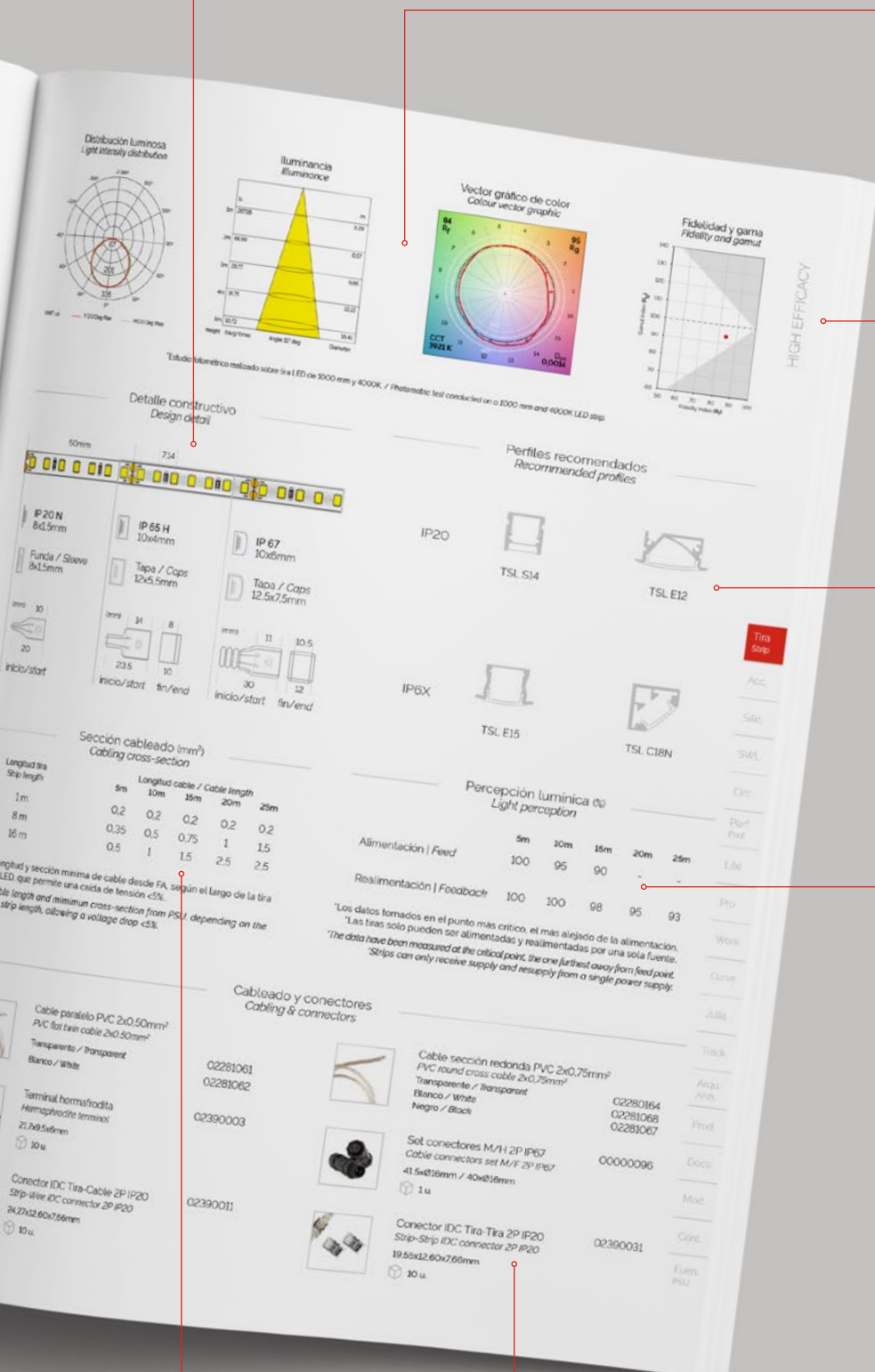
Luminosity percentage depending on strip length

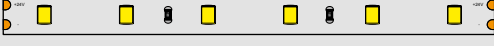
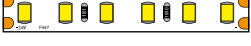
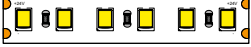
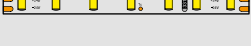
## Cableado y conectores

Accesorios compatibles con las tiras de la familia, según acabado.

## Cabling & connectors

Accessories compatible with the family strips, depending on the finish.



| Familia<br>Family                                                                              | Pág.<br>Page | Detalle<br>Detail                                                                   | Tensión<br>Voltage | Dens.<br>(led/m) | Pot.<br>Pow.<br>(w) | Lúmenes<br>Lumens<br>(lm/m) |
|------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|--------------------|------------------|---------------------|-----------------------------|
|  TSL LYNX     | 42           |    | 24 VDC             | 140              | 5                   | 725 - 800                   |
|  TSL DRAC     | 44           |    | 24 VDC             | 140              | 8,5                 | 850 - 1360                  |
|  TSL THER     | 46           |    | 24 VDC             | 160              | 11                  | 1650 - 1815                 |
|  TSL KROS     | 50           |    | 24 VDC             | 160              | 14                  | 2100 - 2310                 |
| TSL KAUS                                                                                       | 52           |    | 24 VDC             | 160              | 17                  | 2635 - 2805                 |
| TSL KUMA                                                                                       | 54           |    | 24 VDC             | 240              | 22                  | 3190 - 3520                 |
|  TSL VUGA     | 58           |    | 24 VDC             | 128              | 10,5                | 1255 - 1550                 |
| TSL OGMA                                                                                       | 60           |    | 24 VDC             | 160              | 16,4                | 1955 - 2400                 |
| TSL INDUS                                                                                      | 62           |   | 24 VDC             | 192              | 25                  | 3190 - 3450                 |
| TSL LUAR                                                                                       | 64           |  | 24 VDC             | 256              | 34                  | 4250 - 4600                 |
| TSL BAST                                                                                       | 66           |  | 24 VDC             | 60               | 4,8                 | 520 - 610                   |
|  TSL BILY   | 68           |  | 24 VDC             | 120              | 9                   | 920 - 1120                  |
| TSL BONE                                                                                       | 70           |  | 24 VDC             | 120              | 12                  | 1250 - 1500                 |
| TSL BELL                                                                                       | 74           |  | 24 VDC             | 120              | 22                  | 2410 - 2750                 |
| TSL ALYA                                                                                       | 76           |  | 24 VDC             | 140              | 6,6                 | 600 - 710                   |
|  TSL SIDD   | 78           |  | 24 VDC             | 288              | 10,5                | 1350 - 1500                 |
|  TSL EMMA   | 80           |  | 24 VDC             | -                | 9                   | 820 - 880                   |
| TSL WILD                                                                                       | 82           |  | 24 VDC             | -                | 10                  | 935 - 1000                  |
| TSL DUAL 2                                                                                     | 84           |  | 24 VDC             | 280              | 16                  | 1600                        |
|  TSL DUAL 4 | 86           |  | 24 VDC             | 196              | 20                  | 2200                        |

| Led     | Corte<br>Cut | Tª Color<br>Colour T.                                                                                                       |                                                                                         |        |                                              |  |  |     | CRI     | Ancho<br>Width<br>(mm) | Acabado<br>Finish                            | HIGH EFFICACY |
|---------|--------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------|----------------------------------------------|--|--|-----|---------|------------------------|----------------------------------------------|---------------|
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 8 / 10                 | <div><div></div><div></div><div></div></div> |               |
| SMD2835 | 50 mm        | <div><div>1800K</div><div>2200K</div><div>2400K</div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div> | >80                                                                                     | 8 / 10 | <div><div></div><div></div><div></div></div> |  |  |     |         |                        |                                              |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 8 / 10                 | <div><div></div><div></div><div></div></div> |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>5000K</div><div>6000K</div></div>                                 |                                                                                         |        |                                              |  |  |     | >80     | 10 / 12                | <div><div></div><div></div></div>            |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 10 / 12                | <div><div></div><div></div></div>            |               |
| SMD2835 | 33,3 mm      | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 10                     | <div><div></div></div>                       |               |
| SMD2835 | 62,5 mm      | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90/>95 | 10                     | <div><div></div></div>                       |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90/>95 | 10                     | <div><div></div></div>                       |               |
| SMD2835 | 41,67 mm     | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90     | 10                     | <div><div></div></div>                       |               |
| SMD2835 | 31,25 mm     | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90     | 12                     | <div><div></div></div>                       |               |
| SMD2835 | 100 mm       | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 8 / 10                 | <div><div></div><div></div></div>            |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 8 / 10                 | <div><div></div><div></div></div>            |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 10 / 12                | <div><div></div><div></div></div>            |               |
| SMD2835 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >80     | 10 / 12                | <div><div></div><div></div></div>            |               |
| SMD2216 | 50 mm        | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90     | 4                      | <div><div></div></div>                       |               |
| SMD2216 | 27,8 mm      | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90     | 5                      | <div><div></div></div>                       |               |
| COB     | 16,7 mm      | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90     | 4                      | <div><div></div></div>                       |               |
| COB     | 29,41 mm     | <div><div>2700K</div><div>3000K</div><div>4000K</div><div>6000K</div></div>                                                 |                                                                                         |        |                                              |  |  |     | >90     | 8 / 13                 | <div><div></div><div></div></div>            |               |
| SMD2216 | 50 mm        | CCT                                                                                                                         | <div><div>2700K</div><div></div><div></div><div></div><div></div><div>6000K</div></div> |        |                                              |  |  | >90 | 8       | <div><div></div></div> |                                              |               |
| SMD2835 | 71,4 mm      | CCT                                                                                                                         | <div><div>2700K</div><div></div><div></div><div></div><div></div><div>6000K</div></div> |        |                                              |  |  | >90 | 10      | <div><div></div></div> |                                              |               |

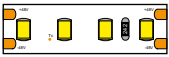
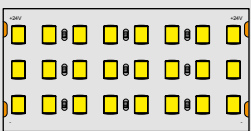
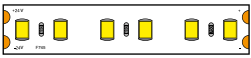
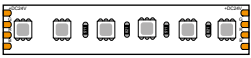
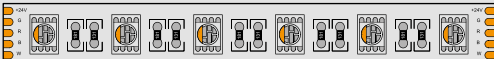
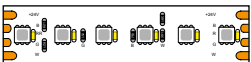
PREMIUM

BASIC

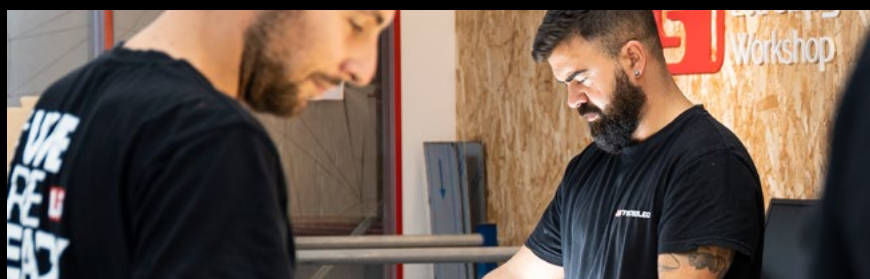
TECHNICAL





| Familia<br>Family                                                                                     | Pág.<br>Page | Detalle<br>Detail                                                                   | Tensión<br>Voltage | Dens.<br>(led/m) | Pot.<br>Pow.<br>(w) | Lúmenes<br>Lumens<br>(lm/m) |
|-------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|--------------------|------------------|---------------------|-----------------------------|
|  TSL VOLX            | 90           |    | 12VDC              | 120              | 9                   | 990 - 1170                  |
| TSL OWENS                                                                                             | 92           |    | 48 VDC             | 120              | 8,8                 | 950 - 1050                  |
| TSL BEND                                                                                              | 94           |    | 12VDC              | 60               | 4,8                 | 380 - 450                   |
| TSL HUNA                                                                                              | 96           |    | 24 VDC             | 120              | 14,4                | 1520 - 1680                 |
| TSL ROWS 3R                                                                                           | 98           |    | 24 VDC             | 480              | 40                  | 5840 - 6400                 |
| TSL ROWS 2R                                                                                           | 100          |    | 24 VDC             | 280              | 26                  | 2950 - 3100                 |
|  TSL FOOD           | 102          |   | 24 VDC             | 120              | 14                  | 700 - 1300                  |
|  TSL ARCO          | 106          |  | 24 VDC             | 120              | 14                  | 135 - 1450                  |
| TSL IRIS 2,4                                                                                          | 108          |  | 24 VDC             | 60               | 12                  | 320 - 370                   |
| TSL IRIS 6                                                                                            | 110          |  | 24 VDC             | 240              | 16,4                | 787                         |
| TSL IRIS 7                                                                                            | 112          |  | 24 VDC             | 120              | 7,5                 | 335                         |
|  TSL IRIS 8, 9, 10 | 116          |  | 24 VDC             | 120              | 14                  | 588 - 670                   |
| TSL GAMA 2, 4                                                                                         | 118          |  | 24 VDC             | 60               | 17,4                | 815 - 836                   |
|  TSL GAMA 6        | 120          |  | 24 VDC             | 240              | 19,2                | 900                         |

COLOCAR  
& LISTO  
READY-MADE



| Led          | Corte<br>Cut | Tª Color<br>Colour T.                                                                                                                                                                    | CRI | Ancho<br>Width<br>(mm) | Acabado<br>Finish                                                                                                                                                                                                                                                 |
|--------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SMD2835      | 25 mm        | 2700K 3000K 4000K 6000K                                                                                                                                                                  | >80 | 8 / 10                 |          |
| SMD2835      | 33,33 mm     | 2700K 3000K 4000K 6000K                                                                                                                                                                  | >80 | 10 / 12                |                                                                                             |
| SMD2835      | 50 mm        | 4000K 6000K                                                                                                                                                                              | >80 | 6                      |                                                                                                                                                                                |
| SMD2835      | 8,33 mm      | 2700K 3000K 4000K 6000K                                                                                                                                                                  | >80 | 10                     |                                                                                                                                                                                |
| SMD2835      | 50 mm        | 2700K 3000K 4000K 6000K                                                                                                                                                                  | >80 | 25                     |                                                                                                                                                                                |
| SMD2835      | 50 mm        | 2700K 3000K 4000K 6000K                                                                                                                                                                  | >80 | 20                     |                                                                                                                                                                                |
| SMD2835      | 50 mm        | <div> <div>Carne / Meat</div> <div>Charcuteria / Cold Meat</div> <div>Fruta / Fruit</div> </div> <div> <div>Pan / Bread</div> <div>Queso / Cheese</div> <div>Pescado / Fish</div> </div> | -   | 10                     |                                                                                                                                                                              |
| SMD2835      | 50 mm        |                                                                                                       | -   | 10 / 12                |                                                                                         |
| SMD5050      | 100 mm       |                                                                                                       | -   | 10 / 12                |                                                                                         |
| SMD3838      | 25 mm        |                                                                                                       | -   | 12                     |                                                                                                                                                                              |
| SMD3838      | 50 mm        |                                                                                                       | -   | 5                      |                                                                                                                                                                              |
| SMD4040      | 50 mm        |                                                                                                       | -   | 10 / 12                |    |
| SMD5050      | 100 mm       |                                                                                                       | -   | 12 / 14                |                                                                                         |
| SMD2835/2216 | 50 mm        |                                                                                                       | -   | 12                     |                                                                                                                                                                              |

TECHNICAL

CHROMATIC

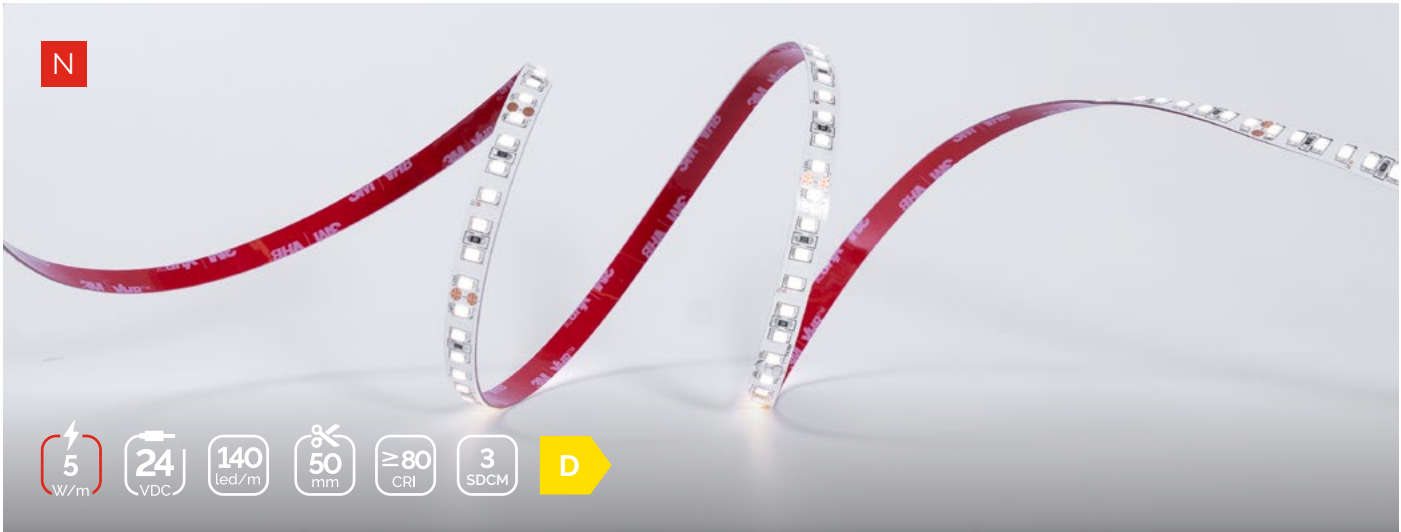


## • Servicio de corte y manipulado de tiras Strip cutting and handling service

La medida de tira justa con el tipo y longitud de cable adecuado en función de tus necesidades.

*The right strip length with the appropriate type and length of wire for your needs.*

**157** TECSOLE



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440501           | LYNX 1          | 740 lm/m          | 148 lm/W             | D                        | 6000 K                | 10 mm          | IP 67             |
| 02440502           | LYNX 2          | 750 lm/m          | 150 lm/W             | D                        | 4000 K                | 10 mm          | IP 67             |
| 02440503           | LYNX 3          | 730 lm/m          | 146 lm/W             | D                        | 3000 K                | 10 mm          | IP 67             |
| 02440504           | LYNX 4          | 725 lm/m          | 145 lm/W             | E                        | 2700 K                | 10 mm          | IP 67             |
| 02440505           | LYNX 5          | 765 lm/m          | 153 lm/W             | D                        | 6000 K                | 10 mm          | IP 65 H           |
| 02440506           | LYNX 6          | 775 lm/m          | 155 lm/W             | D                        | 4000 K                | 10 mm          | IP 65 H           |
| 02440507           | LYNX 7          | 755 lm/m          | 151 lm/W             | D                        | 3000 K                | 10 mm          | IP 65 H           |
| 02440508           | LYNX 8          | 750 lm/m          | 150 lm/W             | D                        | 2700 K                | 10 mm          | IP 65 H           |
| 02440509           | LYNX 9          | 790 lm/m          | 158 lm/W             | D                        | 6000 K                | 8 mm           | IP 20 N           |
| 02440510           | LYNX 10         | 800 lm/m          | 160 lm/W             | D                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440511           | LYNX 11         | 780 lm/m          | 156 lm/W             | D                        | 3000 K                | 8 mm           | IP 20 N           |
| 02440512           | LYNX 12         | 775 lm/m          | 155 lm/W             | D                        | 2700 K                | 8 mm           | IP 20 N           |

Características eléctricas / Electrical data

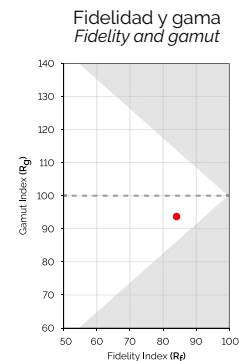
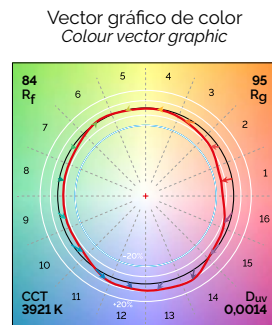
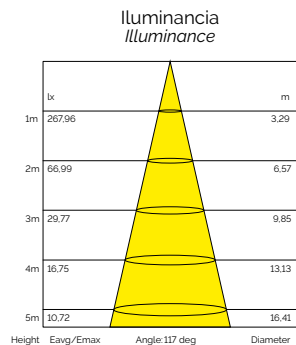
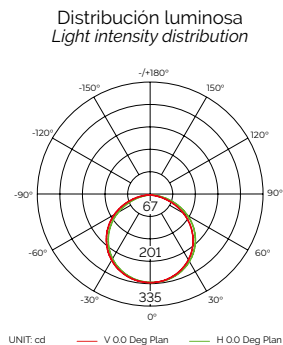
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 5 W/m    |
| Intensidad / Current           | 208 mA/m |
| Intensidad max. / Max. Current | 5 A      |

Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

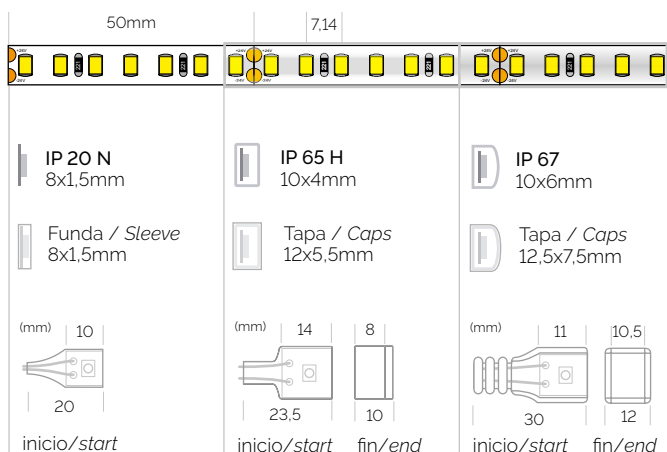
Características técnicas / Technical data

|                                |                    |
|--------------------------------|--------------------|
| Tipo LED / LED Type            | SMD2835            |
| Densidad / Density             | 140 Led/m          |
| Corte mínimo / Cutting unit    | 50 mm              |
| T. almacenamiento / Storage T. | -25°C + 80°C       |
| T. ambiente / Ambient T.       | -20°C + 45°C       |
| Tc                             | 65°C               |
| Paso LED / LED Pitch           | 7,14 mm            |
| Longitud máx. / Max. Length    | 16 m               |
| Adhesivo / Adhesive            | VHB 5604A/VHB 5915 |
| Vida útil / Lifetime           | 50Kh (L80B10)      |
| Garantía / Warranty            | 3 años / years     |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo *Design detail*



## Perfiles recomendados *Recommended profiles*

IP20



TSL S14



TSL E12

IP6X



TSL E15



TSL C18N

## Sección cableado (mm²) *Cabling cross-section*

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |     |     |
|-------------------------------|-------------------------------|-----|------|-----|-----|
|                               | 5m                            | 10m | 15m  | 20m | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,2  | 0,2 | 0,2 |
| 8 m                           | 0,35                          | 0,5 | 0,75 | 1   | 1,5 |
| 16 m                          | 0,5                           | 1   | 1,5  | 2,5 | 2,5 |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%) *Light perception*

|                           | 5m  | 10m | 15m | 20m | 25m |
|---------------------------|-----|-----|-----|-----|-----|
| Alimentación   Supply     | 100 | 95  | 90  | -   | -   |
| Realimentación   Resupply | 100 | 100 | 98  | 95  | 93  |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores *Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent  
Blanco / White  
Negro / Black

02280164  
02281068  
02281067



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,27x12,60x7,66mm

10 u.

02390011



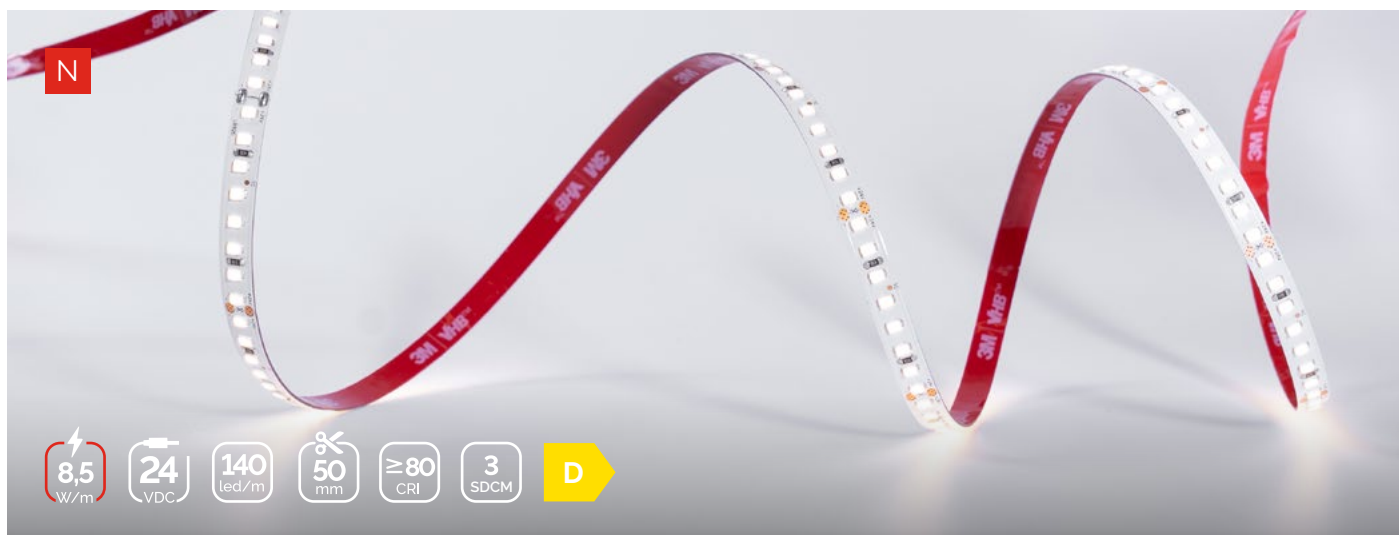
Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x12,60x7,66mm

10 u.

02390031

# TSL DRAC



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440513           | DRAC 1          | 1258 lm/m         | 148 lm/W             | D                        | 6000 K                | 10 mm          | IP 67             |
| 02440514           | DRAC 2          | 1275 lm/m         | 150 lm/W             | D                        | 4000 K                | 10 mm          | IP67              |
| 02440515           | DRAC 3          | 1241 lm/m         | 146 lm/W             | D                        | 3000 K                | 10 mm          | IP67              |
| 02440516           | DRAC 4          | 1232 lm/m         | 144 lm/W             | E                        | 2700 K                | 10 mm          | IP67              |
| 02440517           | DRAC 5          | 1105 lm/m         | 130 lm/W             | E                        | 2400 K                | 10 mm          | IP67              |
| 02440518           | DRAC 6          | 1020 lm/m         | 120 lm/W             | E                        | 2200 K                | 10 mm          | IP67              |
| 02440519           | DRAC 7          | 850 lm/m          | 100 lm/W             | F                        | 1800 K                | 10 mm          | IP67              |
| 02440520           | DRAC 8          | 1300 lm/m         | 152 lm/W             | D                        | 6000 K                | 10 mm          | IP 65 H           |
| 02440521           | DRAC 9          | 1317 lm/m         | 154 lm/W             | D                        | 4000 K                | 10 mm          | IP 65 H           |
| 02440522           | DRAC 10         | 1283 lm/m         | 150 lm/W             | D                        | 3000 K                | 10 mm          | IP 65 H           |
| 02440523           | DRAC 11         | 1275 lm/m         | 150 lm/W             | D                        | 2700 K                | 10 mm          | IP 65 H           |
| 02440524           | DRAC 12         | 1147 lm/m         | 134 lm/W             | E                        | 2400 K                | 10 mm          | IP 65 H           |
| 02440525           | DRAC 13         | 1062 lm/m         | 124 lm/W             | E                        | 2200 K                | 10 mm          | IP 65 H           |
| 02440526           | DRAC 14         | 892 lm/m          | 104 lm/W             | F                        | 1800 K                | 10 mm          | IP 65 H           |
| 02440527           | DRAC 15         | 1343 lm/m         | 158 lm/W             | D                        | 6000 K                | 8 mm           | IP 20 N           |
| 02440528           | DRAC 16         | 1360 lm/m         | 160 lm/W             | D                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440529           | DRAC 17         | 1326 lm/m         | 156 lm/W             | D                        | 3000 K                | 8 mm           | IP 20 N           |
| 02440530           | DRAC 18         | 1317 lm/m         | 154 lm/W             | D                        | 2700 K                | 8 mm           | IP 20 N           |
| 02440531           | DRAC 19         | 1190 lm/m         | 140 lm/W             | E                        | 2400 K                | 8 mm           | IP 20 N           |
| 02440532           | DRAC 20         | 1105 lm/m         | 130 lm/W             | E                        | 2200 K                | 8 mm           | IP 20 N           |
| 02440533           | DRAC 21         | 935 lm/m          | 110 lm/W             | F                        | 1800 K                | 8 mm           | IP 20 N           |

## Características eléctricas / Electrical data

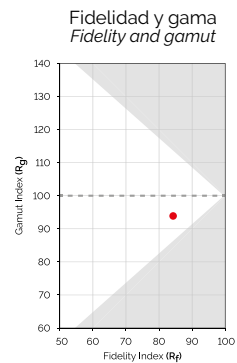
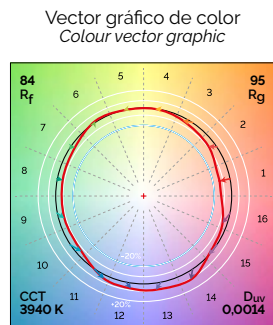
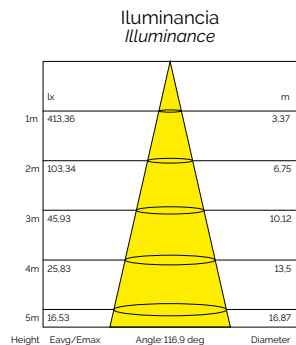
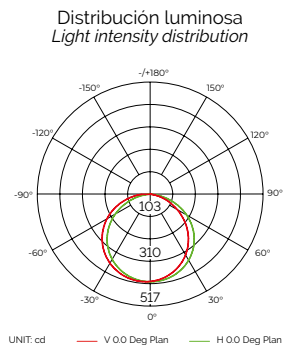
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 8,5 W/m  |
| Intensidad / Current           | 354 mA/m |
| Intensidad max. / Max. Current | 5 A      |

## Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

## Características técnicas / Technical data

|                                |                    |
|--------------------------------|--------------------|
| Tipo LED / LED Type            | SMD2835            |
| Densidad / Density             | 140 Led/m          |
| Corte mínimo / Cutting unit    | 50 mm              |
| T. almacenamiento / Storage T. | -25°C + 80°C       |
| T. ambiente / Ambient T.       | -20°C + 45°C       |
| Tc                             | 65°C               |
| Paso LED / LED Pitch           | 7,14 mm            |
| Longitud máx. / Max. Length    | 14 m               |
| Adhesivo / Adhesive            | VHB 5604A/VHB 5915 |
| Vida útil / Lifetime           | 50Kh (L80B10)      |
| Garantía / Warranty            | 3 años / years     |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo

|                           |                          |                           |
|---------------------------|--------------------------|---------------------------|
| 50mm                      | 7,14                     |                           |
|                           |                          |                           |
| <b>IP 20 N</b><br>8x1,5mm | <b>IP 65 H</b><br>10x4mm | <b>IP 67</b><br>10x6mm    |
| Funda / Sleeve<br>8x1,5mm | Tapa / Caps<br>12x5,5mm  | Tapa / Caps<br>12,5x7,5mm |
| (mm) 10                   | (mm) 14 8                | (mm) 11 10,5              |
| 20                        | 23,5 10                  | 30 12                     |
| inicio/start              | inicio/start fin/end     | inicio/start fin/end      |

## Perfiles recomendados

|      |         |         |
|------|---------|---------|
| IP20 |         |         |
|      | TSL S14 | TSL E14 |
| IP6X |         |         |
|      | TSL S19 | TSL E15 |

## Sección cableado (mm²)

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,2  | 0,2 | 0,35 | 0,35 |
| 7 m                           | 0,5                           | 0,75 | 1,5 | 1,5  | 2,5  |
| 14 m                          | 0,75                          | 1,5  | 2,5 | 4    | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%)

|                           | 5m  | 10m | 15m | 20m | 25m |
|---------------------------|-----|-----|-----|-----|-----|
| Alimentación   Supply     | 100 | 93  | -   | -   | -   |
| Realimentación   Resupply | 100 | 100 | 97  | 93  | 88  |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,27x12,60x7,66mm  
10 u.

02390011



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent  
Blanco / White  
Negro / Black

02280164  
02281068  
02281067



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096

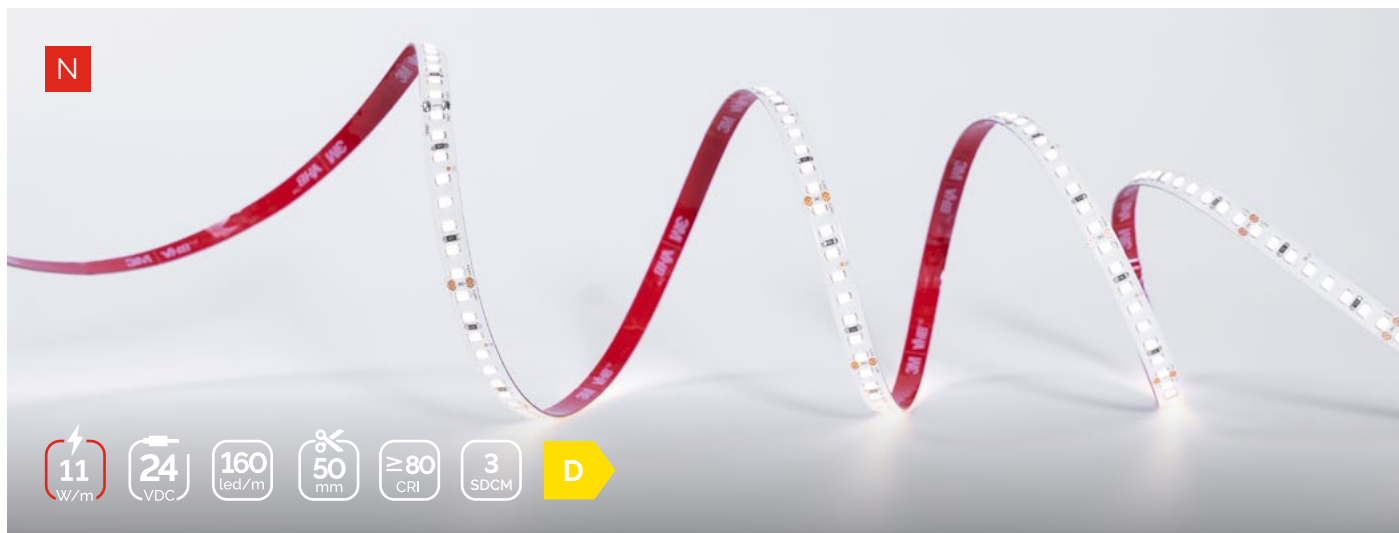


Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x12,60x7,66mm  
10 u.

02390031





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440534           | THER 1          | 1683 lm/m         | 153 lm/W             | D                        | 6000 K                | 10 mm          | IP 67             |
| 02440535           | THER 2          | 1705 lm/m         | 155 lm/W             | D                        | 4000 K                | 10 mm          | IP 67             |
| 02440536           | THER 3          | 1661 lm/m         | 151 lm/W             | D                        | 3000 K                | 10 mm          | IP 67             |
| 02440537           | THER 4          | 1650 lm/m         | 150 lm/W             | D                        | 2700 K                | 10 mm          | IP 67             |
| 02440538           | THER 5          | 1738 lm/m         | 158 lm/W             | D                        | 6000 K                | 10 mm          | IP 65 H           |
| 02440539           | THER 6          | 1760 lm/m         | 160 lm/W             | D                        | 4000 K                | 10 mm          | IP 65 H           |
| 02440540           | THER 7          | 1716 lm/m         | 156 lm/W             | D                        | 3000 K                | 10 mm          | IP 65 H           |
| 02440541           | THER 8          | 1705 lm/m         | 155 lm/W             | D                        | 2700 K                | 10 mm          | IP 65 H           |
| 02440542           | THER 9          | 1793 lm/m         | 163 lm/W             | D                        | 6000 K                | 8 mm           | IP 20 N           |
| 02440543           | THER 10         | 1815 lm/m         | 165 lm/W             | D                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440544           | THER 11         | 1771 lm/m         | 161 lm/W             | D                        | 3000 K                | 8 mm           | IP 20 N           |
| 02440545           | THER 12         | 1760 lm/m         | 160 lm/W             | D                        | 2700 K                | 8 mm           | IP 20 N           |

## Características eléctricas / Electrical data

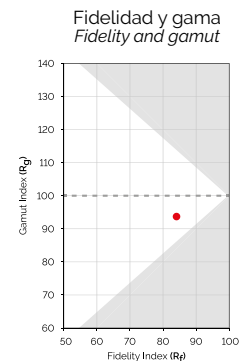
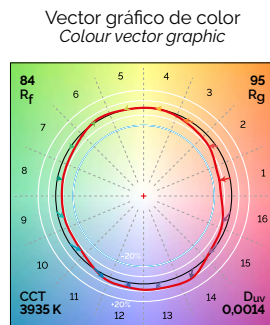
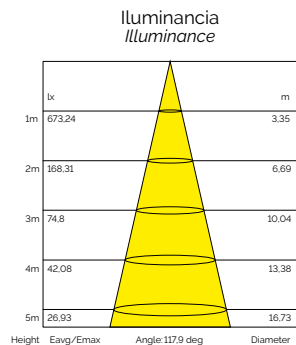
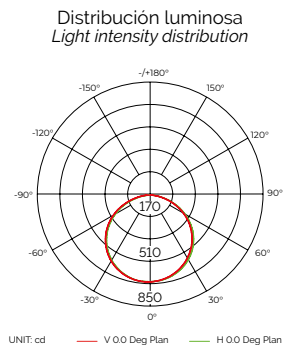
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 11 W/m   |
| Intensidad / Current           | 458 mA/m |
| Intensidad max. / Max. Current | 5 A      |

## Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

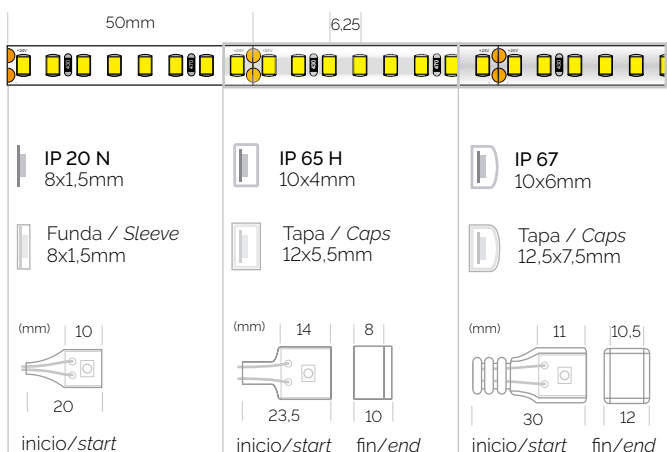
## Características técnicas / Technical data

|                                |                    |
|--------------------------------|--------------------|
| Tipo LED / LED Type            | SMD2835            |
| Densidad / Density             | 160 Led/m          |
| Corte mínimo / Cutting unit    | 50 mm              |
| T. almacenamiento / Storage T. | -25°C + 80°C       |
| T. ambiente / Ambient T.       | -20°C + 45°C       |
| Tc                             | 65°C               |
| Paso LED / LED Pitch           | 6,25 mm            |
| Longitud máx. / Max. Length    | 12 m               |
| Adhesivo / Adhesive            | VHB 5604A/VHB 5915 |
| Vida útil / Lifetime           | 50Kh (L80B10)      |
| Garantía / Warranty            | 3 años / years     |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo *Design detail*



## Perfiles recomendados *Recommended profiles*

IP20



TSL S14



TSL E14

IP6X



TSL S19



TSL E13N

## Sección cableado (mm²) *Cabling cross-section*

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |     |      |      |
|-------------------------------|-------------------------------|-----|-----|------|------|
|                               | 5m                            | 10m | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,2 | 0,2 | 0,35 | 0,35 |
| 6 m                           | 0,5                           | 1   | 1,5 | 2,5  | 2,5  |
| 12 m                          | 1                             | 2,5 | 2,5 | 4    | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%) *Light perception*

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 97 | 90  | -   | -   | -   |
| Realimentación   Resupply | 99 | 97  | 94  | 90  | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores *Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,27x12,60x7,66mm

10 u.

02390011



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent  
Blanco / White  
Negro / Black

02280164  
02281068  
02281067



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096



Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x12,60x7,66mm

10 u.

02390031

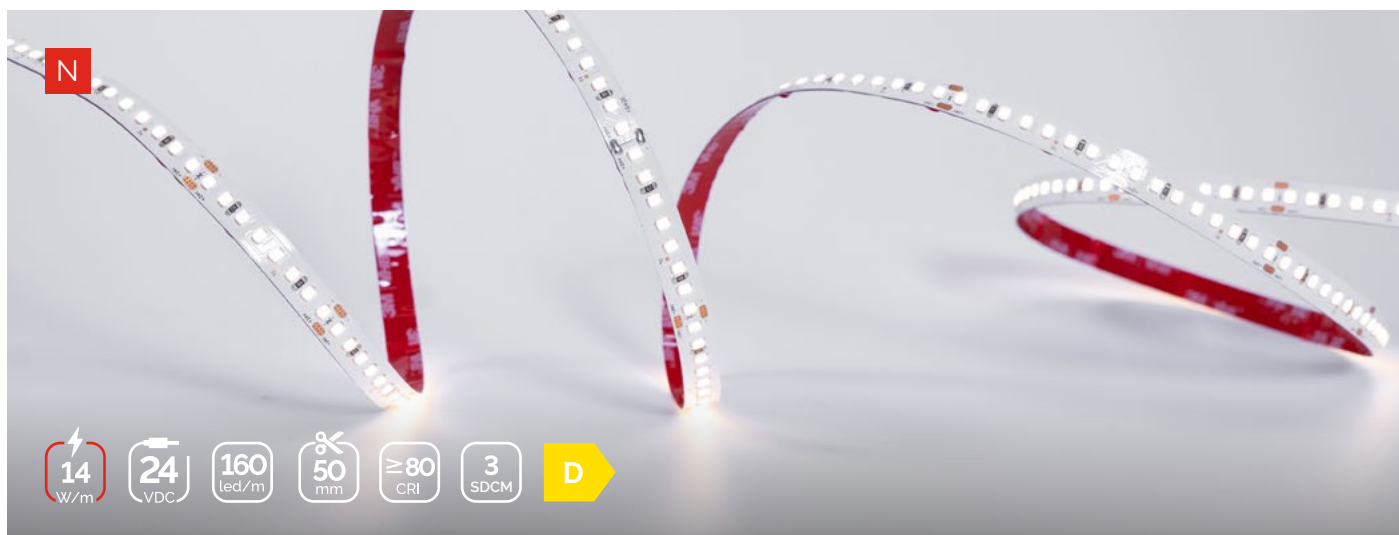








# TSL KROS



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440546           | KROS 1          | 2142 lm/m         | 153 lm/W             | D                        | 6000 K                | 12 mm          | IP 67             |
| 02440547           | KROS 2          | 2170 lm/m         | 155 lm/W             | D                        | 5000 K                | 12 mm          | IP 67             |
| 02440548           | KROS 3          | 2170 lm/m         | 155 lm/W             | D                        | 4000 K                | 12 mm          | IP 67             |
| 02440549           | KROS 4          | 2114 lm/m         | 151 lm/W             | D                        | 3000 K                | 12 mm          | IP 67             |
| 02440550           | KROS 5          | 2100 lm/m         | 150 lm/W             | D                        | 2700 K                | 12 mm          | IP 67             |
| 02440551           | KROS 6          | 2212 lm/m         | 158 lm/W             | D                        | 6000 K                | 12 mm          | IP 65 H           |
| 02440552           | KROS 7          | 2240 lm/m         | 160 lm/W             | D                        | 5000 K                | 12 mm          | IP 65 H           |
| 02440553           | KROS 8          | 2240 lm/m         | 160 lm/W             | D                        | 4000 K                | 12 mm          | IP 65 H           |
| 02440554           | KROS 9          | 2184 lm/m         | 156 lm/W             | D                        | 3000 K                | 12 mm          | IP 65 H           |
| 02440555           | KROS 10         | 2170 lm/m         | 155 lm/W             | D                        | 2700 K                | 12 mm          | IP 65 H           |
| 02440556           | KROS 11         | 2282 lm/m         | 163 lm/W             | D                        | 6000 K                | 10 mm          | IP 20 N           |
| 02440557           | KROS 12         | 2310 lm/m         | 165 lm/W             | D                        | 5000 K                | 10 mm          | IP 20 N           |
| 02440558           | KROS 13         | 2310 lm/m         | 165 lm/W             | D                        | 4000 K                | 10 mm          | IP 20 N           |
| 02440559           | KROS 14         | 2254 lm/m         | 161 lm/W             | D                        | 3000 K                | 10 mm          | IP 20 N           |
| 02440560           | KROS 15         | 2240 lm/m         | 160 lm/W             | D                        | 2700 K                | 10 mm          | IP 20 N           |

## Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 14 W/m   |
| Intensidad / Current           | 583 mA/m |
| Intensidad max. / Max. Current | 5 A      |

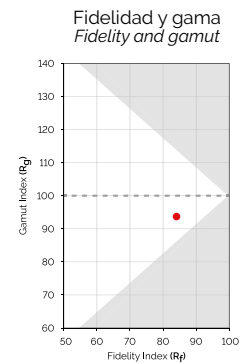
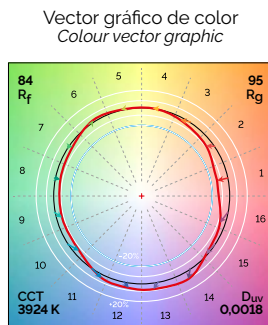
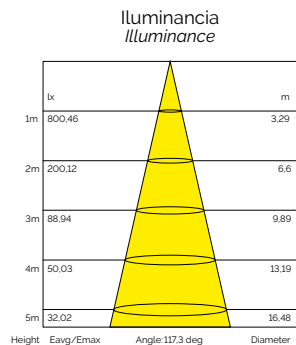
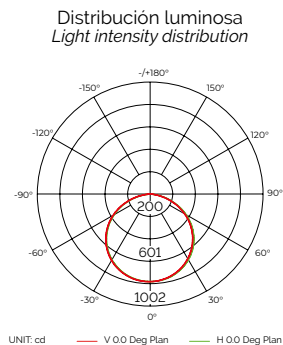
## Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

## Características técnicas / Technical data

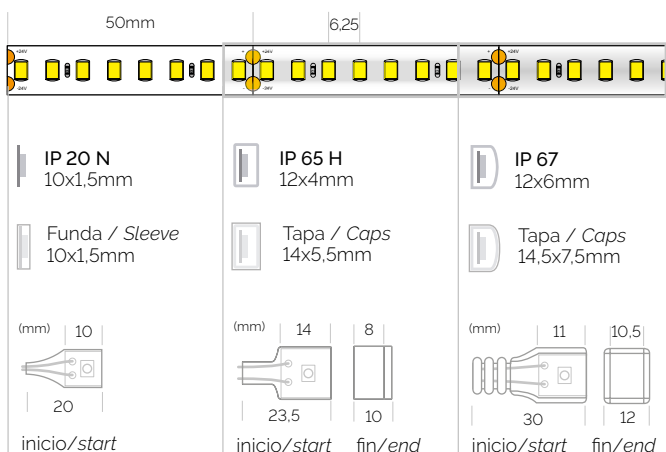
|                                |                    |
|--------------------------------|--------------------|
| Tipo LED / LED Type            | SMD2835            |
| Densidad / Density             | 160 Led/m          |
| Corte mínimo / Cutting unit    | 50 mm              |
| T. almacenamiento / Storage T. | -25°C + 80°C       |
| T. ambiente / Ambient T.       | -20°C + 45°C       |
| Tc                             | 65°C               |
| Paso LED / LED Pitch           | 6,25 mm            |
| Longitud máx. / Max. Length    | 10 m               |
| Adhesivo / Adhesive            | VHB 5604A/VHB 5915 |
| Vida útil / Lifetime           | 50Kh (L80B10)      |
| Garantía / Warranty            | 3 años / years     |



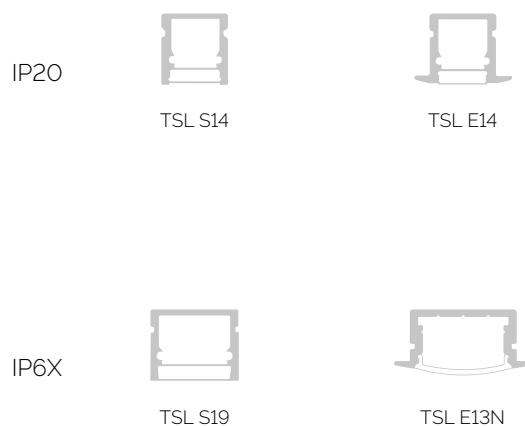


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo *Design detail*



## Perfiles recomendados *Recommended profiles*



## Sección cableado (mm²) *Cabling cross-section*

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |      |     |
|-------------------------------|-------------------------------|-----|------|------|-----|
|                               | 5m                            | 10m | 15m  | 20m  | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,35 | 0,5 |
| 5 m                           | 0,5                           | 1   | 1,5  | 2,5  | 2,5 |
| 10 m                          | 1                             | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%) *Light perception*

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | 88  | -   | -   | -   |
| Realimentación   Resupply | 97 | 95  | 92  | 88  | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.

\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.

\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores *Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,30x14,60x7,70mm

10 u.

02390012



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent  
Blanco / White  
Negro / Black

02280164  
02281068  
02281067



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096



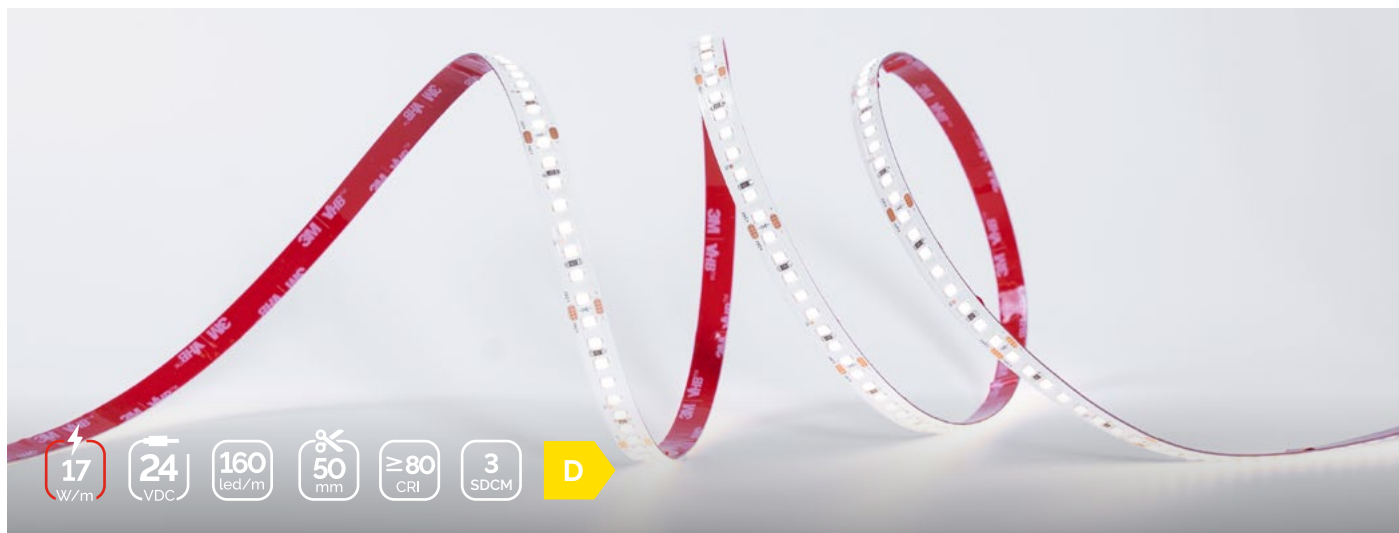
Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x14,60x7,70mm

10 u.

02390032





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440367           | KAUS 5          | 2686 lm/m         | 158 lm/W             | D                        | 6000 K                | 12 mm          | IP 65 H           |
| 02440368           | KAUS 6          | 2720 lm/m         | 160 lm/W             | D                        | 4000 K                | 12 mm          | IP 65 H           |
| 02440369           | KAUS 7          | 2652 lm/m         | 156 lm/W             | D                        | 3000 K                | 12 mm          | IP 65 H           |
| 02440370           | KAUS 8          | 2635 lm/m         | 155 lm/W             | D                        | 2700 K                | 12 mm          | IP 65 H           |
| 02440223           | KAUS 1          | 2771 lm/m         | 163 lm/W             | D                        | 6000 K                | 10 mm          | IP 20 N           |
| 02440224           | KAUS 2          | 2805 lm/m         | 165 lm/W             | D                        | 4000 K                | 10 mm          | IP 20 N           |
| 02440319           | KAUS 4          | 2737 lm/m         | 161 lm/W             | D                        | 3000 K                | 10 mm          | IP 20 N           |
| 02440225           | KAUS 3          | 2720 lm/m         | 160 lm/W             | D                        | 2700 K                | 10 mm          | IP 20 N           |

## Características eléctricas / Electrical data

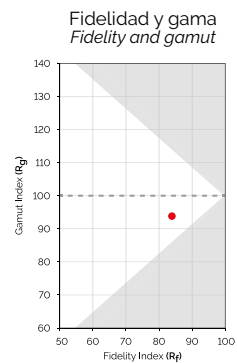
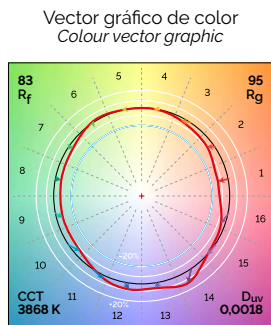
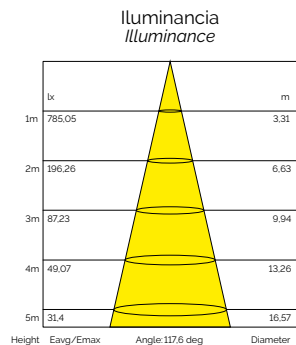
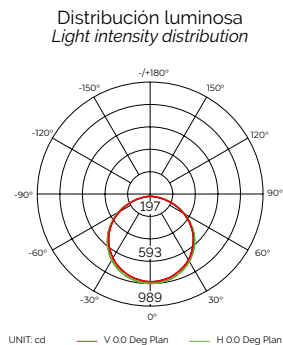
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 17 W/m   |
| Intensidad / Current           | 708 mA/m |
| Intensidad max. / Max. Current | 5 A      |

## Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

## Características técnicas / Technical data

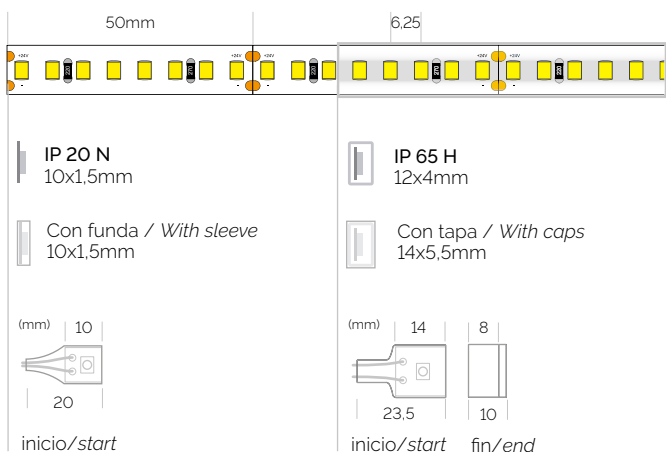
|                                |                    |
|--------------------------------|--------------------|
| Tipo LED / LED Type            | SMD2835            |
| Densidad / Density             | 160 Led/m          |
| Corte mínimo / Cutting unit    | 50 mm              |
| T. almacenamiento / Storage T. | -25°C + 80°C       |
| T. ambiente / Ambient T.       | -20°C + 45°C       |
| Tc                             | 65°C               |
| Paso LED / LED Pitch           | 6,25 mm            |
| Longitud máx. / Max. Length    | 8 m                |
| Adhesivo / Adhesive            | VHB 5604A/VHB 5915 |
| Vida útil / Lifetime           | 50Kh (L80B10)      |
| Garantía / Warranty            | 3 años / years     |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo

*Design detail*



## Perfiles recomendados

*Recommended profiles*

IP20



TSL S19



TSL S15+

IP65 H



TSL S13N



TSL E13N

## Sección cableado (mm²)

*Cabling cross-section*

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |      |     |      |
|-------------------------------|-------------------------------|------|------|-----|------|
|                               | 5m                            | 10m  | 15m  | 20m | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,35 | 0,5 | 0,75 |
| 4 m                           | 0,5                           | 1    | 1,5  | 2,5 | 2,5  |
| 8 m                           | 1                             | 2,5  | 2,5  | 4   | 6    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%)

*Light perception*

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 93 | -   | -   | -   | -   |
| Realimentación   Resupply | 95 | 93  | 88  | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores

*Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

Blanco / White

02281061

02281062



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,30x14,60x7,70mm

10 u.

02390012



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent

Blanco / White

Negro / Black

02280164

02281068

02281067



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096

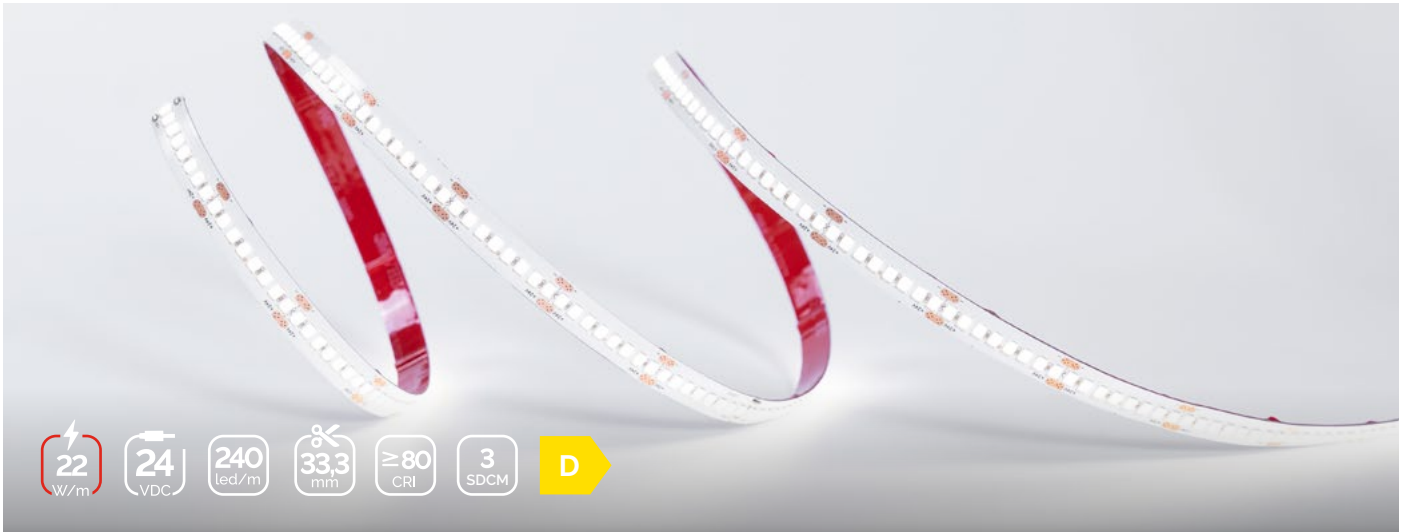


Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x14,60x7,70mm

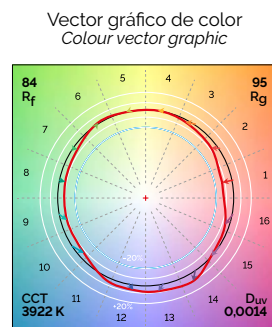
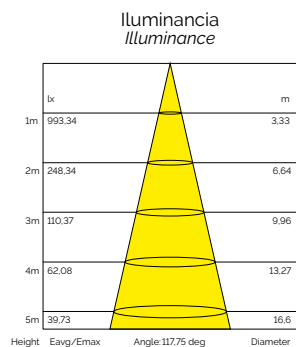
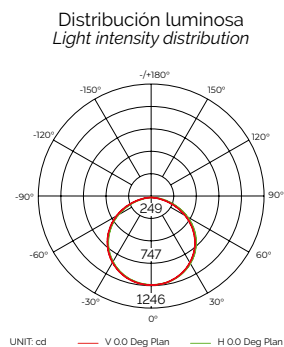
10 u.

02390032



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440226           | KUMA 1          | 3410 lm/m         | 155 lm/W             | D                        | 6000 K                | 10 mm          | IP 20 N  |
| 02440227           | KUMA 2          | 3520 lm/m         | 160 lm/W             | D                        | 4000 K                | 10 mm          | IP 20 N  |
| 02440320           | KUMA 4          | 3300 lm/m         | 150 lm/W             | D                        | 3000 K                | 10 mm          | IP 20 N  |
| 02440228           | KUMA 3          | 3190 lm/m         | 145 lm/W             | E                        | 2700 K                | 10 mm          | IP 20 N  |

| Características eléctricas / Electrical data |                   | Características técnicas / Technical data |                    |
|----------------------------------------------|-------------------|-------------------------------------------|--------------------|
| Tensión / Voltage                            | 24 VDC            | Tipo LED / LED Type                       | SMD2835            |
| Potencia / Power                             | 22 W/m            | Densidad / Density                        | 240 Led/m          |
| Intensidad / Current                         | 917 mA/m          | Corte mínimo / Cutting unit               | 33,3 mm            |
| Intensidad max. / Max. Current               | 5 A               | T. almacenamiento / Storage T.            | -25°C + 80°C       |
|                                              |                   | T. ambiente / Ambient T.                  | -20°C + 45°C       |
|                                              |                   | Tc                                        | 65°C               |
| Características ópticas / Photometric data   |                   | Paso LED / LED Pitch                      | 4,17 mm            |
| CRI                                          | >80               | Longitud máx. / Max. Length               | 6 m                |
| Consistencia / Consistency                   | 3 SDCM            | Adhesivo / Adhesive                       | VHB 5604A/VHB 5915 |
| Ángulo / Angle                               | 120°              | Vida útil / Lifetime                      | 50Kh (L80B10)      |
| Código fotométrico / Photometric code        | 8xx/339           | Garantía / Warranty                       | 3 años / years     |
| Fidelidad color / Colour Fidelity            | 85 R <sub>f</sub> |                                           |                    |
| Gama color / Colour Gamut                    | 95 R <sub>g</sub> |                                           |                    |
| Grupo de riesgo / Risk group                 | GR1               |                                           |                    |



TIRAS FLEXIBLES & PERFILES

# ULTRA SLIM

≥90  
CRI

- Tiras flexibles Ultraslim:

*Ultraslim led strips:*

- TSL IRIS
- TSL ALYA
- TSL SIDD
- TSL EMMA

- Perfiles Ultraslim:

*Ultraslim profiles:*

- S 7
- S 9
- S 10
- E 9
- C 9
- P 9
- D 9



- Superficie luminosa ultra fina.

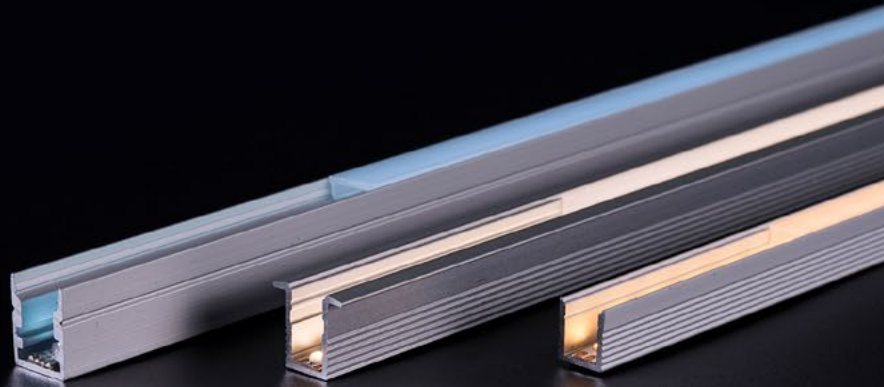
*Ultra slim lighting surface.*

- Rendimiento de color profesional, ideal para la iluminación de producto.

*Professional color performance, ideal for product lighting.*

- Tamaño perfecto para iluminación integrada en mobiliario (armarios, estanterías, expositores).

*Perfect size for lighting integrated in furniture. (cabinets, shelves, exhibitors).*



Perfil S 10 + TSL IRIS 7

Perfil E 9 + TSL SIDD

Perfil S 9 + TSL ALYA



- Las necesidades de iluminación para largas distancias tienen su solución segura y de alto rendimiento con las tiras ultra long de Tecsoled.

La tensión de funcionamiento de 48V permite elegir entre diferentes rendimientos lumínicos, protecciones, densidades y longitud mínima de corte, manteniendo la seguridad y la vida útil de las instalaciones de baja tensión.

- *Where long distance lighting is needed, a safe and high performance solution is Tecsoled ultra long strips.*

*Operating voltage 48V allow to choose between different light output, IP process, densities and cutting unit with the safety and lifetime of low-voltage installations.*

67  
IP

TIRAS FLEXIBLES | LED STRIPS

# ULTRA LONG

TSL OWENS

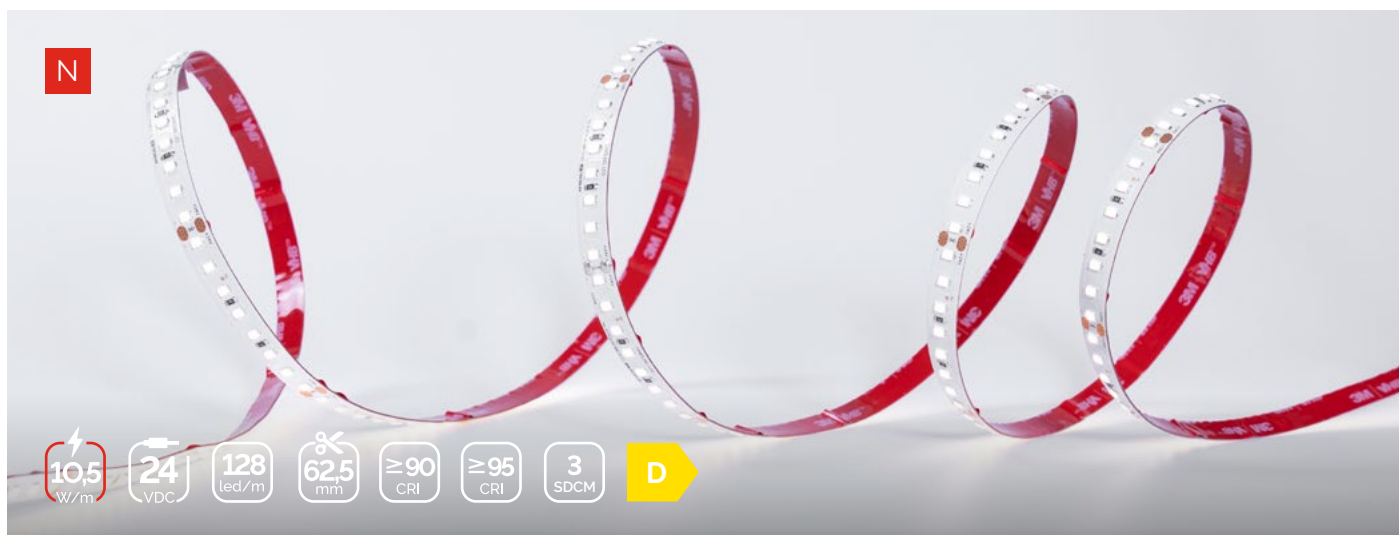
Más lejos, más fácil, más rápido

*Farther, easier, faster*

60m  
de tira continua\*  
*in a continuous strip*

con realimentación | powered by both heads

# TSL VUGA



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440581           | VUGA 1          | 1510 lm/m         | 143 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02440582           | VUGA 2          | 1550 lm/m         | 147 lm/W             | D                        | 4000 K                | 10 mm          | IP 20 N           |
| 02440583           | VUGA 3          | 1475 lm/m         | 140 lm/W             | E                        | 3000 K                | 10 mm          | IP 20 N           |
| 02440584           | VUGA 4          | 1410 lm/m         | 134 lm/W             | E                        | 2700 K                | 10 mm          | IP 20 N           |
| 02440636           | VUGA 1+         | 1345 lm/m         | 128 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02440637           | VUGA 2+         | 1380 lm/m         | 131 lm/W             | E                        | 4000 K                | 10 mm          | IP 20 N           |
| 02440638           | VUGA 3+         | 1315 lm/m         | 125 lm/W             | E                        | 3000 K                | 10 mm          | IP 20 N           |
| 02440639           | VUGA 4+         | 1255 lm/m         | 119 lm/W             | E                        | 2700 K                | 10 mm          | IP 20 N           |

①  
CRI >95 en los modelos plus (+)  
CRI >95 in plus (+) models

## Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 10,5 W/m |
| Intensidad / Current           | 437 mA/m |
| Intensidad max. / Max. Current | 5 A      |

## Características ópticas / Photometric data

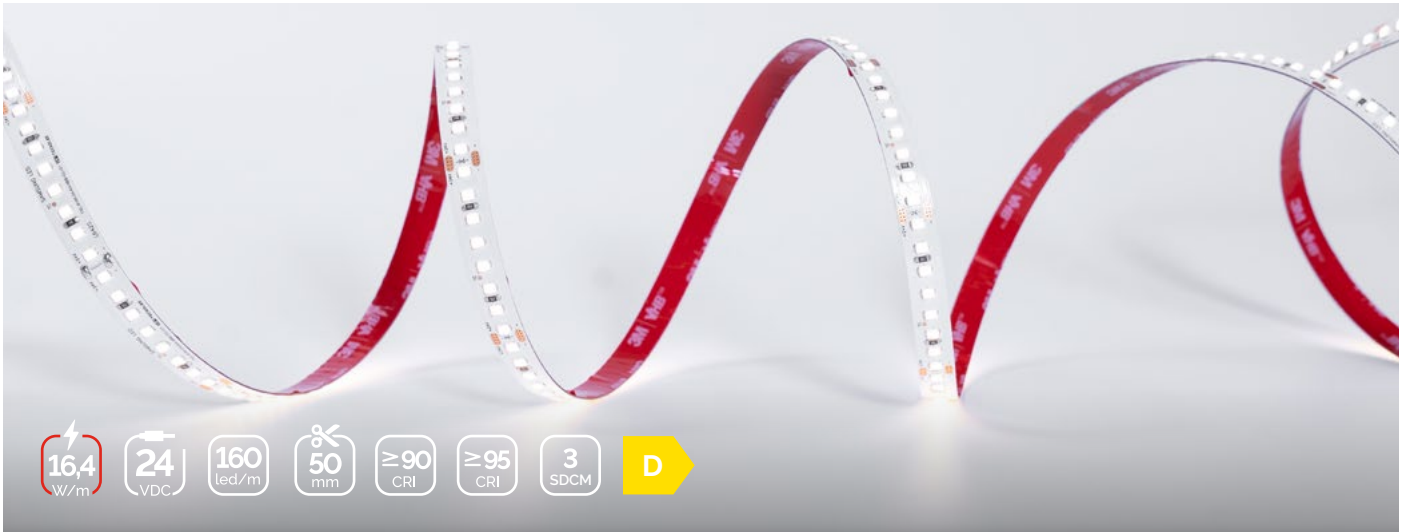
|                                       |                      |
|---------------------------------------|----------------------|
| CRI                                   | >90 / >95            |
| Consistencia / Consistency            | 3 SDCM               |
| Ángulo / Angle                        | 120°                 |
| Código fotométrico / Photometric code | 9xx/339              |
| Fidelidad color / Colour Fidelity     | 90/95 R <sub>f</sub> |
| Gama color / Colour Gamut             | 100 R <sub>g</sub>   |
| Grupo de riesgo / Risk group          | GR1                  |

## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 128 Led/m      |
| Corte mínimo / Cutting unit    | 62,5 mm        |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 7,81 mm        |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | VHB 5604A      |
| Vida útil / Lifetime           | 50Kh (L90B10)  |
| Garantía / Warranty            | 5 años / years |



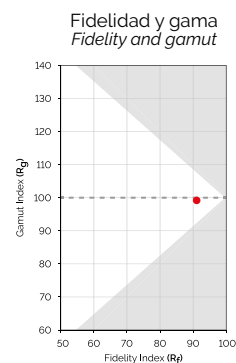
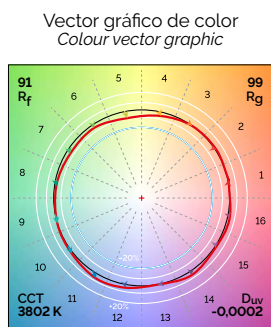
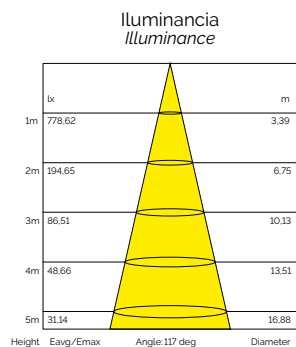
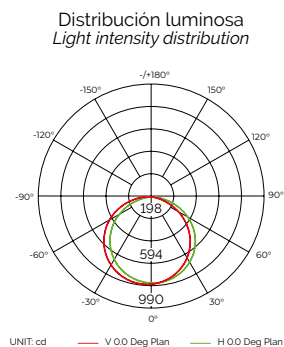




| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02420458           | OGMA 1          | 2350 lm/m         | 143 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02420459           | OGMA 2          | 2400 lm/m         | 146 lm/W             | D                        | 4000 K                | 10 mm          | IP 20 N           |
| 02420460           | OGMA 3          | 2300 lm/m         | 140 lm/W             | E                        | 3000 K                | 10 mm          | IP 20 N           |
| 02420461           | OGMA 4          | 2200 lm/m         | 134 lm/W             | E                        | 2700 K                | 10 mm          | IP 20 N           |
| 02440632           | OGMA 1+         | 2090 lm/m         | 127 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02440633           | OGMA 2+         | 2130 lm/m         | 130 lm/W             | E                        | 4000 K                | 10 mm          | IP 20 N           |
| 02440634           | OGMA 3+         | 2045 lm/m         | 125 lm/W             | E                        | 3000 K                | 10 mm          | IP 20 N           |
| 02440635           | OGMA 4+         | 1955 lm/m         | 119 lm/W             | E                        | 2700 K                | 10 mm          | IP 20 N           |

CRI >95 en los modelos plus (+)  
CRI >95 in plus (+) models

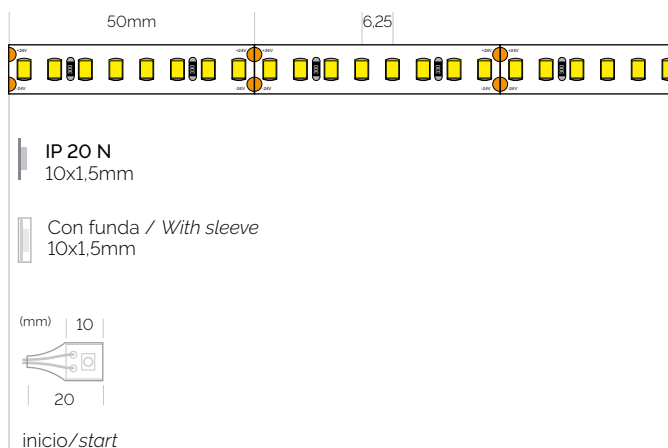
| Características eléctricas / Electrical data |                      | Características técnicas / Technical data |                |
|----------------------------------------------|----------------------|-------------------------------------------|----------------|
| Tensión / Voltage                            | 24 VDC               | Tipo LED / LED Type                       | SMD2835        |
| Potencia / Power                             | 16,4 W/m             | Densidad / Density                        | 160 Led/m      |
| Intensidad / Current                         | 683 mA/m             | Corte mínimo / Cutting unit               | 50 mm          |
| Intensidad max. / Max. Current               | 5 A                  | T. almacenamiento / Storage T.            | -25°C + 80°C   |
|                                              |                      | T. ambiente / Ambient T.                  | -20°C + 45°C   |
|                                              |                      | Tc                                        | 65°C           |
| Características ópticas / Photometric data   |                      | Paso LED / LED Pitch                      | 6,25 mm        |
| CRI                                          | >90 / >95            | Longitud máx. / Max. Length               | 8 m            |
| Consistencia / Consistency                   | 3 SDCM               | Adhesivo / Adhesive                       | VHB 5604A      |
| Ángulo / Angle                               | 120°                 | Vida útil / Lifetime                      | 50Kh (L90B10)  |
| Código fotométrico / Photometric code        | 9xx/339              | Garantía / Warranty                       | 5 años / years |
| Fidelidad color / Colour Fidelity            | 90/95 R <sub>f</sub> |                                           |                |
| Gama color / Colour Gamut                    | 100 R <sub>g</sub>   |                                           |                |
| Grupo de riesgo / Risk group                 | GR1                  |                                           |                |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo

*Design detail*

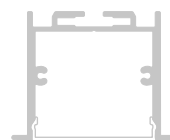


## Perfiles recomendados

*Recommended profiles*



TSL P52



TSL E17N

## Sección cableado (mm²)

*Cabling cross-section*

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |     |     |
|-------------------------------|-------------------------------|-----|------|-----|-----|
|                               | 5m                            | 10m | 15m  | 20m | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,5 | 0,5 |
| 4 m                           | 0,5                           | 1   | 1,5  | 2,5 | 2,5 |
| 8 m                           | 1                             | 2,5 | 2,5  | 4   | 4   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%)

*Light perception*

|                           | 5m  | 10m | 15m | 20m | 25m |
|---------------------------|-----|-----|-----|-----|-----|
| Alimentación   Supply     | 98  | -   | -   | -   | -   |
| Realimentación   Resupply | 100 | 98  | 95  | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores

*Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Terminal hermafrodita  
Hermaphrodite terminal

21,7x9,5x6mm  
10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,30x14,60x7,70mm  
10 u.

02390012

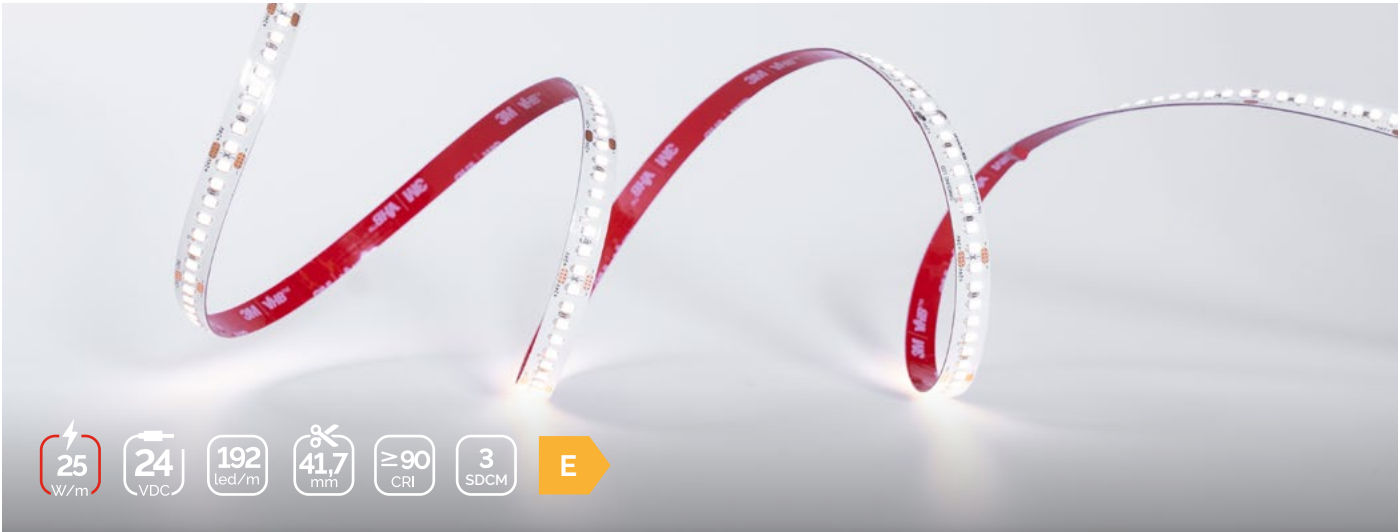


Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x14,60x7,70mm  
10 u.

02390032





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02420462           | INDUS 1         | 3330 lm/m         | 133 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02420463           | INDUS 2         | 3450 lm/m         | 138 lm/W             | E                        | 4000 K                | 10 mm          | IP 20 N           |
| 02420464           | INDUS 3         | 3330 lm/m         | 133 lm/W             | E                        | 3000 K                | 10 mm          | IP 20 N           |
| 02420465           | INDUS 4         | 3190 lm/m         | 127 lm/W             | E                        | 2700 K                | 10 mm          | IP 20 N           |

Características eléctricas / Electrical data

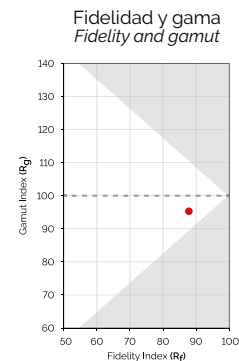
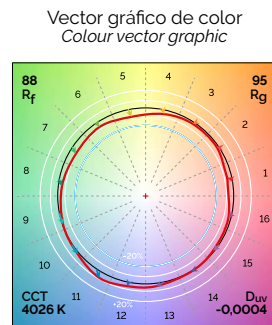
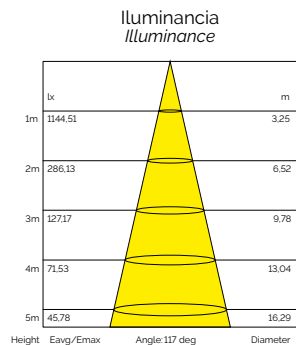
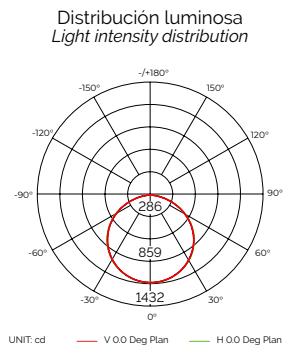
|                                |           |
|--------------------------------|-----------|
| Tensión / Voltage              | 24 VDC    |
| Potencia / Power               | 25 W/m    |
| Intensidad / Current           | 1042 mA/m |
| Intensidad max. / Max. Current | 5 A       |

Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| Consistencia / Consistency            | 3 SDCM             |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

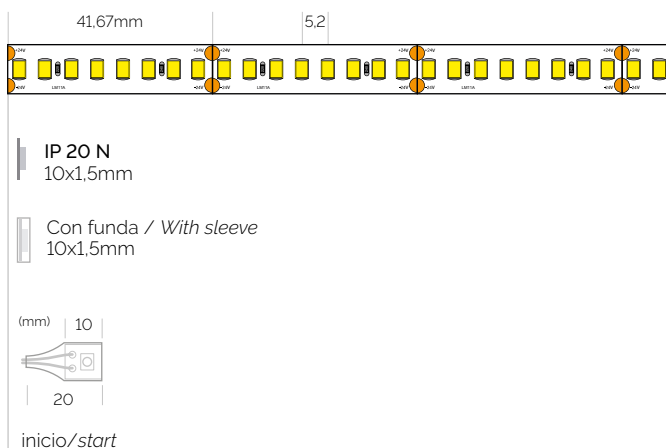
Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 192 Led/m      |
| Corte mínimo / Cutting unit    | 41,67 mm       |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 5,2 mm         |
| Longitud máx. / Max. Length    | 5 m            |
| Adhesivo / Adhesive            | VHB 5604A      |
| Vida útil / Lifetime           | 50Kh (L90B10)  |
| Garantía / Warranty            | 5 años / years |

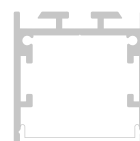


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo



## Perfiles recomendados



TSL P18N



TSL E52

## Sección cableado (mm²)

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,5 | 0,75 | 0,75 |
| 2,5 m                         | 0,5                           | 0,75 | 1,5 | 1,5  | 2,5  |
| 5 m                           | 0,75                          | 1,5  | 2,5 | 4    | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%)

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | -   | -   | -   | -   |
| Realimentación   Resupply | 98 | 95  | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Terminal hermafrodita  
Hermaphrodite terminal

21,7x9,5x6mm  
10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,30x14,60x7,70mm  
10 u.

02390012

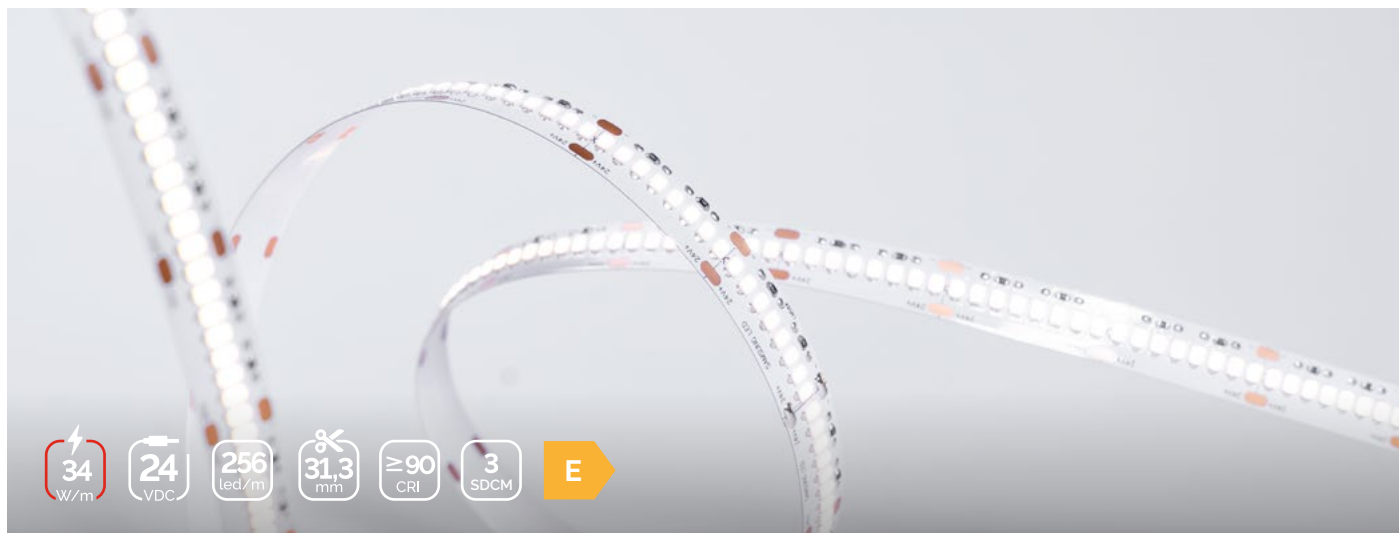


Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x14,60x7,70mm  
10 u.

02390032

# TSL LUAR



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02420466           | LUAR 1          | 4420 lm/m         | 130 lm/W             | E                        | 6000 K                | 12 mm          | IP 20 N           |
| 02420467           | LUAR 2          | 4600 lm/m         | 135 lm/W             | E                        | 4000 K                | 12 mm          | IP 20 N           |
| 02420468           | LUAR 3          | 4420 lm/m         | 130 lm/W             | E                        | 3000 K                | 12 mm          | IP 20 N           |
| 02420469           | LUAR 4          | 4250 lm/m         | 125 lm/W             | E                        | 2700 K                | 12 mm          | IP 20 N           |

## Características eléctricas / Electrical data

|                                |           |
|--------------------------------|-----------|
| Tensión / Voltage              | 24 VDC    |
| Potencia / Power               | 34 W/m    |
| Intensidad / Current           | 1417 mA/m |
| Intensidad max. / Max. Current | 5 A       |

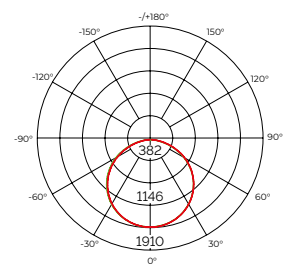
## Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| Consistencia / Consistency            | 3 SDCM             |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

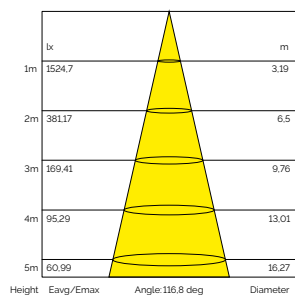
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 256 Led/m      |
| Corte mínimo / Cutting unit    | 31,25 mm       |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 3,9 mm         |
| Longitud máx. / Max. Length    | 2,5 m          |
| Adhesivo / Adhesive            | VHB 5604A      |
| Vida útil / Lifetime           | 50Kh (L90B10)  |
| Garantía / Warranty            | 5 años / years |

Distribución luminosa  
Light intensity distribution

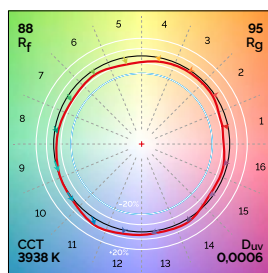


UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

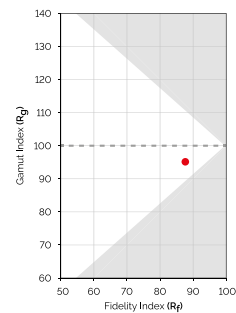
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

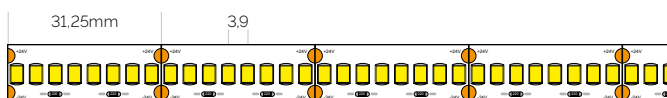


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detail



IP 20 N  
12x1,5mm

Con funda / With sleeve  
12x1,5mm



inicio/start

Perfiles recomendados  
Recommended profiles



TSL P46R



TSL E45R

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |     |     |
|-------------------------------|-------------------------------|-----|------|-----|-----|
|                               | 5m                            | 10m | 15m  | 20m | 25m |
| 1 m                           | 0,35                          | 0,5 | 0,75 | 1   | 1,5 |
| 2,5 m                         | 0,75                          | 1,5 | 2,5  | 2,5 | 4   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 2,5m | 5m  | 10m | 15m | 20m |
|---------------------------|------|-----|-----|-----|-----|
| Alimentación   Supply     | 100  | -   | -   | -   | -   |
| Realimentación   Resupply | 100  | 100 | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

Blanco / White

02281061

02281062

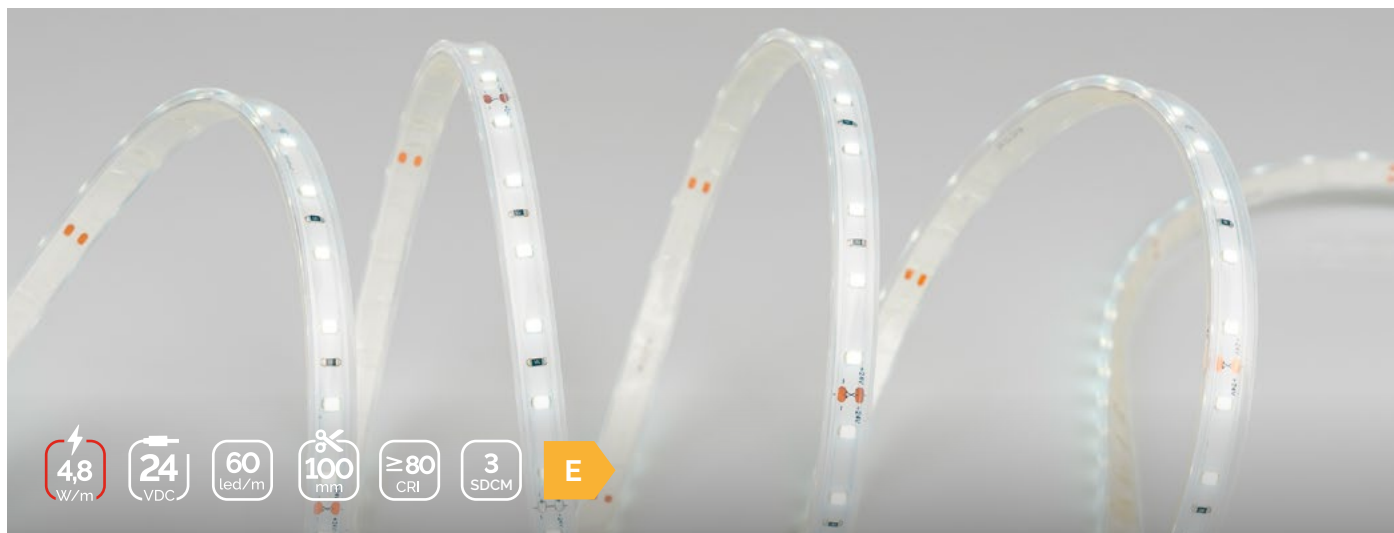


Terminal hermafrodita  
Hermaphrodite terminal

21,7x9,5x6mm

10 u.

02390003



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02580393           | BAST 1          | 580 lm/m          | 120 lm/W             | E                        | 6000 K                | 10 mm          | IP 65 H           |
| 02580394           | BAST 2          | 590 lm/m          | 122 lm/W             | E                        | 4000 K                | 10 mm          | IP 65 H           |
| 02580395           | BAST 3          | 570 lm/m          | 118 lm/W             | F                        | 3000 K                | 10 mm          | IP 65 H           |
| 02580396           | BAST 4          | 520 lm/m          | 108 lm/W             | F                        | 2700 K                | 10 mm          | IP 65 H           |
| 02580397           | BAST 5          | 605 lm/m          | 126 lm/W             | E                        | 6000 K                | 8 mm           | IP 20 N           |
| 02580398           | BAST 6          | 610 lm/m          | 127 lm/W             | E                        | 4000 K                | 8 mm           | IP 20 N           |
| 02580399           | BAST 7          | 600 lm/m          | 125 lm/W             | E                        | 3000 K                | 8 mm           | IP 20 N           |
| 02580400           | BAST 8          | 570 lm/m          | 118 lm/W             | F                        | 2700 K                | 8 mm           | IP 20 N           |

## Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 4,8 W/m  |
| Intensidad / Current           | 200 mA/m |
| Intensidad max. / Max. Current | 5 A      |

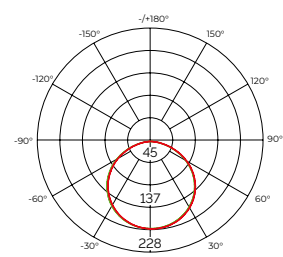
## Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

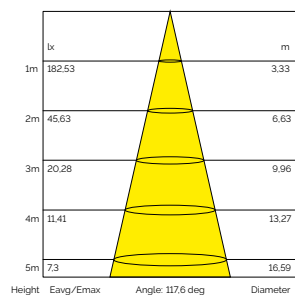
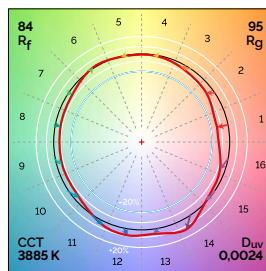
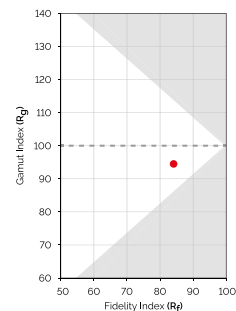
## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 60 Led/m       |
| Corte mínimo / Cutting unit    | 100 mm         |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 16,66 mm       |
| Longitud máx. / Max. Length    | 20 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L70B50)  |
| Garantía / Warranty            | 3 años / years |

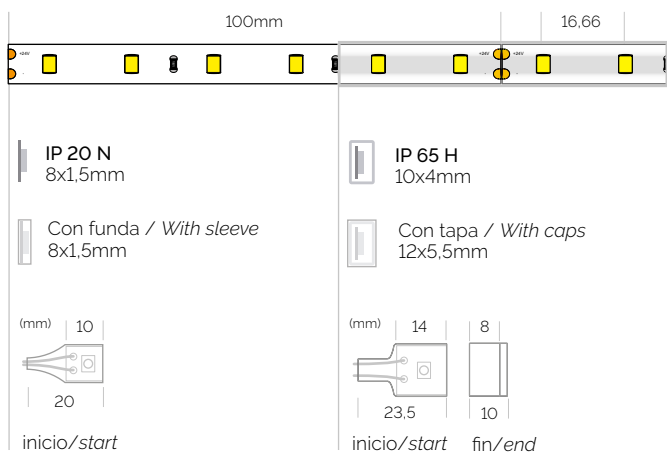


Distribución luminosa  
Light intensity distribution

UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
IlluminanceVector gráfico de color  
Colour vector graphicFidelidad y gama  
Fidelity and gamut

\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detailPerfiles recomendados  
Recommended profiles

IP20



TSL S8



TSL E8

IP65 H



TSL S15



TSL E15

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 5 m                           | 0,2                           | 0,35 | 0,5 | 0,75 | 0,75 |
| 10 m                          | 0,35                          | 0,75 | 1   | 1,5  | 1,5  |
| 20 m                          | 0,75                          | 1,5  | 2,5 | 2,5  | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión &lt;3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop &lt;3%.

Percepción lumínica (%)  
Light perception

|                           | 5m  | 10m | 15m | 20m | 25m |
|---------------------------|-----|-----|-----|-----|-----|
| Alimentación   Supply     | 96  | 88  | 82  | 76  | -   |
| Realimentación   Resupply | 100 | 96  | 92  | 88  | 85  |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.

\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.

\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectorsCable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

02281061

Blanco / White

02281062

Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003

Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,27x12,60x7,66mm

10 u.

02390011

Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent

02280164

Blanco / White

02281068

Negro / Black

02281067

Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

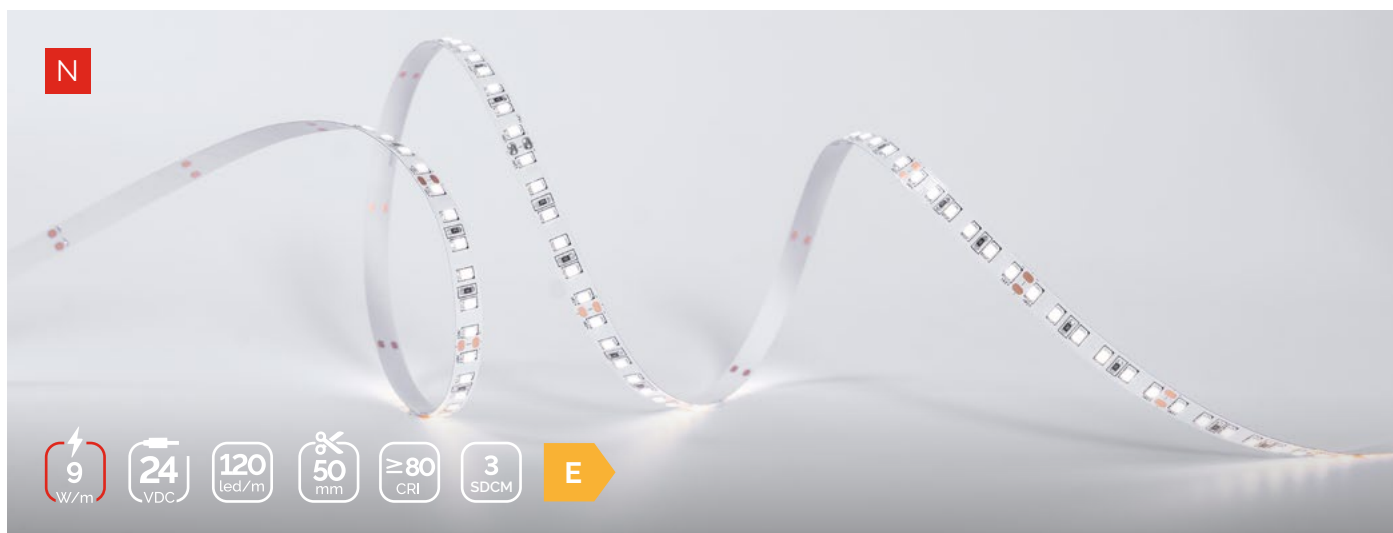
00000096

Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x12,60x7,66mm

10 u.

02390031



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440561           | BILY 1          | 1000 lm/m         | 111 lm/W             | F                        | 6000 K                | 10 mm          | IP 65 H           |
| 02440562           | BILY 2          | 1050 lm/m         | 116 lm/W             | F                        | 4000 K                | 10 mm          | IP 65 H           |
| 02440563           | BILY 3          | 970 lm/m          | 107 lm/W             | F                        | 3000 K                | 10 mm          | IP 65 H           |
| 02440564           | BILY 4          | 920 lm/m          | 102 lm/W             | F                        | 2700 K                | 10 mm          | IP 65 H           |
| 02440565           | BILY 5          | 1080 lm/m         | 120 lm/W             | E                        | 6000 K                | 8 mm           | IP 20 N           |
| 02440566           | BILY 6          | 1120 lm/m         | 124 lm/W             | E                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440567           | BILY 7          | 1050 lm/m         | 116 lm/W             | F                        | 3000 K                | 8 mm           | IP 20 N           |
| 02440568           | BILY 8          | 1000 lm/m         | 111 lm/W             | F                        | 2700 K                | 8 mm           | IP 20 N           |

#### Características eléctricas / Electrical data

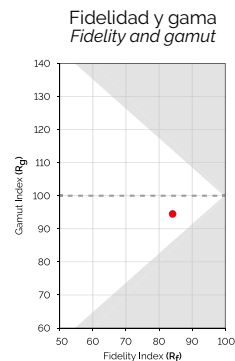
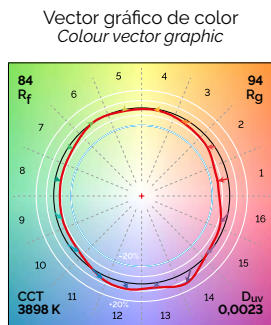
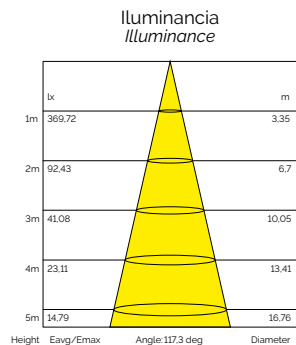
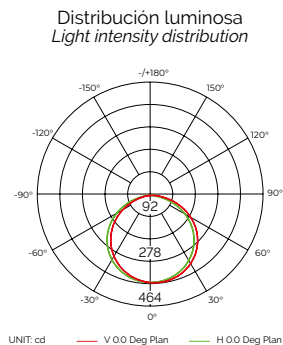
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 9 W/m    |
| Intensidad / Current           | 375 mA/m |
| Intensidad max. / Max. Current | 5 A      |

#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

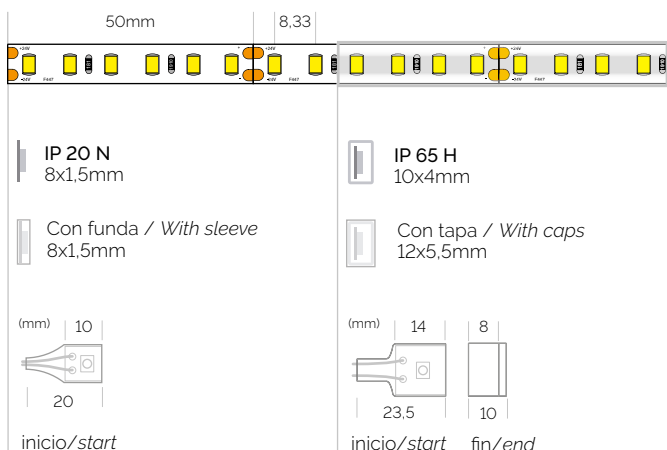
#### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| T <sub>c</sub>                 | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 14 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L70B50)  |
| Garantía / Warranty            | 3 años / years |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo *Design detail*



## Perfiles recomendados *Recommended profiles*

IP20



TSL S8



TSL E8

IP65 H



TSL S15



TSL E15

## Sección cableado (mm²) *Cabling cross-section*

| Longitud tira<br><i>Strip length</i> | Longitud cable / <i>Cable length</i> |     |     |      |      |
|--------------------------------------|--------------------------------------|-----|-----|------|------|
|                                      | 5m                                   | 10m | 15m | 20m  | 25m  |
| 1 m                                  | 0,2                                  | 0,2 | 0,2 | 0,35 | 0,35 |
| 7 m                                  | 0,5                                  | 1   | 1,5 | 2,5  | 2,5  |
| 14 m                                 | 1                                    | 2,5 | 2,5 | 4    | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%) *Light perception*

|                                  | 5m | 10m | 15m | 20m | 25m |
|----------------------------------|----|-----|-----|-----|-----|
| Alimentación   <i>Supply</i>     | 94 | 82  | -   | -   | -   |
| Realimentación   <i>Resupply</i> | 98 | 94  | 88  | 82  | 76  |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores *Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
*PVC flat twin cable 2x0,50mm²*

Transparente / *Transparent*  
Blanco / *White*

02281061  
02281062



Cable sección redonda PVC 2x0,75mm²  
*PVC round cross cable 2x0,75mm²*

Transparente / *Transparent*  
Blanco / *White*  
Negro / *Black*

02280164  
02281068  
02281067



Terminal hermafrodita  
*Hermaphrodite terminal*  
21,7x9,5x6mm

10 u.

02390003



Set conectores M/H 2P IP67  
*Cable connectors set M/F 2P IP67*  
41,5x16mm / 40x16mm

1 u.

00000096



Conector IDC Tira-Cable 2P IP20  
*Strip-Wire IDC connector 2P IP20*  
24,27x12,60x7,66mm

10 u.

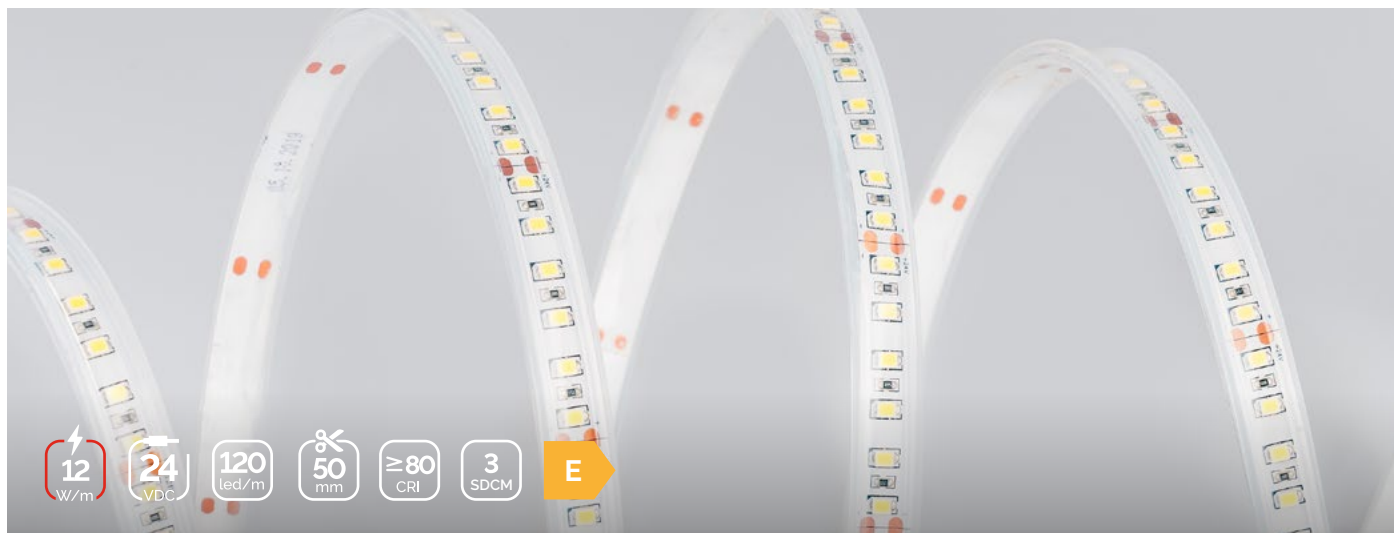
02390011



Conector IDC Tira-Tira 2P IP20  
*Strip-Strip IDC connector 2P IP20*  
19,55x12,60x7,66mm

10 u.

02390031



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02580344           | BONE 1          | 1350 lm/m         | 112 lm/W             | F                        | 6000 K                | 12 mm          | IP 65 H           |
| 02580345           | BONE 2          | 1400 lm/m         | 116 lm/W             | F                        | 4000 K                | 12 mm          | IP 65 H           |
| 02580346           | BONE 3          | 1300 lm/m         | 108 lm/W             | F                        | 3000 K                | 12 mm          | IP 65 H           |
| 02580347           | BONE 4          | 1250 lm/m         | 104 lm/W             | F                        | 2700 K                | 12 mm          | IP 65 H           |
| 02580348           | BONE 5          | 1450 lm/m         | 120 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02580349           | BONE 6          | 1500 lm/m         | 125 lm/W             | E                        | 4000 K                | 10 mm          | IP 20 N           |
| 02580350           | BONE 7          | 1400 lm/m         | 116 lm/W             | F                        | 3000 K                | 10 mm          | IP 20 N           |
| 02580351           | BONE 8          | 1350 lm/m         | 112 lm/W             | F                        | 2700 K                | 10 mm          | IP 20 N           |

### Características eléctricas / Electrical data

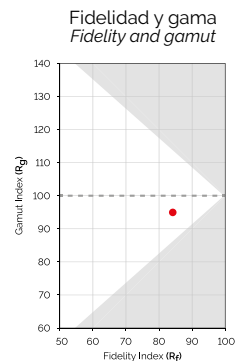
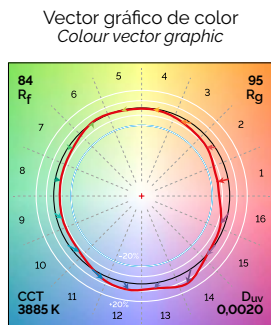
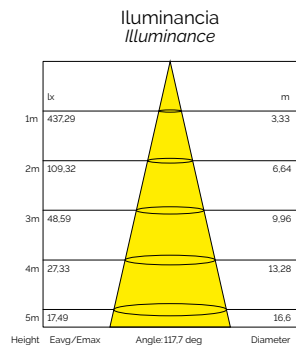
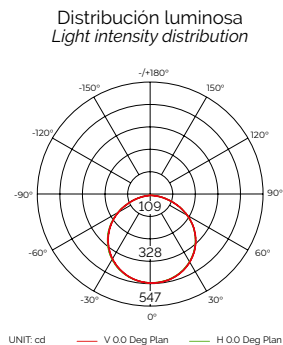
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 12 W/m   |
| Intensidad / Current           | 500 mA/m |
| Intensidad max. / Max. Current | 5 A      |

### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

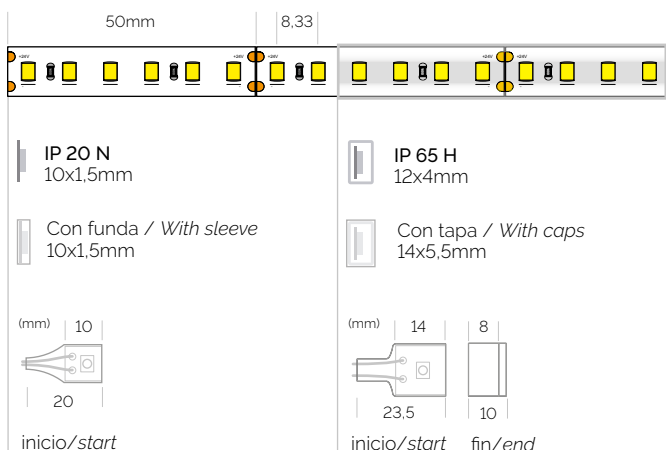
### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 12 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L70B50)  |
| Garantía / Warranty            | 3 años / years |

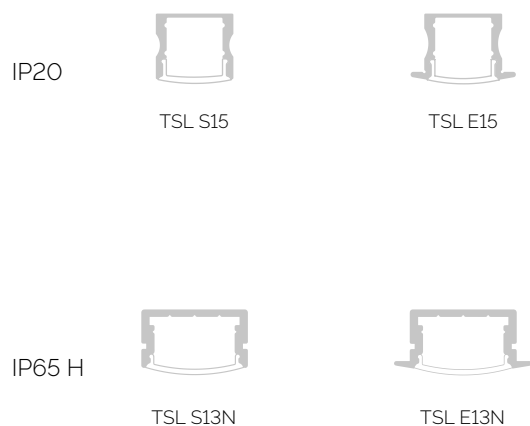


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo *Design detail*



## Perfiles recomendados *Recommended profiles*



## Sección cableado (mm²) *Cabling cross-section*

| Longitud tira<br><i>Strip length</i> | Longitud cable / <i>Cable length</i> |     |      |      |     |
|--------------------------------------|--------------------------------------|-----|------|------|-----|
|                                      | 5m                                   | 10m | 15m  | 20m  | 25m |
| 1 m                                  | 0,2                                  | 0,2 | 0,35 | 0,35 | 0,5 |
| 6 m                                  | 0,5                                  | 1   | 1,5  | 2,5  | 2,5 |
| 12 m                                 | 1                                    | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%) *Light perception*

|                                  | 5m | 10m | 15m | 20m | 25m |
|----------------------------------|----|-----|-----|-----|-----|
| Alimentación   <i>Supply</i>     | 92 | 76  | -   | -   | -   |
| Realimentación   <i>Resupply</i> | 96 | 92  | 84  | 76  | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.

\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.

\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores *Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
*PVC flat twin cable 2x0,50mm²*

Transparente / *Transparent*  
Blanco / *White*

02281061  
02281062



Cable sección redonda PVC 2x0,75mm²  
*PVC round cross cable 2x0,75mm²*

Transparente / *Transparent*  
Blanco / *White*  
Negro / *Black*

02280164  
02281068  
02281067



Terminal hermafrodita  
*Hermaphrodite terminal*  
21,7x9,5x6mm

10 u.

02390003



Set conectores M/H 2P IP67  
*Cable connectors set M/H 2P IP67*  
41,5xØ16mm / 40xØ16mm

1 u.

00000096



Conector IDC Tira-Cable 2P IP20  
*Strip-Wire IDC connector 2P IP20*  
24,30x14,60x7,70mm

10 u.

02390012



Conector IDC Tira-Tira 2P IP20  
*Strip-Strip IDC connector 2P IP20*  
19,55x14,60x7,70mm

10 u.

02390032









| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02580352           | BELL 1          | 2580 lm/m         | 117 lm/W             | F                        | 6000 K                | 12 mm          | IP 65 H           |
| 02580353           | BELL 2          | 2640 lm/m         | 120 lm/W             | E                        | 4000 K                | 12 mm          | IP 65 H           |
| 02580354           | BELL 3          | 2525 lm/m         | 115 lm/W             | F                        | 3000 K                | 12 mm          | IP 65 H           |
| 02580355           | BELL 4          | 2410 lm/m         | 110 lm/W             | F                        | 2700 K                | 12 mm          | IP 65 H           |
| 02580356           | BELL 5          | 2700 lm/m         | 123 lm/W             | E                        | 6000 K                | 10 mm          | IP 20 N           |
| 02580357           | BELL 6          | 2750 lm/m         | 125 lm/W             | E                        | 4000 K                | 10 mm          | IP 20 N           |
| 02580358           | BELL 7          | 2700 lm/m         | 123 lm/W             | E                        | 3000 K                | 10 mm          | IP 20 N           |
| 02580359           | BELL 8          | 2580 lm/m         | 117 lm/W             | F                        | 2700 K                | 10 mm          | IP 20 N           |

### Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 22 W/m   |
| Intensidad / Current           | 916 mA/m |
| Intensidad max. / Max. Current | 5 A      |

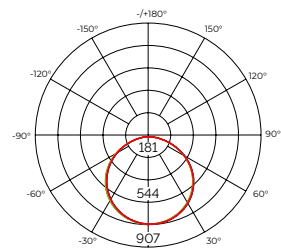
### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

### Características técnicas / Technical data

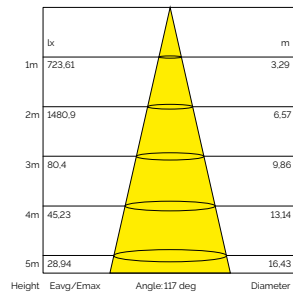
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 6 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L70B50)  |
| Garantía / Warranty            | 3 años / years |

Distribución luminosa  
Light intensity distribution



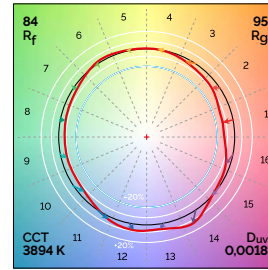
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

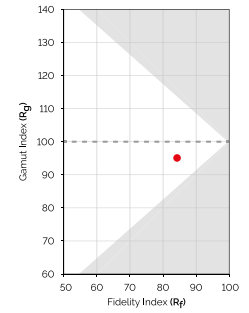


Height Eavg/Emax Angle: 117 deg Diameter

Vector gráfico de color  
Colour vector graphic

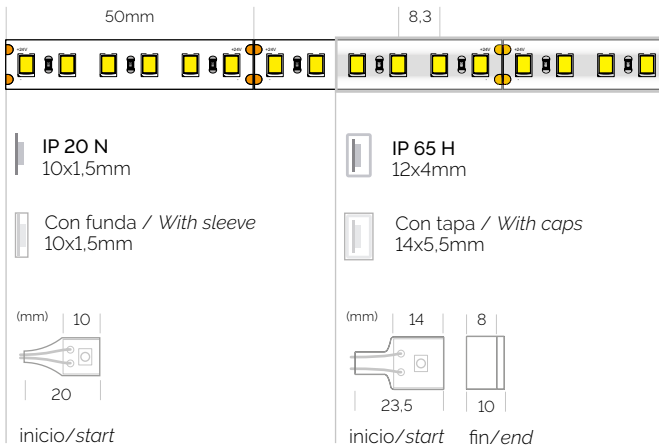


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detail



Perfiles recomendados  
Recommended profiles



Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,5 | 0,75 | 0,75 |
| 3 m                           | 0,5                           | 1    | 1,5 | 2,5  | 2,5  |
| 6 m                           | 1                             | 2,5  | 4   | 4    | 6    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

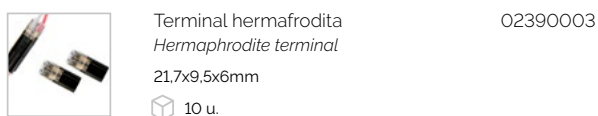
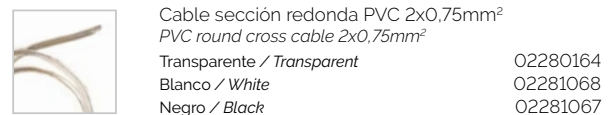
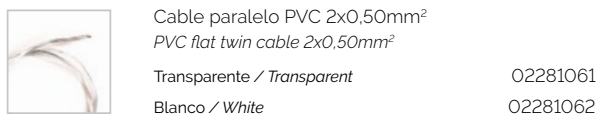
Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 88 | -   | -   | -   | -   |
| Realimentación   Resupply | 94 | 88  | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors







| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02420307           | ALYA 1          | 690 lm/m          | 105 lm/W             | F                        | 6000 K                | 4 mm           | IP 20 N  |
| 02420308           | ALYA 2          | 710 lm/m          | 110 lm/W             | F                        | 4000 K                | 4 mm           | IP 20 N  |
| 02420309           | ALYA 3          | 660 lm/m          | 100 lm/W             | F                        | 3000 K                | 4 mm           | IP 20 N  |
| 02420310           | ALYA 4          | 600 lm/m          | 90 lm/W              | G                        | 2700 K                | 4 mm           | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 6,6 W/m  |
| Intensidad / Current           | 275 mA/m |
| Intensidad max. / Max. Current | 3 A      |

Características ópticas / Photometric data

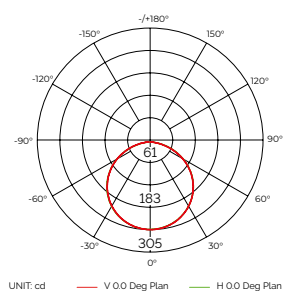
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| Consistencia / Consistency            | 3 SDCM             |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

Características técnicas / Technical data

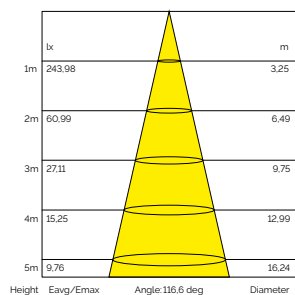
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2216        |
| Densidad / Density             | 140 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 7,14 mm        |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |



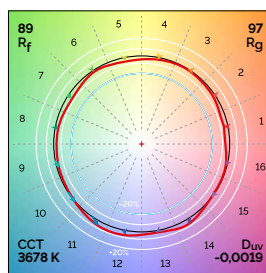
Distribución luminosa  
Light intensity distribution



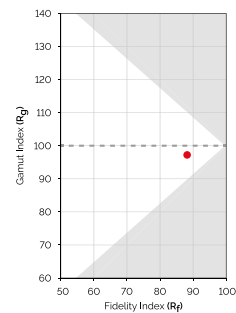
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut

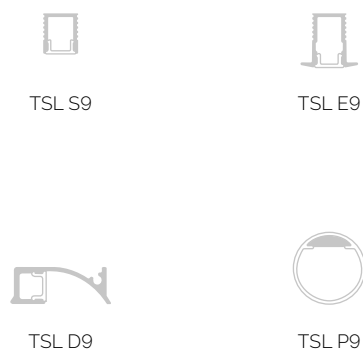


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detail



Perfiles recomendados  
Recommended profiles



Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |     |     |
|-------------------------------|-------------------------------|-----|------|-----|-----|
|                               | 5m                            | 10m | 15m  | 20m | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,2  | 0,2 | 0,2 |
| 5 m                           | 0,2                           | 0,5 | 0,75 | 1   | 1   |
| 10 m                          | 0,5                           | 1   | 1,5  | 2,5 | 2,5 |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | 88  | -   | -   | -   |
| Realimentación   Resupply | 98 | 95  | 92  | 88  |     |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,20mm²  
PVC flat twin cable 2x0,20mm²

Transparente / Transparent

02281061

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

Fuen. PSU



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440604           | SIDD 1          | 1450 lm/m         | 138 lm/W             | E                        | 6000 K                | 5 mm           | IP 20 N  |
| 02440605           | SIDD 2          | 1500 lm/m         | 142 lm/W             | E                        | 4000 K                | 5 mm           | IP 20 N  |
| 02440606           | SIDD 3          | 1400 lm/m         | 133 lm/W             | E                        | 3000 K                | 5 mm           | IP 20 N  |
| 02440607           | SIDD 4          | 1350 lm/m         | 128 lm/W             | E                        | 2700 K                | 5 mm           | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 10,5 W/m |
| Intensidad / Current           | 438 mA/m |
| Intensidad max. / Max. Current | 3 A      |

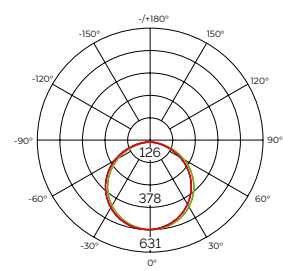
Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| Consistencia / Consistency            | 3 SDCM             |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

Características técnicas / Technical data

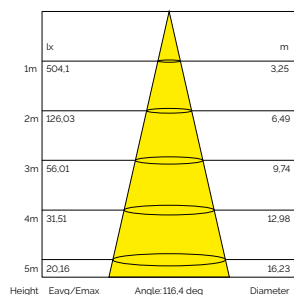
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2216        |
| Densidad / Density             | 288 Led/m      |
| Corte mínimo / Cutting unit    | 27,8 mm        |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 3,47 mm        |
| Longitud máx. / Max. Length    | 5 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

Distribución luminosa  
Light intensity distribution



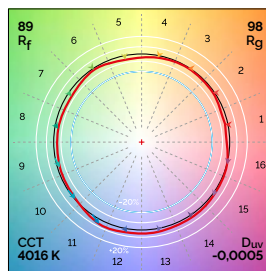
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

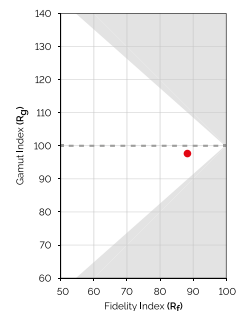


Height Eavg/Emax Angle 116.4 deg Diameter

Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detail



IP 20 N  
5x1,5mm

Con funda / With sleeve  
5x1,5mm



inicio/start

Perfiles recomendados  
Recommended profiles



TSL S9



TSL S7



TSL D9



TSL C9

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,2  | 0,2 | 0,35 | 0,35 |
| 2,5 m                         | 0,2                           | 0,35 | 0,5 | 0,75 | 1    |
| 5 m                           | 0,35                          | 0,75 | 1   | 1,5  | 2,5  |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 90 | -   | -   | -   | -   |
| Realimentación   Resupply | 95 | 90  | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,20mm²  
PVC flat twin cable 2x0,20mm²

Transparente / Transparent

02281061

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

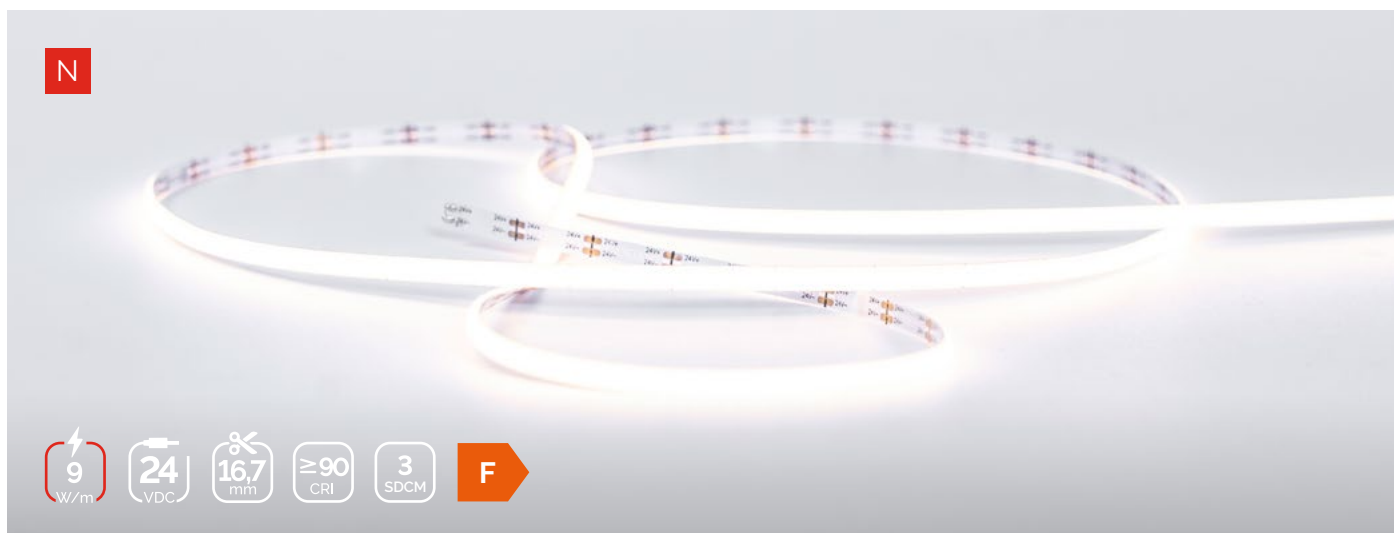
Prod.

Deco.

Mod.

Cont.

Fuen. PSU



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440644           | EMMA 1          | 880 lm/m          | 98 lm/W              | F                        | 6000 K                | 4 mm           | IP 20 N           |
| 02440645           | EMMA 2          | 870 lm/m          | 97 lm/W              | F                        | 4000 K                | 4 mm           | IP 20 N           |
| 02440646           | EMMA 3          | 850 lm/m          | 94 lm/W              | F                        | 3000 K                | 4 mm           | IP 20 N           |
| 02440647           | EMMA 4          | 820 lm/m          | 91 lm/W              | G                        | 2700 K                | 4 mm           | IP 20 N           |

#### Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 9 W/m    |
| Intensidad / Current           | 375 mA/m |
| Intensidad max. / Max. Current | 3 A      |

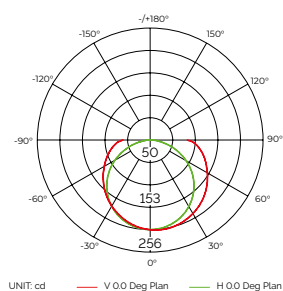
#### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| Consistencia / Consistency            | 3 SDCM             |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

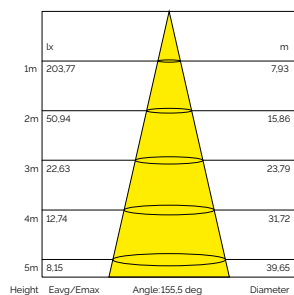
#### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | COF            |
| Densidad / Density             | -              |
| Corte mínimo / Cutting unit    | 16,7 mm        |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | -              |
| Longitud máx. / Max. Length    | 7 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

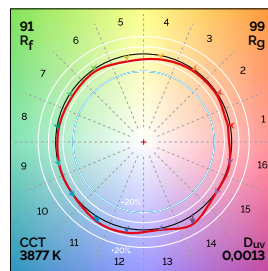
Distribución luminosa  
Light intensity distribution



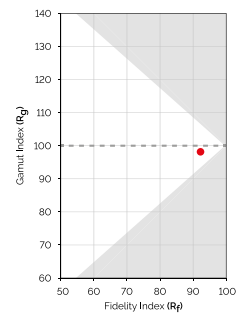
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

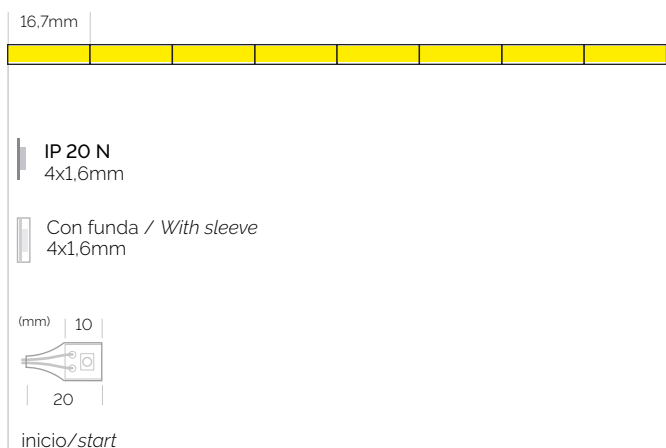


Fidelidad y gama  
Fidelity and gamut

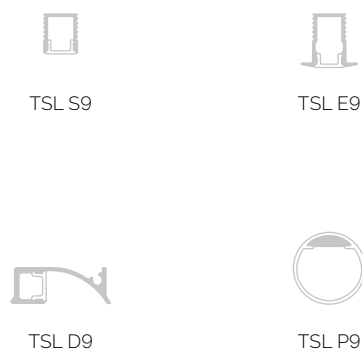


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detail



Perfiles recomendados  
Recommended profiles



Sección cableado (mm<sup>2</sup>)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,2  | 0,2 | 0,2  | 0,35 |
| 4 m                           | 0,2                           | 0,35 | 0,5 | 0,75 | 1    |
| 8 m                           | 0,35                          | 0,75 | 1   | 1,5  | 2,5  |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 93 | -   | -   | -   | -   |
| Realimentación   Resupply | 95 | 93  | 88  | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,20mm<sup>2</sup>  
PVC flat twin cable 2x0,20mm<sup>2</sup>

Transparente / Transparent

02281061

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

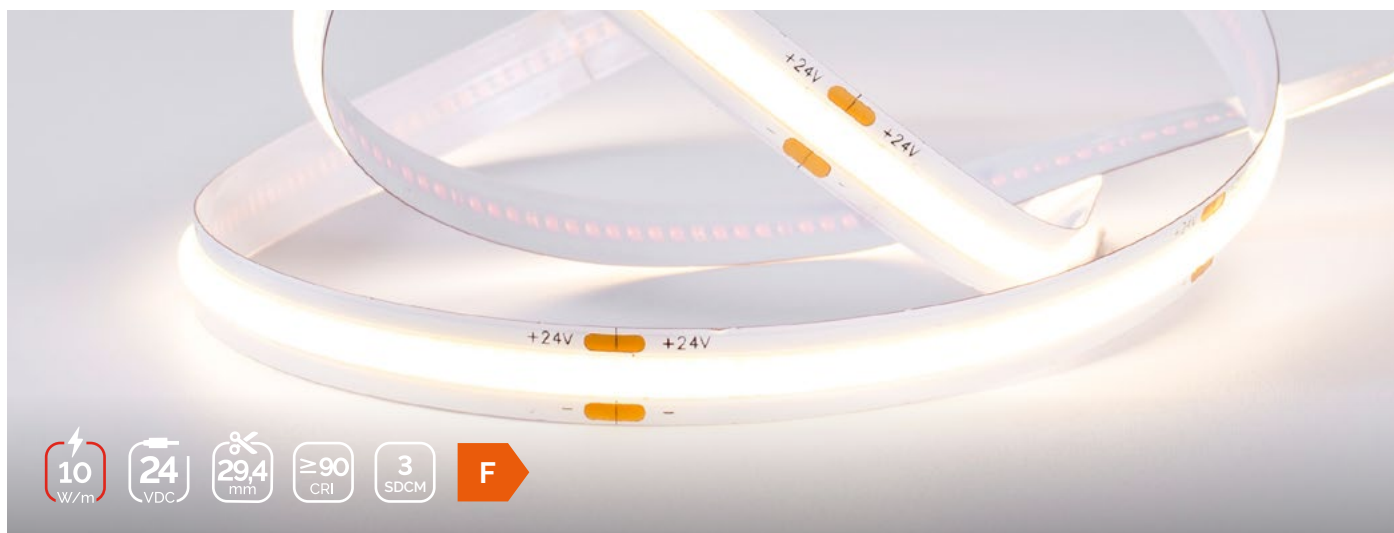
Deco.

Mod.

Cont.

Fuen. PSU





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                             |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-----------------------------------------------------------------------------------------------|
| 02420470           | WILD 1          | 1000 lm/m         | 100 lm/W             | F                        | 6000 K                | 8 mm           | IP 20 N    |
| 02420471           | WILD 2          | 980 lm/m          | 98 lm/W              | F                        | 4000 K                | 8 mm           | IP 20 N    |
| 02420472           | WILD 3          | 950 lm/m          | 95 lm/W              | F                        | 3000 K                | 8 mm           | IP 20 N    |
| 02420473           | WILD 4          | 945 lm/m          | 94 lm/W              | F                        | 2700 K                | 8 mm           | IP 20 N    |
| 02440640           | WILD 5          | 985 lm/m          | 98,5 lm/W            | F                        | 6000 K                | 13 mm          | IP 65 W    |
| 02440641           | WILD 6          | 965 lm/m          | 96 lm/W              | F                        | 4000 K                | 13 mm          | IP 65 W  |
| 02440642           | WILD 7          | 940 lm/m          | 93 lm/W              | F                        | 3000 K                | 13 mm          | IP 65 W  |
| 02440643           | WILD 8          | 935 lm/m          | 93 lm/W              | F                        | 2700 K                | 13 mm          | IP 65 W  |

#### Características eléctricas / Electrical data

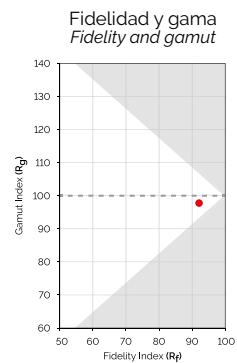
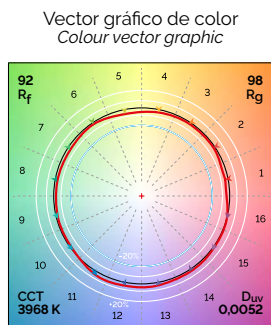
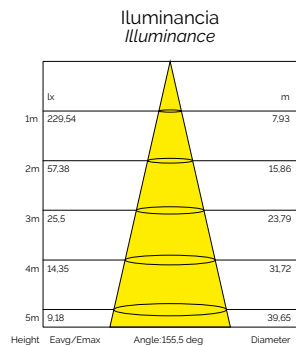
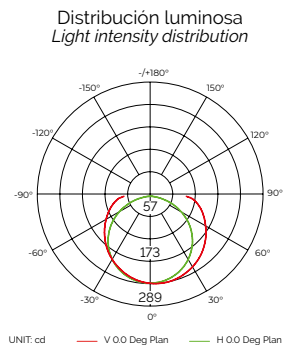
|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 10 W/m   |
| Intensidad / Current           | 417 mA/m |
| Intensidad max. / Max. Current | 5 A      |

#### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| Consistencia / Consistency            | 3 SDCM             |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | 9xx/339            |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

#### Características técnicas / Technical data

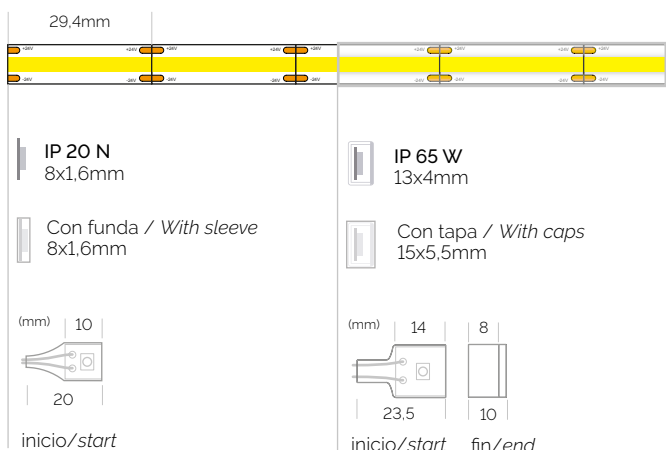
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | COF            |
| Densidad / Density             | -              |
| Corte mínimo / Cutting unit    | 29,41 mm       |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | -              |
| Longitud máx. / Max. Length    | 12 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

## Detalle constructivo

*Design detail*



## Perfiles recomendados

*Recommended profiles*

IP20



TSL S8



TSL SF1

IP65 W



TSL S13N



TSL E13N

## Sección cableado (mm²)

*Cabling cross-section*

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |      |
|-------------------------------|-------------------------------|------|-----|------|------|
|                               | 5m                            | 10m  | 15m | 20m  | 25m  |
| 1 m                           | 0,2                           | 0,2  | 0,2 | 0,35 | 0,35 |
| 6 m                           | 0,5                           | 0,75 | 1,5 | 1,5  | 2,5  |
| 12 m                          | 0,75                          | 1,5  | 2,5 | 4    | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%)

*Light perception*

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | 84  | -   | -   | -   |
| Realimentación   Resupply | 97 | 95  | 89  | 84  | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores

*Cabling & connectors*



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

Blanco / White

02281061

02281062



Terminal hermafrodita  
Hermaphrodite terminal

21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,27x12,60x7,66mm

10 u.

02390011



Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x12,60x7,66mm

10 u.

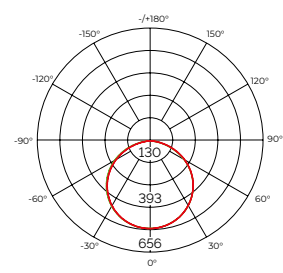
02390031



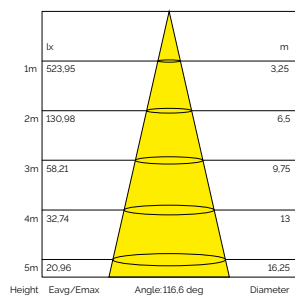
| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02420297           | DUAL 2          | 1600 lm/m         | 100 lm/W             | F                        | CCT                   | 8 mm           | IP 20 N           |

| Características eléctricas / Electrical data |                    | Características técnicas / Technical data |                |
|----------------------------------------------|--------------------|-------------------------------------------|----------------|
| Tensión / Voltage                            | 24 VDC             | Tipo LED / LED Type                       | SMD2216        |
| Potencia / Power                             | 16 W/m             | Densidad / Density                        | 280 Led/m      |
| Intensidad / Current                         | 667 mA/m           | Corte mínimo / Cutting unit               | 50 mm          |
| Intensidad max. / Max. Current               | 5 A                | T. almacenamiento / Storage T.            | -25°C + 80°C   |
|                                              |                    | T. ambiente / Ambient T.                  | -20°C + 45°C   |
|                                              |                    | Tc                                        | 65°C           |
| Características ópticas / Photometric data   |                    | Paso LED / LED Pitch                      | 7,14 mm        |
| CRI                                          | >90                | Longitud máx. / Max. Length               | 8 m            |
| Consistencia / Consistency                   | 3 SDCM             | Adhesivo / Adhesive                       | 3M 300LSE      |
| Ángulo / Angle                               | 120°               | Vida útil / Lifetime                      | 50Kh (L80B10)  |
| Código fotométrico / Photometric code        | 9xx/339            | Garantía / Warranty                       | 3 años / years |
| Fidelidad color / Colour Fidelity            | 90 R <sub>f</sub>  |                                           |                |
| Gama color / Colour Gamut                    | 100 R <sub>g</sub> |                                           |                |
| Grupo de riesgo / Risk group                 | GR1                |                                           |                |

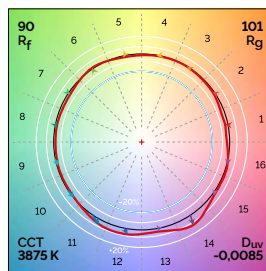
Distribución luminosa  
Light intensity distribution



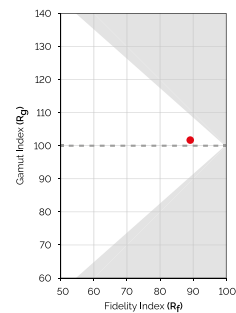
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

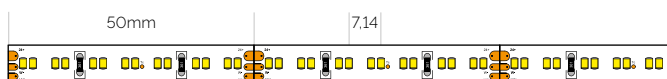


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm CCT. / Photometric test conducted on a 1000 mm CCT LED strip.

Detalle constructivo  
Design detail



IP 20 N  
8x1mm

Con funda / With sleeve  
8x1mm

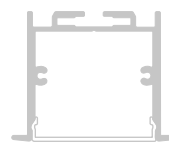


inicio/start

Perfiles recomendados  
Recommended profiles



TSL P52



TSL E17N

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |      |     |      |
|-------------------------------|-------------------------------|------|------|-----|------|
|                               | 5m                            | 10m  | 15m  | 20m | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,35 | 0,5 | 0,75 |
| 4 m                           | 0,5                           | 1    | 1,5  | 2,5 | 2,5  |
| 8 m                           | 1                             | 2,5  | 2,5  | 4   | 6    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 90 | -   | -   | -   | -   |
| Realimentación   Resupply | 95 | 90  | 85  | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 3x0,50mm²  
PVC flat twin cable 3x0,50mm²

CCT

02281063



Conector IDC Tira-Cable 3P IP20  
Strip-Wire IDC connector 3P IP20

24,30x14,60x7,20mm

10 u.

02390013



Conector IDC Tira-Tira 3P IP20  
Strip-Strip IDC connector 3P IP20

19,55x14,60x7mm

10 u.

02390033

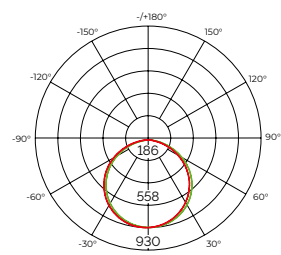


| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440608           | DUAL 4          | 2200 lm/m         | 110 lm/W             | F                        | CCT                   | 10 mm          | IP 20 N           |

| Características eléctricas / Electrical data |                    | Características técnicas / Technical data |                |
|----------------------------------------------|--------------------|-------------------------------------------|----------------|
| Tensión / Voltage                            | 24 VDC             | Tipo LED / LED Type                       | SMD2835        |
| Potencia / Power                             | 20 W/m             | Densidad / Density                        | 196 Led/m      |
| Intensidad / Current                         | 833 mA/m           | Corte mínimo / Cutting unit               | 71,4 mm        |
| Intensidad max. / Max. Current               | 5 A                | T. almacenamiento / Storage T.            | -25°C + 80°C   |
|                                              |                    | T. ambiente / Ambient T.                  | -20°C + 45°C   |
|                                              |                    | Tc                                        | 65°C           |
| Características ópticas / Photometric data   |                    | Paso LED / LED Pitch                      | 10,2 mm        |
| CRI                                          | >90                | Longitud máx. / Max. Length               | 6 m            |
| Consistencia / Consistency                   | 3 SDCM             | Adhesivo / Adhesive                       | 3M 300LSE      |
| Ángulo / Angle                               | 120°               | Vida útil / Lifetime                      | 50Kh (L80B10)  |
| Código fotométrico / Photometric code        | 9xx/339            | Garantía / Warranty                       | 3 años / years |
| Fidelidad color / Colour Fidelity            | 90 R <sub>f</sub>  |                                           |                |
| Gama color / Colour Gamut                    | 100 R <sub>g</sub> |                                           |                |
| Grupo de riesgo / Risk group                 | GR1                |                                           |                |

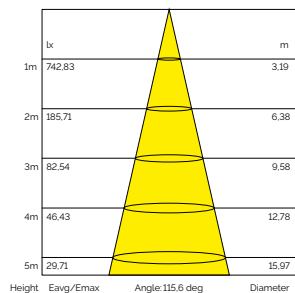


Distribución luminosa  
Light intensity distribution



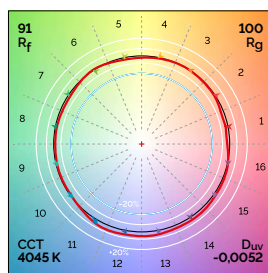
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

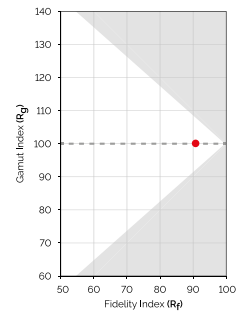


Height 5m Avg/Emax Angle: 115.6 deg Diameter 15.97m

Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm CCT. / Photometric test conducted on a 1000 mm CCT LED strip.

Detalle constructivo  
Design detail



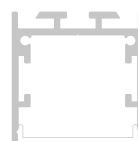
IP 20 N  
10x1,5mm

Con funda / With sleeve  
10x1,5mm



inicio/start

Perfiles recomendados  
Recommended profiles



TSL P18N



TSL E52

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |     |      |
|-------------------------------|-------------------------------|------|-----|-----|------|
|                               | 5m                            | 10m  | 15m | 20m | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,5 | 0,5 | 0,75 |
| 3 m                           | 0,5                           | 0,75 | 1,5 | 1,5 | 2,5  |
| 6 m                           | 0,75                          | 1,5  | 2,5 | 4   | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 90 | -   | -   | -   | -   |
| Realimentación   Resupply | 95 | 90  | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 3x0,50mm²  
PVC flat twin cable 3x0,50mm²

CCT

02281063



Conector IDC Tira-Cable 3P IP20  
Strip-Wire IDC connector 3P IP20

24,30x14,60x7,20mm

10 u.

02390013



Conector IDC Tira-Tira 3P IP20  
Strip-Strip IDC connector 3P IP20

19,55x14,60x7mm

10 u.

02390033

Get  
INSPIRED

 **TECSOLED**

La mejor manera  
de inspirarse y ver  
como lucen nuestros  
productos en  
proyectos reales.

*The best way to get inspired  
and see how our products look  
like in real projects.*

## Living

Soluciones luminicas para proyectos del  
sector residencial. Hogar dulce hogar.

*Lighting solutions for housing projects.  
Home sweet home.*

## Contract

Diseños luminicos para el sector terciario  
y edificaciones públicas. Soluciones exi-  
gentes pensadas para implementarse en  
grandes proyectos.

*Lighting designs for the tertiary sector and  
public buildings. Demanding solutions de-  
signed to be implemented in large projects.*

## Retail

Proyectos que giran en torno al producto  
con soluciones pensadas para exponer,  
orientar o crear atmosferas en espacios  
comerciales.

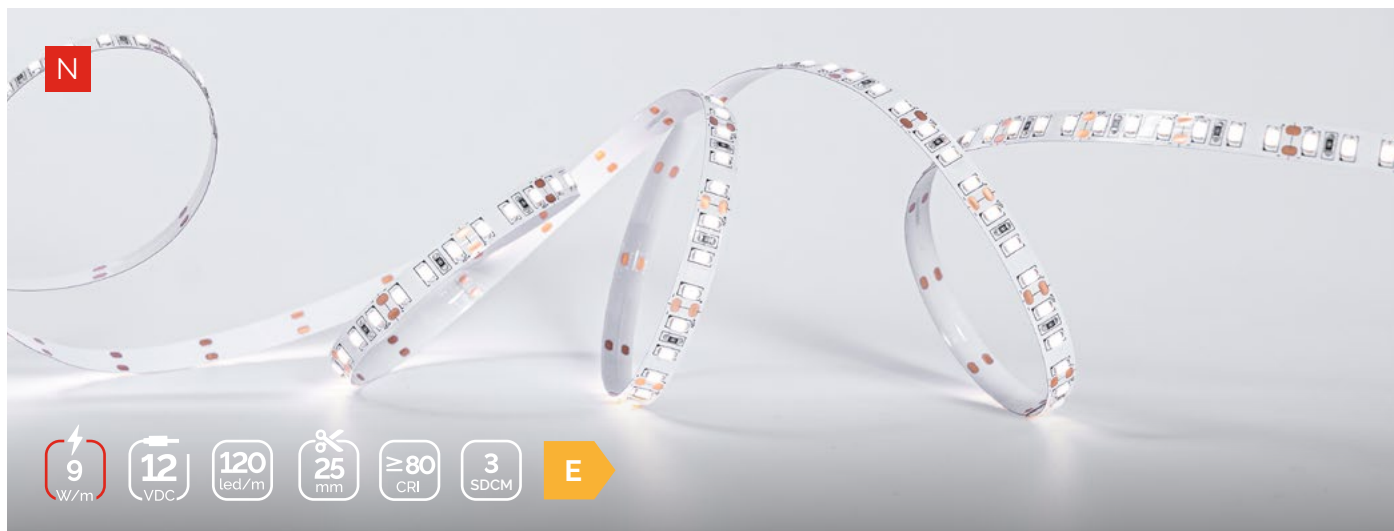
*Projects that revolve around the product  
with solutions designed to display, focus or  
create atmospheres in commercial spaces.*



Escanea este código para verlo online  
o solicita tu ejemplar al Departamento  
Comercial.

*Scan this code to view it online or request your  
copy from the Sales Department.*





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440569           | VOLX 1          | 1053 lm/m         | 117 lm/W             | F                        | 6000 K                | 10 mm          | IP 67             |
| 02440570           | VOLX 2          | 1080 lm/m         | 120 lm/W             | E                        | 4000 K                | 10 mm          | IP 67             |
| 02440571           | VOLX 3          | 1035 lm/m         | 115 lm/W             | F                        | 3000 K                | 10 mm          | IP 67             |
| 02440572           | VOLX 4          | 990 lm/m          | 110 lm/W             | F                        | 2700 K                | 10 mm          | IP 67             |
| 02440573           | VOLX 5          | 1098 lm/m         | 122 lm/W             | E                        | 6000 K                | 10 mm          | IP 65 H           |
| 02440574           | VOLX 6          | 1125 lm/m         | 125 lm/W             | E                        | 4000 K                | 10 mm          | IP 65 H           |
| 02440575           | VOLX 7          | 1080 lm/m         | 120 lm/W             | E                        | 3000 K                | 10 mm          | IP 65 H           |
| 02440576           | VOLX 8          | 1035 lm/m         | 115 lm/W             | F                        | 2700 K                | 10 mm          | IP 65 H           |
| 02440577           | VOLX 9          | 1143 lm/m         | 127 lm/W             | E                        | 6000 K                | 8 mm           | IP 20 N           |
| 02440578           | VOLX 10         | 1170 lm/m         | 130 lm/W             | E                        | 4000 K                | 8 mm           | IP 20 N           |
| 02440579           | VOLX 11         | 1125 lm/m         | 125 lm/W             | E                        | 3000 K                | 8 mm           | IP 20 N           |
| 02440580           | VOLX 12         | 1080 lm/m         | 120 lm/W             | E                        | 2700 K                | 8 mm           | IP 20 N           |

### Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 12VDC    |
| Potencia / Power               | 9 W/m    |
| Intensidad / Current           | 750 mA/m |
| Intensidad max. / Max. Current | 5 A      |

### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 25 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 7 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |







| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02420438           | OWENS 1         | 1000 lm/m         | 113 lm/W             | F                        | 6000 K                | 12 mm          | IP 67             |
| 02420439           | OWENS 2         | 1020 lm/m         | 115 lm/W             | F                        | 4000 K                | 12 mm          | IP 67             |
| 02420440           | OWENS 3         | 990 lm/m          | 112 lm/W             | F                        | 3000 K                | 12 mm          | IP 67             |
| 02420441           | OWENS 4         | 950 lm/m          | 107 lm/W             | F                        | 2700 K                | 12 mm          | IP 67             |
| 02420442           | OWENS 5         | 1030 lm/m         | 117 lm/W             | F                        | 6000 K                | 10 mm          | IP 20 N           |
| 02420443           | OWENS 6         | 1050 lm/m         | 119 lm/W             | E                        | 4000 K                | 10 mm          | IP 20 N           |
| 02420444           | OWENS 7         | 1020 lm/m         | 116 lm/W             | F                        | 3000 K                | 10 mm          | IP 20 N           |
| 02420445           | OWENS 8         | 990 lm/m          | 112 lm/W             | F                        | 2700 K                | 10 mm          | IP 20 N           |

### Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 48 VDC   |
| Potencia / Power               | 8,8 W/m  |
| Intensidad / Current           | 183 mA/m |
| Intensidad max. / Max. Current | 5 A      |

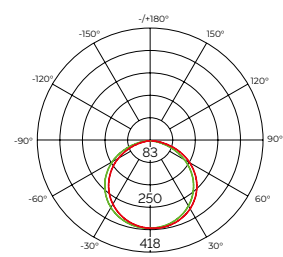
### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

### Características técnicas / Technical data

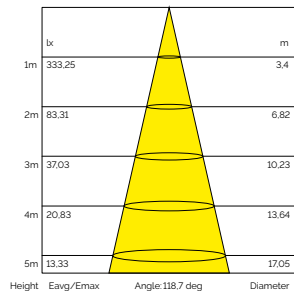
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 33,33 mm       |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 30 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

Distribución luminosa  
Light intensity distribution



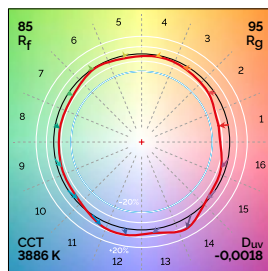
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

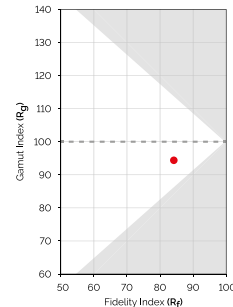


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

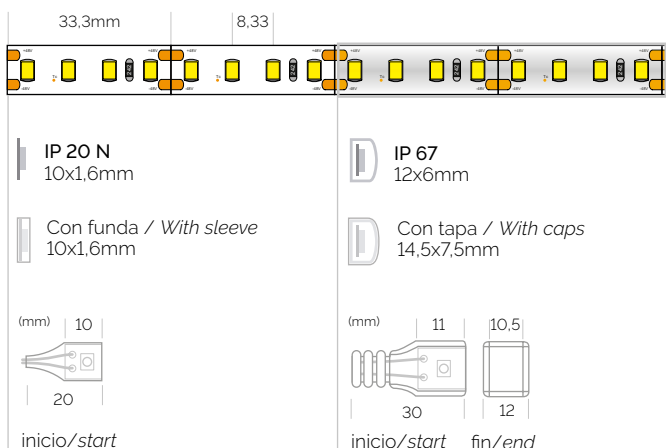
Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



Detalle constructivo  
Design detail



Perfiles recomendados  
Recommended profiles



Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |      |      |      |
|-------------------------------|-------------------------------|------|------|------|------|
|                               | 5m                            | 10m  | 15m  | 20m  | 25m  |
| 10 m                          | 0,35                          | 0,5  | 0,75 | 0,75 | 0,75 |
| 20 m                          | 0,35                          | 0,75 | 1    | 1,5  | 1,5  |
| 30 m                          | 0,5                           | 1    | 1,5  | 2,5  | 2,5  |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 15m | 30m | 40m | 50m | 60m |
|---------------------------|-----|-----|-----|-----|-----|
| Alimentación   Supply     | 98  | 96  | -   | -   | -   |
| Realimentación   Resupply | 100 | 99  | 98  | 97  | 96  |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent  
Blanco / White

02281061  
02281062



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent  
Blanco / White  
Negro / Black

02280164  
02281068  
02281067



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20  
24,30x14,60x7,70mm

10 u.

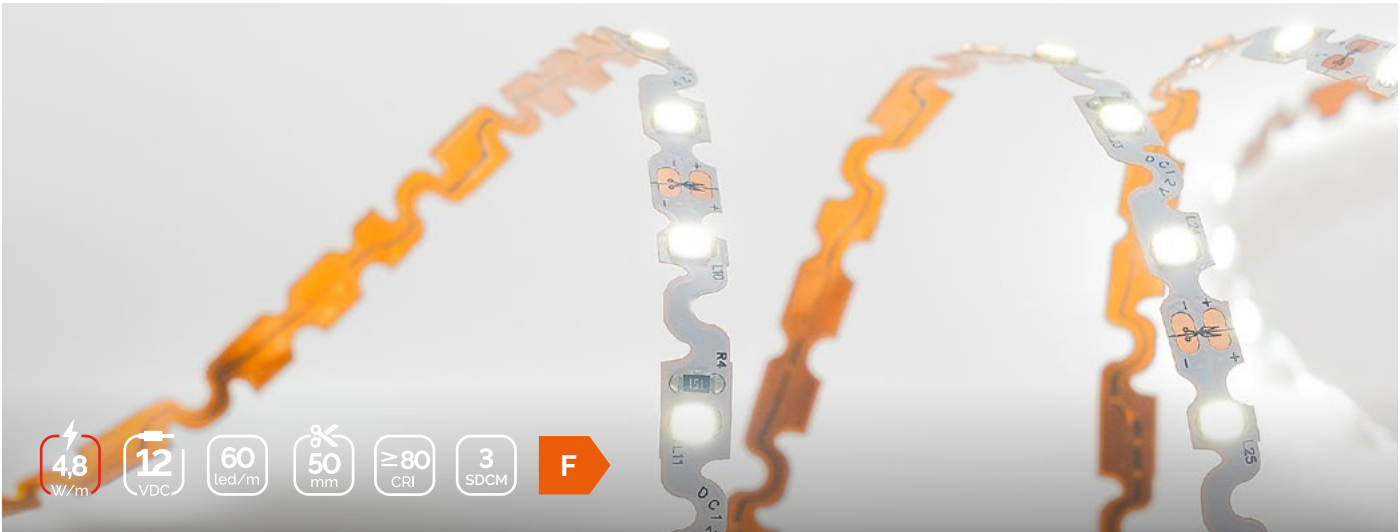
02390012



Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20  
19,55x14,60x7,70mm

10 u.

02390032



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440306           | BEND 1          | 450 lm/m          | 93 lm/W              | F                        | 6000 K                | 6 mm           | IP 20 N  |
| 02440492           | BEND 2          | 460 lm/m          | 96 lm/W              | F                        | 4000 K                | 6 mm           | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 12 VDC   |
| Potencia / Power               | 4,8 W/m  |
| Intensidad / Current           | 400 mA/m |
| Intensidad max. / Max. Current | 5 A      |

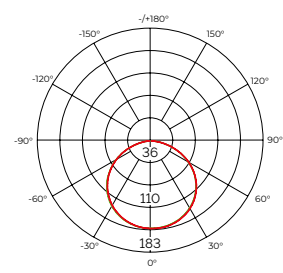
Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 83 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

Características técnicas / Technical data

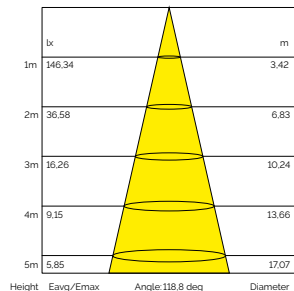
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 60 Led/m       |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 16,66 mm       |
| Longitud máx. / Max. Length    | 5 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

Distribución luminosa  
Light intensity distribution



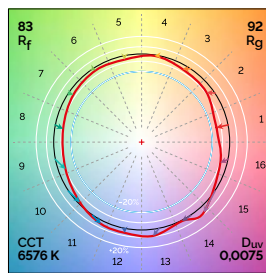
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

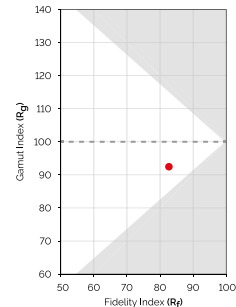


Height Eavg/Emax Angle 118.8 deg Diameter

Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 6000K. / Photometric test conducted on a 1000 mm and 6000K LED strip.

Detalle constructivo  
Design detail



IP 20 N  
6x1,5mm

Con funda / With sleeve  
6x1,5mm



inicio/start

Sección cableado (mm<sup>2</sup>)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |      |     |      |
|-------------------------------|-------------------------------|------|------|-----|------|
|                               | 5m                            | 10m  | 15m  | 20m | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,35 | 0,5 | 0,75 |
| 2,5 m                         | 0,35                          | 0,75 | 1    | 1,5 | 1,5  |
| 5 m                           | 0,75                          | 1,5  | 2,5  | 2,5 | 4    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 85 | -   | -   | -   | -   |
| Realimentación   Resupply | 93 | 85  | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,20mm<sup>2</sup>  
PVC flat twin cable 2x0,20mm<sup>2</sup>

Transparente / Transparent

02281061

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

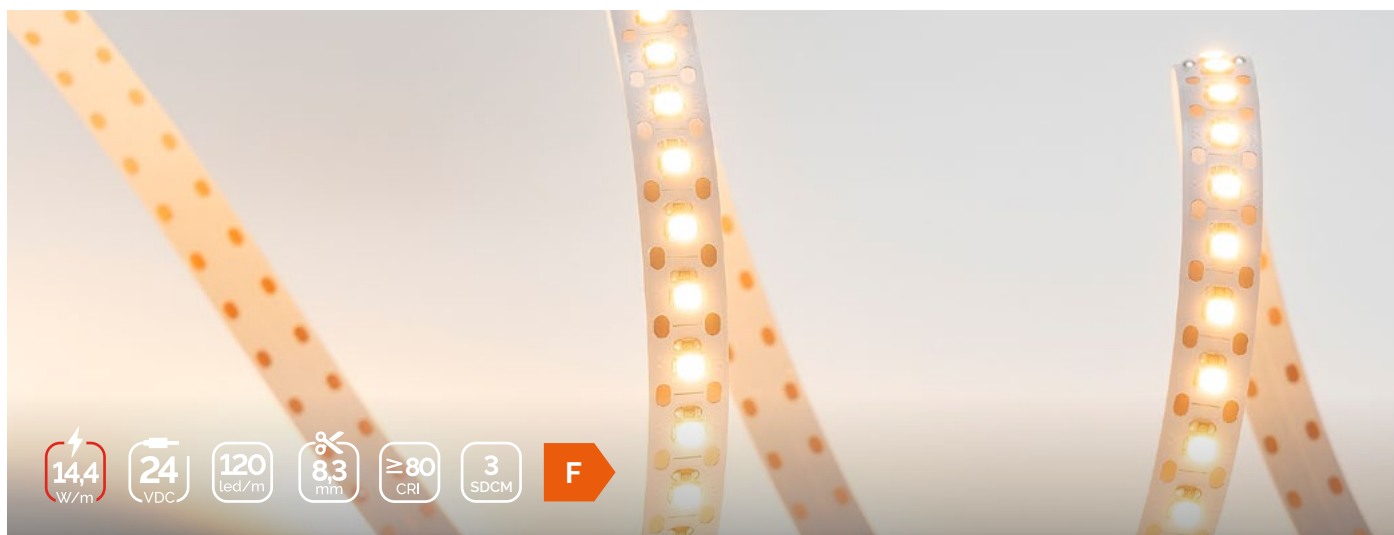
Prod.

Deco.

Mod.

Cont.

Fuen. PSU



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440303           | HUNA 4          | 1650 lm/m         | 114 lm/W             | F                        | 6000 K                | 10 mm          | IP 20 N  |
| 02440304           | HUNA 5          | 1680 lm/m         | 116 lm/W             | F                        | 4000 K                | 10 mm          | IP 20 N  |
| 02440321           | HUNA 7          | 1550 lm/m         | 107 lm/W             | F                        | 3000 K                | 10 mm          | IP 20 N  |
| 02440305           | HUNA 6          | 1520 lm/m         | 105 lm/W             | F                        | 2700 K                | 10 mm          | IP 20 N  |

#### Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 14,4 W/m |
| Intensidad / Current           | 600 mA/m |
| Intensidad max. / Max. Current | 5 A      |

#### Características ópticas / Photometric data

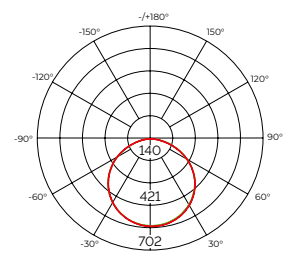
|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

#### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 8,33 mm        |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

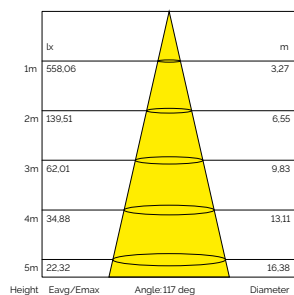


Distribución luminosa  
Light intensity distribution



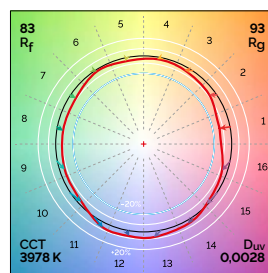
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance



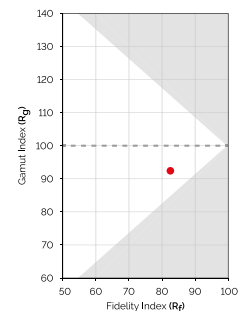
Height Eavg/Emax Angle: 117 deg Diameter

Vector gráfico de color  
Colour vector graphic



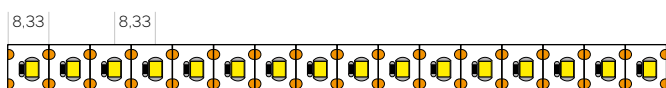
CCT 3978 K Duv 0.0028

Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

Detalle constructivo  
Design detail



IP 20 N  
10x1,5mm

Con funda / With sleeve  
10x1,5mm



inicio/start

Perfiles recomendados  
Recommended profiles



TSL S14



TSL E14



TSL S8



TSL E8

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |      |     |
|-------------------------------|-------------------------------|-----|------|------|-----|
|                               | 5m                            | 10m | 15m  | 20m  | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,35 | 0,5 |
| 5 m                           | 0,5                           | 1   | 1,5  | 2,5  | 2,5 |
| 10 m                          | 1                             | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | 88  | -   | -   | -   |
| Realimentación   Resupply | 98 | 95  | 91  | 88  | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

Blanco / White

02281061

02281062



Terminal hermafrodita  
Hermaphrodite terminal

21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20

24,30x14,60x7,70mm

10 u.

02390012

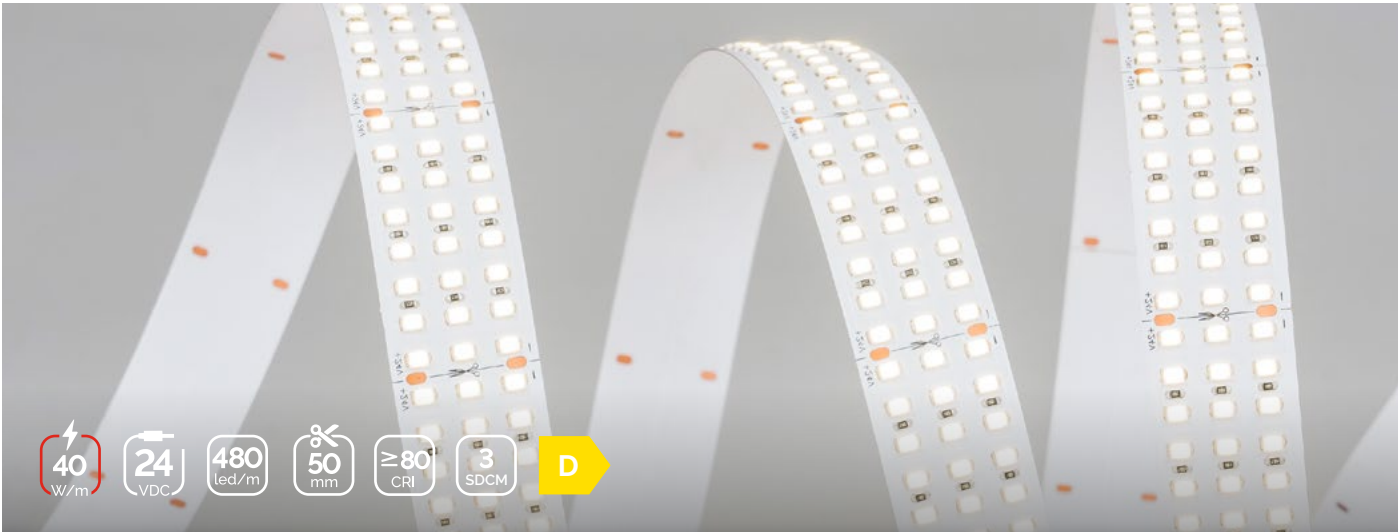


Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20

19,55x14,60x7,70mm

10 u.

02390032



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440371           | ROWS 1          | 6250 lm/m         | 156 lm/W             | D                        | 6000 K                | 25 mm          | IP 20 N  |
| 02440372           | ROWS 2          | 6400 lm/m         | 160 lm/W             | D                        | 4000 K                | 25 mm          | IP 20 N  |
| 02440373           | ROWS 3          | 6040 lm/m         | 151 lm/W             | D                        | 3000 K                | 25 mm          | IP 20 N  |
| 02440374           | ROWS 4          | 5840 lm/m         | 146 lm/W             | D                        | 2700 K                | 25 mm          | IP 20 N  |

Características eléctricas / Electrical data

|                                |           |
|--------------------------------|-----------|
| Tensión / Voltage              | 24 VDC    |
| Potencia / Power               | 40 W/m    |
| Intensidad / Current           | 1667 mA/m |
| Intensidad max. / Max. Current | 5 A       |

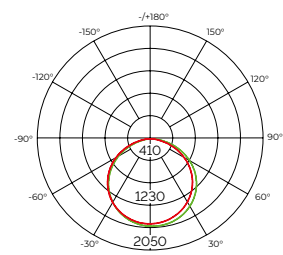
Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

Características técnicas / Technical data

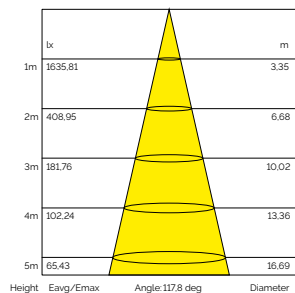
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 480 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 6,2 mm         |
| Longitud máx. / Max. Length    | 3 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

Distribución luminosa  
Light intensity distribution



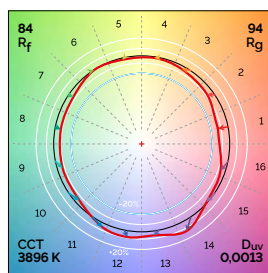
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

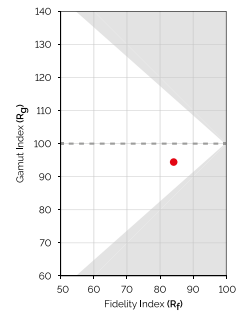


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

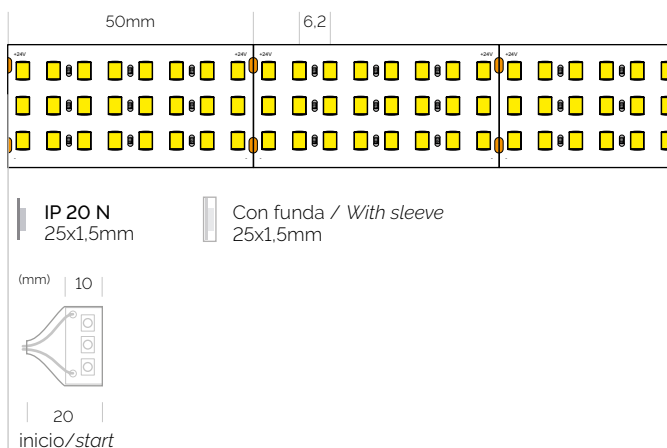
Vector gráfico de color  
Colour vector graphic



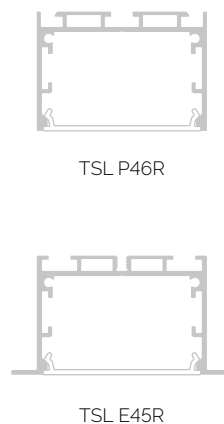
Fidelidad y gama  
Fidelity and gamut



Detalle constructivo  
Design detail



Perfiles recomendados  
Recommended profiles



Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |     |     |
|-------------------------------|-------------------------------|------|-----|-----|-----|
|                               | 5m                            | 10m  | 15m | 20m | 25m |
| 1 m                           | 0,35                          | 0,75 | 1   | 1,5 | 1,5 |
| 3 m                           | 1                             | 2,5  | 2,5 | 4   | 4   |

Percepción lumínica (%)  
Light perception

|                           | 2,5m | 5m  | 10m | 15m | 20m |
|---------------------------|------|-----|-----|-----|-----|
| Alimentación   Supply     | 100  | -   | -   | -   | -   |
| Realimentación   Resupply | 100  | 100 | -   | -   | -   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación. \*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point. \*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0.50mm²  
PVC flat twin cable 2x0.50mm²

Transparente / Transparent  
Blanco / White

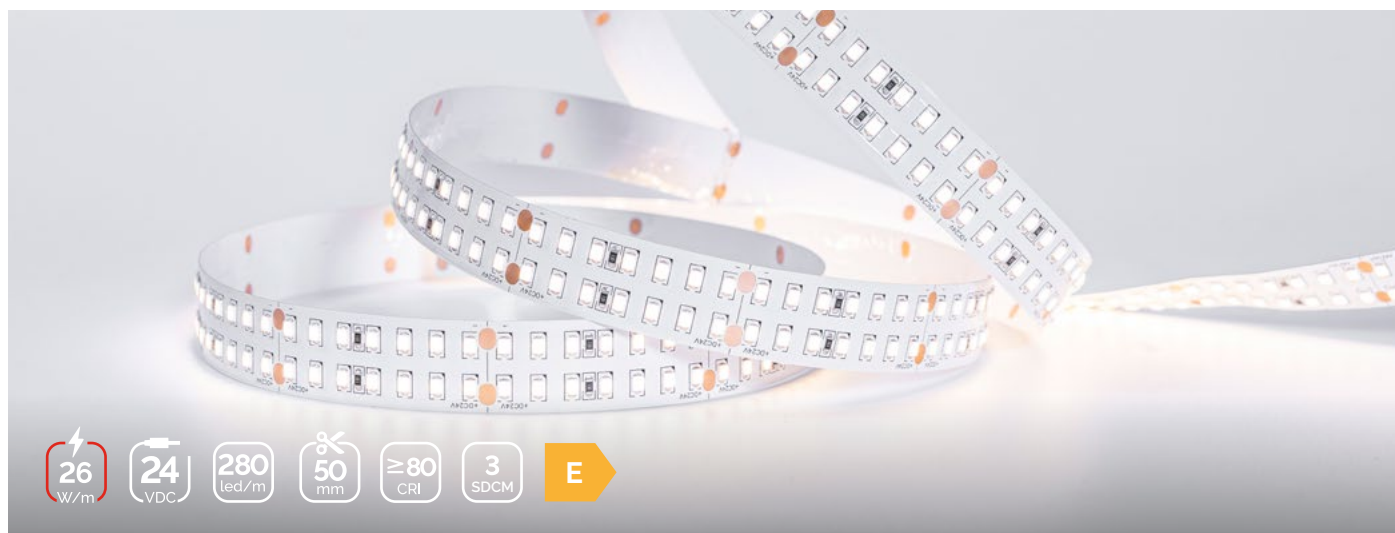
02281061  
02281062



Terminal hermafrodita  
Hermaphrodite terminal

21.7x9.5x6mm  
10 u.

02390003



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|-------------------|
| 02440375           | ROWS 5          | 3050 lm/m         | 117,30 lm/W          | F                        | 6000 K                | 20 mm          | IP 20 N           |
| 02440376           | ROWS 6          | 3100 lm/m         | 119,23 lm/W          | E                        | 4000 K                | 20 mm          | IP 20 N           |
| 02440377           | ROWS 7          | 3000 lm/m         | 115,38 lm/W          | F                        | 3000 K                | 20 mm          | IP 20 N           |
| 02440378           | ROWS 8          | 2950 lm/m         | 113,46 lm/W          | F                        | 2700 K                | 20 mm          | IP 20 N           |

### Características eléctricas / Electrical data

|                                |           |
|--------------------------------|-----------|
| Tensión / Voltage              | 24 VDC    |
| Potencia / Power               | 26 W/m    |
| Intensidad / Current           | 1083 mA/m |
| Intensidad max. / Max. Current | 5 A       |

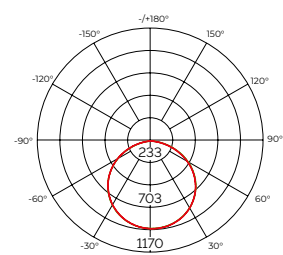
### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| Consistencia / Consistency            | 3 SDCM            |
| Ángulo / Angle                        | 120°              |
| Código fotométrico / Photometric code | 8xx/339           |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

### Características técnicas / Technical data

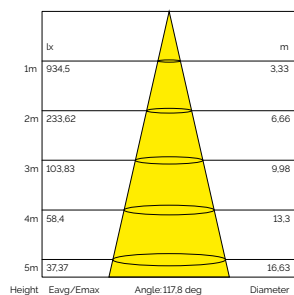
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 280 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 7,14 mm        |
| Longitud máx. / Max. Length    | 5 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

Distribución luminosa  
Light intensity distribution



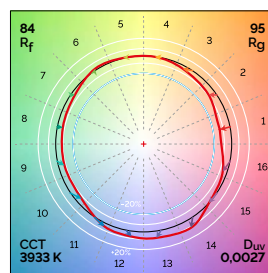
UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

Iluminancia  
Illuminance

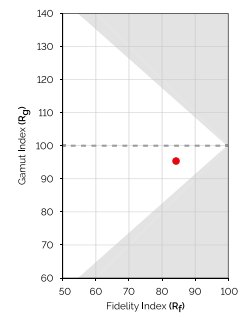


\*Estudio fotométrico realizado sobre tira LED de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K LED strip.

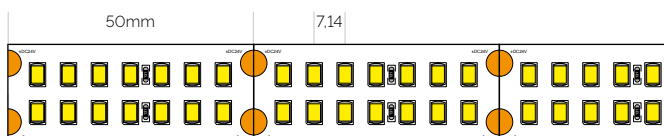
Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut

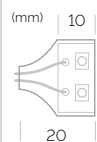


Detalle constructivo  
Design detail



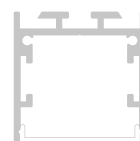
IP 20 N  
20x1,5mm

Con funda / With sleeve  
20x1,5mm

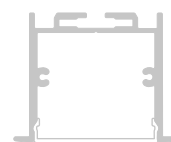


inicio/start

Perfiles recomendados  
Recommended profiles



TSL P18N



TSL E17N

Sección cableado (mm²)  
Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |      |     |
|-------------------------------|-------------------------------|------|-----|------|-----|
|                               | 5m                            | 10m  | 15m | 20m  | 25m |
| 1 m                           | 0,2                           | 0,35 | 0,5 | 0,75 | 1   |
| 2,5 m                         | 0,5                           | 1    | 1,5 | 2,5  | 2,5 |
| 5 m                           | 1                             | 2,5  | 2,5 | 4    | 4   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

Percepción lumínica (%)  
Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | -   | -   | -   | -   |
| Realimentación   Resupply | 99 | 95  | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

Cableado y conectores  
Cabling & connectors



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

Blanco / White

02281061

02281062



Terminal hermafrodita  
Hermaphrodite terminal

21,7x9,5x6mm

10 u.

02390003





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T.     | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|---------------------------|----------------|-------------------|
| 02440487           | FOOD 1          | 700 lm/m          | 50 lm/W              | ● Carne / Meat            | 10 mm          | IP 20 N           |
| 02440585           | FOOD 2          | 1100 lm/m         | 78 lm/W              | ● Pan / Bread             | 10 mm          | IP 20 N           |
| 02440586           | FOOD 3          | 1200 lm/m         | 85 lm/W              | ● Queso / Cheese          | 10 mm          | IP 20 N           |
| 02440587           | FOOD 4          | 1000 lm/m         | 71 lm/W              | ● Charcutería / Cold Meat | 10 mm          | IP 20 N           |
| 02440588           | FOOD 5          | 1100 lm/m         | 78 lm/W              | ● Fruta / Fruit           | 10 mm          | IP 20 N           |
| 02440589           | FOOD 6          | 1300 lm/m         | 92 lm/W              | ● Pescado / Fish          | 10 mm          | IP 20 N           |

#### Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 14 W/m   |
| Intensidad / Current           | 583 mA/m |
| Intensidad max. / Max. Current | 5 A      |

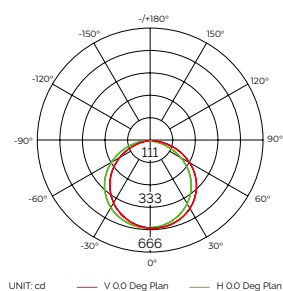
#### Características ópticas / Photometric data

|                                       |      |
|---------------------------------------|------|
| CRI                                   | -    |
| Consistencia / Consistency            | -    |
| Ángulo / Angle                        | 120° |
| Código fotométrico / Photometric code | -    |
| Fidelidad color / Colour Fidelity     | -    |
| Gama color / Colour Gamut             | -    |
| Grupo de riesgo / Risk group          | GR1  |

#### Características técnicas / Technical data

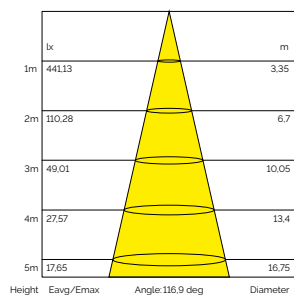
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

### Distribución luminosa Light intensity distribution



\*Estudio fotométrico realizado sobre tira LED de 1000 mm FOOD6.  
Photometric test conducted on a 1000 mm FOOD6 LED strip.

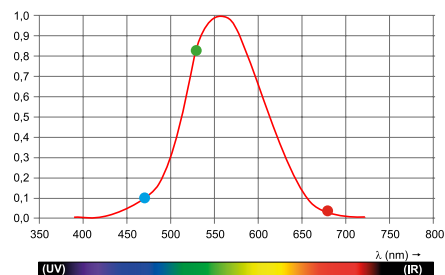
### Iluminancia Illuminance



### Luminosidad Luminosity

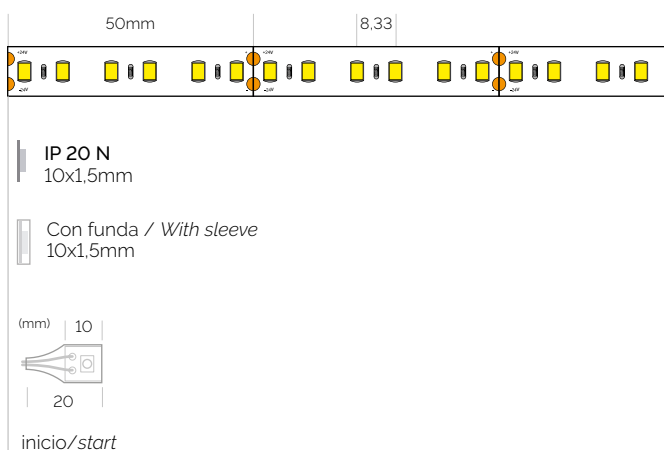
Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

### Detalle constructivo Design detail



### Perfiles recomendados Recommended profiles



TSL S14



TSL C06



TSL Z300

### Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |      |     |
|-------------------------------|-------------------------------|-----|------|------|-----|
|                               | 5m                            | 10m | 15m  | 20m  | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,35 | 0,5 |
| 5 m                           | 0,5                           | 1   | 1,5  | 2,5  | 2,5 |
| 10 m                          | 1                             | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

### Percepción luminica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | 95 | 88  | -   | -   | -   |
| Realimentación   Resupply | 98 | 95  | 91  | 88  | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

### Cableado y conectores Cabling & connectors



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

02281061

Blanco / White

02281062



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20  
24,30x14,60x7,70mm

10 u.

02390012



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent

02280164

Blanco / White

02281068

Negro / Black

02281067



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

00000096



Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20  
19,55x14,60x7,70mm

10 u.

02390032









| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|-----------------------|----------------|-------------------|
| 02440590           | ARCO 1          | 495 lm/m          | 35 lm/W              | ● Rojo / Red          | 12 mm          | IP 65 H           |
| 02440591           | ARCO 2          | 810 lm/m          | 57 lm/W              | ● Verde / Green       | 12 mm          | IP 65 H           |
| 02440592           | ARCO 3          | 315 lm/m          | 22 lm/W              | ● Azul / Blue         | 12 mm          | IP 65 H           |
| 02440593           | ARCO 4          | 405 lm/m          | 28 lm/W              | ● Violeta / Purple    | 12 mm          | IP 65 H           |
| 02440595           | ARCO 6          | 370 lm/m          | 26 lm/W              | ● Rosa / Rose         | 12 mm          | IP 65 H           |
| 02440596           | ARCO 7          | 775 lm/m          | 55 lm/W              | ● Ámbar / Amber       | 12 mm          | IP 65 H           |
| 02440597           | ARCO 8          | 675 lm/m          | 48 lm/W              | ● Cian / Cyan         | 12 mm          | IP 65 H           |
| 02440599           | ARCO 10         | 990 lm/m          | 70 lm/W              | ● Oro / Gold          | 12 mm          | IP 65 H           |
| 02440609           | ARCO 12         | 550 lm/m          | 39 lm/W              | ● Rojo / Red          | 10 mm          | IP 20 N           |
| 02440610           | ARCO 13         | 900 lm/m          | 64 lm/W              | ● Verde / Green       | 10 mm          | IP 20 N           |
| 02440611           | ARCO 14         | 350 lm/m          | 25 lm/W              | ● Azul / Blue         | 10 mm          | IP 20 N           |
| 02440612           | ARCO 15         | 450 lm/m          | 32 lm/W              | ● Violeta / Purple    | 10 mm          | IP 20 N           |
| 02440614           | ARCO 17         | 410 lm/m          | 29 lm/W              | ● Rosa / Rose         | 10 mm          | IP 20 N           |
| 02440615           | ARCO 18         | 860 lm/m          | 61 lm/W              | ● Ámbar / Amber       | 10 mm          | IP 20 N           |
| 02440616           | ARCO 19         | 750 lm/m          | 53 lm/W              | ● Cian / Cyan         | 10 mm          | IP 20 N           |
| 02440618           | ARCO 21         | 1100 lm/m         | 78 lm/W              | ● Oro / Gold          | 10 mm          | IP 20 N           |

**Características eléctricas / Electrical data**

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 14 W/m   |
| Intensidad / Current           | 583 mA/m |
| Intensidad max. / Max. Current | 5 A      |

**Características ópticas / Photometric data**

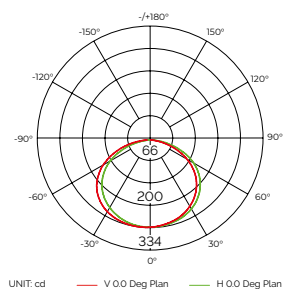
|                                       |      |
|---------------------------------------|------|
| CRI                                   | -    |
| Consistencia / Consistency            | -    |
| Ángulo / Angle                        | 120° |
| Código fotométrico / Photometric code | -    |
| Fidelidad color / Colour Fidelity     | -    |
| Gama color / Colour Gamut             | -    |
| Grupo de riesgo / Risk group          | GR1  |

**Características técnicas / Technical data**

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

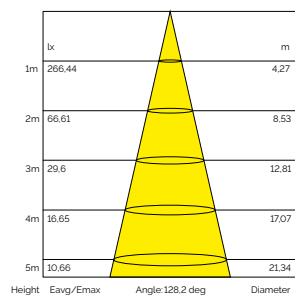


## Distribución luminosa Light intensity distribution



UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

## Iluminancia Illuminance



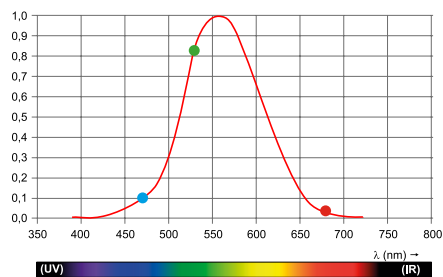
Height Eavg/Emax Angle: 128.2 deg Diameter

\*Estudio fotométrico realizado sobre tira LED de 1000 mm color verde.  
Photometric test conducted on a 1000 mm green colour LED strip.

## Luminosidad Luminosity

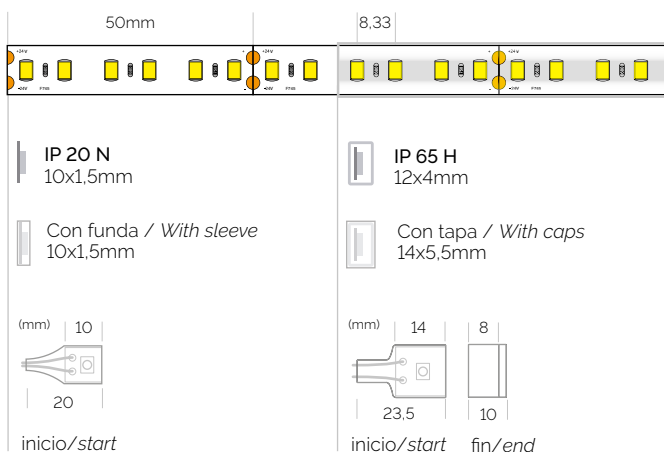
Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

## Detalle constructivo Design detail



## Perfiles recomendados Recommended profiles

IP20



TSL S14



TSL E14

IP65 H



TSL S19



TSL E15

## Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |      |     |
|-------------------------------|-------------------------------|-----|------|------|-----|
|                               | 5m                            | 10m | 15m  | 20m  | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,35 | 0,5 |
| 5 m                           | 0,5                           | 1   | 1,5  | 2,5  | 2,5 |
| 10 m                          | 1                             | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción luminica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores Cabling & connectors



Cable paralelo PVC 2x0,50mm²  
PVC flat twin cable 2x0,50mm²

Transparente / Transparent

02281061

Blanco / White

02281062



Terminal hermafrodita  
Hermaphrodite terminal  
21,7x9,5x6mm

10 u.

02390003



Conector IDC Tira-Cable 2P IP20  
Strip-Wire IDC connector 2P IP20  
24,30x14,60x7,70mm

10 u.

02390012



Cable sección redonda PVC 2x0,75mm²  
PVC round cross cable 2x0,75mm²

Transparente / Transparent

02280164

Blanco / White

02281068

Negro / Black

02281067



Set conectores M/H 2P IP67  
Cable connectors set M/F 2P IP67  
41,5xØ16mm / 40xØ16mm

1 u.

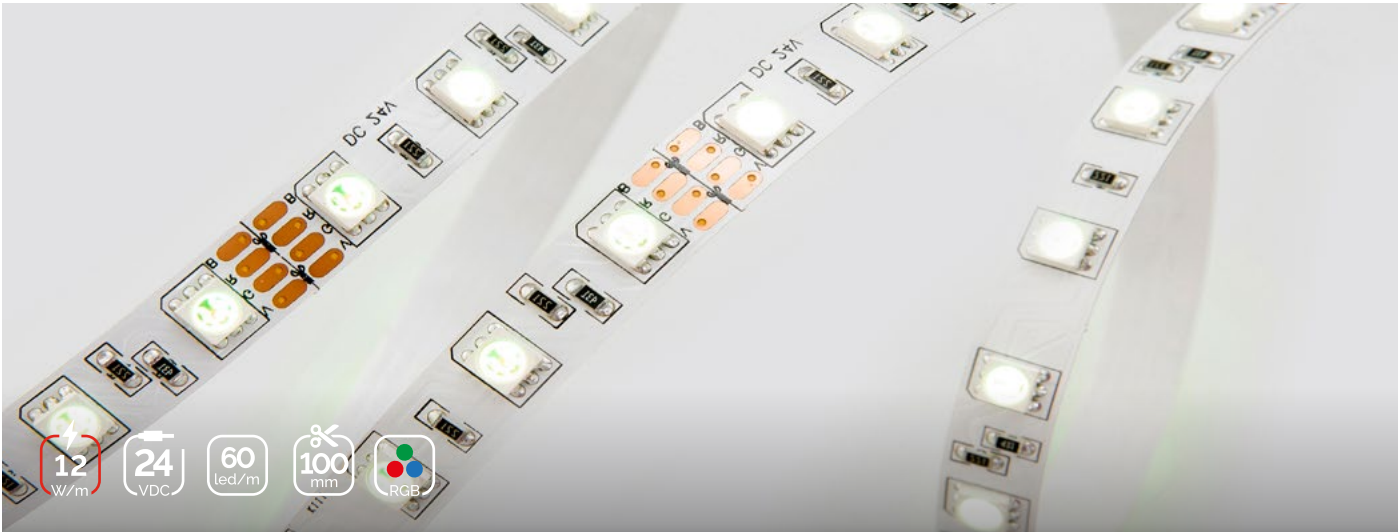
00000096



Conector IDC Tira-Tira 2P IP20  
Strip-Strip IDC connector 2P IP20  
19,55x14,60x7,70mm

10 u.

02390032



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02280124           | IRIS 2          | 320 lm/m          | 27 lm/W              | -                        | RGB                   | 12 mm          | IP 67    |
| 02280228           | IRIS 4          | 370 lm/m          | 31 lm/W              | -                        | RGB                   | 10 mm          | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 12 W/m   |
| Intensidad / Current           | 500 mA/m |
| Intensidad max. / Max. Current | 5 A      |

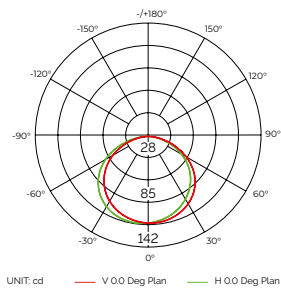
Características ópticas / Photometric data

|                                       |      |
|---------------------------------------|------|
| CRI                                   | -    |
| Consistencia / Consistency            | -    |
| Ángulo / Angle                        | 120° |
| Código fotométrico / Photometric code | -    |
| Fidelidad color / Colour Fidelity     | -    |
| Gama color / Colour Gamut             | -    |
| Grupo de riesgo / Risk group          | GR1  |

Características técnicas / Technical data

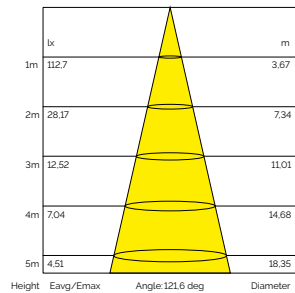
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD5050        |
| Densidad / Density             | 60 Led/m       |
| Corte mínimo / Cutting unit    | 100 mm         |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 16,66 mm       |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

## Distribución luminosa Light intensity distribution



UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

## Iluminancia Illuminance



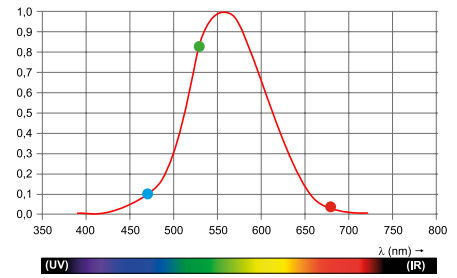
Height Eavg/Emax Angle 121.6 deg Diameter

\*Estudio fotométrico realizado sobre tira LED de 1000 mm RGB.  
Photometric test conducted on a 1000 mm RGB LED strip.

## Luminosidad Luminosity

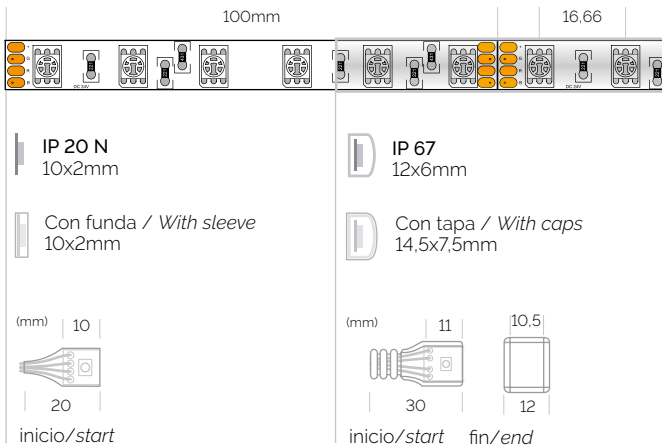
Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

## Detalle constructivo Design detail



## Perfiles recomendados Recommended profiles

IP20



TSL S8



TSL E15

IP67



TSL S13N



TSL E13N

## Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |      |     |
|-------------------------------|-------------------------------|-----|------|------|-----|
|                               | 5m                            | 10m | 15m  | 20m  | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,35 | 0,5 |
| 6 m                           | 0,5                           | 1   | 1,5  | 2,5  | 2,5 |
| 12 m                          | 1                             | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción luminica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores Cabling & connectors



Cable paralelo PVC 4x0,50mm²  
PVC flat twin cable 4x0,50mm²

RGB

02281064



Cable sección redonda PVC 4x0,5mm²  
PVC round cross cable 4x0,5mm²

Blanco / White

Negro / Black

02281072

02281071



Set conectores M/H 4P IP67  
Cable connectors set M/F 4P IP67  
41,5x16mm / 40x16mm

1 u.

00000098



Conector IDC Tira-Cable 4P IP20  
Strip-Wire IDC connector 4P IP20  
24,77x14,60x7,20mm

10 u.

02390014



Conector IDC Tira-Tira 4P IP20  
Strip-Strip IDC connector 4P IP20  
19,55x14,60x7mm

10 u.

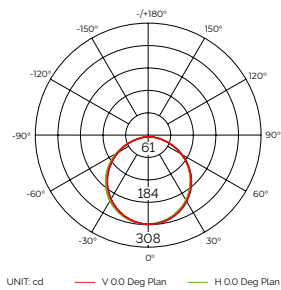
02390034



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02420435           | IRIS 6          | 787 lm/m          | 47 lm/W              | -                        | RGB                   | 12 mm          | IP 20 N  |

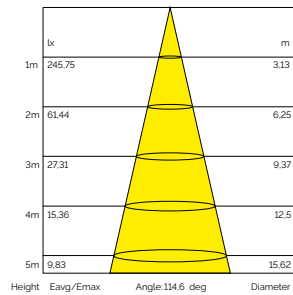
| Características eléctricas / Electrical data |          | Características técnicas / Technical data |                |
|----------------------------------------------|----------|-------------------------------------------|----------------|
| Tensión / Voltage                            | 24 VDC   | Tipo LED / LED Type                       | SMD3838        |
| Potencia / Power                             | 16,4 W/m | Densidad / Density                        | 240 Led/m      |
| Intensidad / Current                         | 683 mA/m | Corte mínimo / Cutting unit               | 25 mm          |
| Intensidad max. / Max. Current               | 5 A      | T. almacenamiento / Storage T.            | -25°C + 80°C   |
| Características ópticas / Photometric data   |          | T. ambiente / Ambient T.                  | -20°C + 45°C   |
| CRI                                          | -        | Tc                                        | 65°C           |
| Consistencia / Consistency                   | -        | Paso LED / LED Pitch                      | 4,17 mm        |
| Ángulo / Angle                               | 120°     | Longitud máx. / Max. Length               | 8 m            |
| Código fotométrico / Photometric code        | -        | Adhesivo / Adhesive                       | 3M 300LSE      |
| Fidelidad color / Colour Fidelity            | -        | Vida útil / Lifetime                      | 50Kh (L80B10)  |
| Gama color / Colour Gamut                    | -        | Garantía / Warranty                       | 3 años / years |
| Grupo de riesgo / Risk group                 | GR1      |                                           |                |

## Distribución luminosa Light intensity distribution



UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

## Iluminancia Illuminance

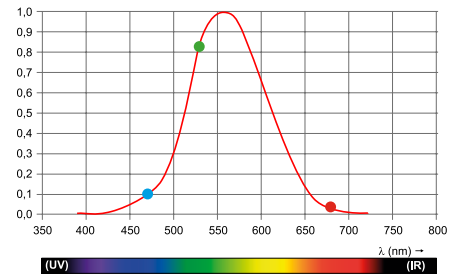


\*Estudio fotométrico realizado sobre tira LED de 1000 mm RGB.  
Photometric test conducted on a 1000 mm RGB LED strip.

## Luminosidad Luminosity

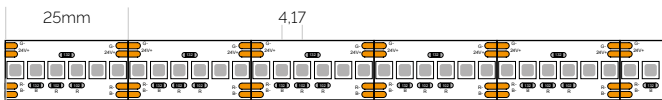
Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

## Detalle constructivo Design detail



IP 20 N  
12x1,5mm

Con funda / With sleeve  
12x1,5mm

(mm) 10

20

inicio/start

## Perfiles recomendados Recommended profiles



TSL P52



TSL C16R

## Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |     |     |
|-------------------------------|-------------------------------|-----|------|-----|-----|
|                               | 5m                            | 10m | 15m  | 20m | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,5 | 0,5 |
| 4 m                           | 0,5                           | 1   | 1,5  | 2,5 | 2,5 |
| 8 m                           | 1                             | 2,5 | 2,5  | 4   | 4   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción lumínica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores Cabling & connectors



Cable paralelo PVC 4x0,50mm²  
PVC flat twin cable 4x0,50mm²

RGB

02281064





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02420436           | IRIS 7          | 335 lm/m          | 44 lm/W              | -                        | RGB                   | 5 mm           | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 7,5 W/m  |
| Intensidad / Current           | 313 mA/m |
| Intensidad max. / Max. Current | 3 A      |

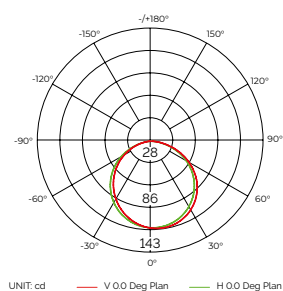
Características ópticas / Photometric data

|                                       |      |
|---------------------------------------|------|
| CRI                                   | -    |
| Consistencia / Consistency            | -    |
| Ángulo / Angle                        | 120º |
| Código fotométrico / Photometric code | -    |
| Fidelidad color / Colour Fidelity     | -    |
| Gama color / Colour Gamut             | -    |
| Grupo de riesgo / Risk group          | GR1  |

Características técnicas / Technical data

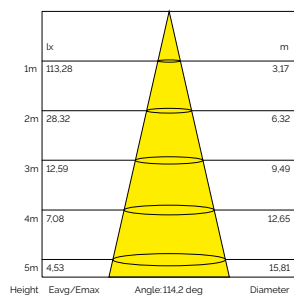
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD3838        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 5 m            |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

### Distribución luminosa Light intensity distribution



\*Estudio fotométrico realizado sobre tira LED de 1000 mm RGB.  
Photometric test conducted on a 1000 mm RGB LED strip.

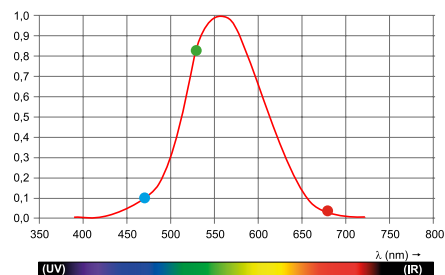
### Iluminancia Illuminance



### Luminosidad Luminosity

Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



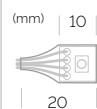
Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

### Detalle constructivo Design detail



IP 20 N  
5x1,5mm

Con funda / With sleeve  
5x1,5mm



inicio/start

### Perfiles recomendados Recommended profiles



TSL S9



TSL S7



TSL D9



TSL C9

### Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |      |     |      |
|-------------------------------|-------------------------------|------|------|-----|------|
|                               | 5m                            | 10m  | 15m  | 20m | 25m  |
| 1 m                           | 0,2                           | 0,2  | 0,2  | 0,2 | 0,35 |
| 2,5 m                         | 0,2                           | 0,35 | 0,35 | 0,5 | 0,75 |
| 5 m                           | 0,35                          | 0,5  | 0,75 | 1   | 1,5  |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

### Percepción lumínica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

### Cableado y conectores Cabling & connectors



Cable paralelo PVC 4x0,10mm²  
PVC flat twin cable 4x0,10mm²

RGB

02281060

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

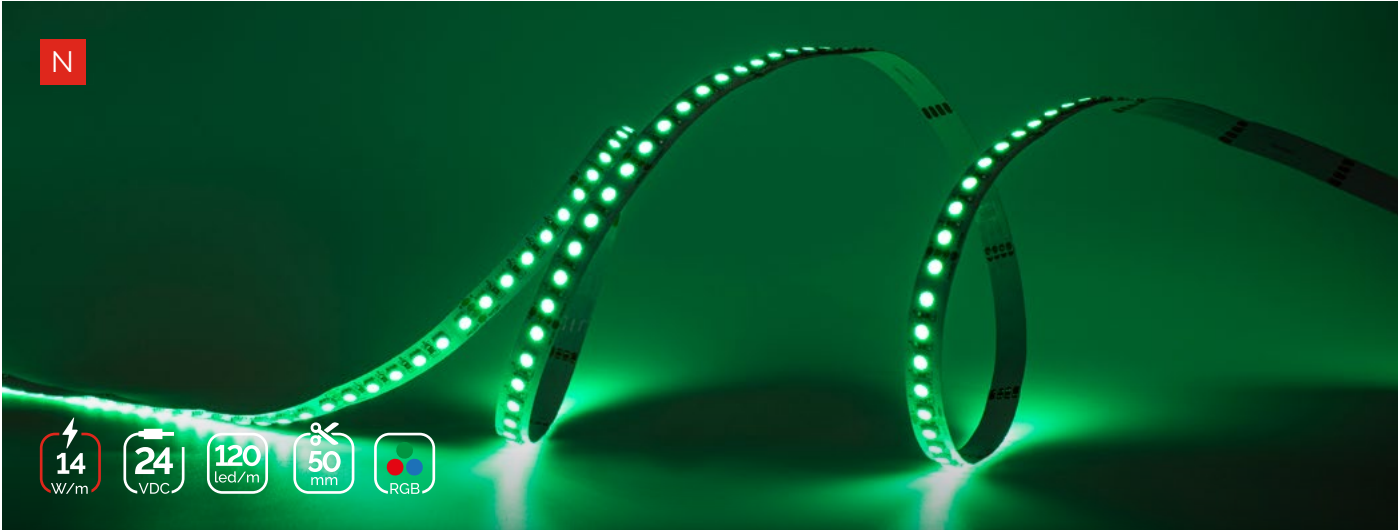
Cont.

Fuen. PSU









| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440603           | IRIS 8          | 588 lm/m          | 42 lm/W              | -                        | RGB                   | 12 mm          | IP 67    |
| 02440602           | IRIS 9          | 630 lm/m          | 45 lm/W              | -                        | RGB                   | 12 mm          | IP 65 H  |
| 02440601           | IRIS 10         | 670 lm/m          | 47 lm/W              | -                        | RGB                   | 10 mm          | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 14 W/m   |
| Intensidad / Current           | 583 mA/m |
| Intensidad max. / Max. Current | 5 A      |

Características ópticas / Photometric data

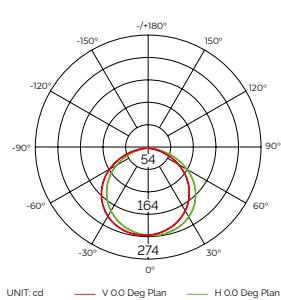
|                                       |      |
|---------------------------------------|------|
| CRI                                   | -    |
| Consistencia / Consistency            | -    |
| Ángulo / Angle                        | 120° |
| Código fotométrico / Photometric code | -    |
| Fidelidad color / Colour Fidelity     | -    |
| Gama color / Colour Gamut             | -    |
| Grupo de riesgo / Risk group          | GR1  |

Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD4040        |
| Densidad / Density             | 120 Led/m      |
| Corte mínimo / Cutting unit    | 50 mm          |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 8,33 mm        |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

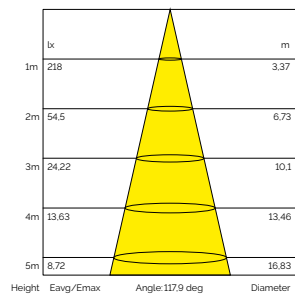


## Distribución luminosa Light intensity distribution



\*Estudio fotométrico realizado sobre tira LED de 1000 mm RGB.  
Photometric test conducted on a 1000 mm RGB LED strip.

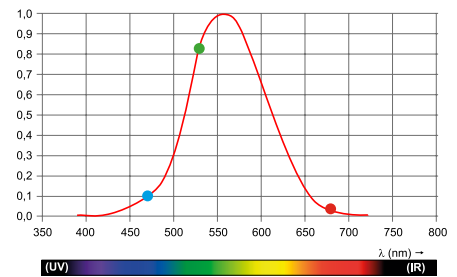
## Iluminancia Illuminance



## Luminosidad Luminosity

Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

## Detalle constructivo Design detail

| 50mm                       |  |  | 8,33                    |  |  |
|----------------------------|--|--|-------------------------|--|--|
|                            |  |  |                         |  |  |
| IP 20 N<br>10x1,5mm        |  |  | IP 65 H<br>12x4mm       |  |  |
| Funda / Sleeve<br>10x1,5mm |  |  | Tapa / Caps<br>14x5,5mm |  |  |
|                            |  |  |                         |  |  |
| (mm) 10                    |  |  | (mm) 14 8               |  |  |
| 20                         |  |  | 23,5 10                 |  |  |
| inicio/start               |  |  | inicio/start fin/end    |  |  |

## Perfiles recomendados Recommended profiles

IP20

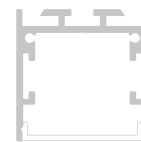


TSL S19



TSL E14

IP6X



TSLP18N

## Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |     |      |      |     |
|-------------------------------|-------------------------------|-----|------|------|-----|
|                               | 5m                            | 10m | 15m  | 20m  | 25m |
| 1 m                           | 0,2                           | 0,2 | 0,35 | 0,35 | 0,5 |
| 5 m                           | 0,5                           | 1   | 1,5  | 2,5  | 2,5 |
| 10 m                          | 1                             | 2,5 | 4    | 4    | 6   |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción luminica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores Cabling & connectors



Cable paralelo PVC 4x0,50mm²  
PVC flat twin cable 4x0,50mm²

RGB

02281064



Cable sección redonda PVC 4x0,5mm²  
PVC round cross cable 4x0,5mm²

Blanco / White

Negro / Black

02281072  
02281071



Set conectores M/H 4P IP67  
Cable connectors set M/F 4P IP67  
41,5xØ16mm / 40xØ16mm

10 u.

00000098



Conector IDC Tira-Cable 4P IP20  
Strip-Wire IDC connector 4P IP20  
24,77x14,60x7,20mm

10 u.

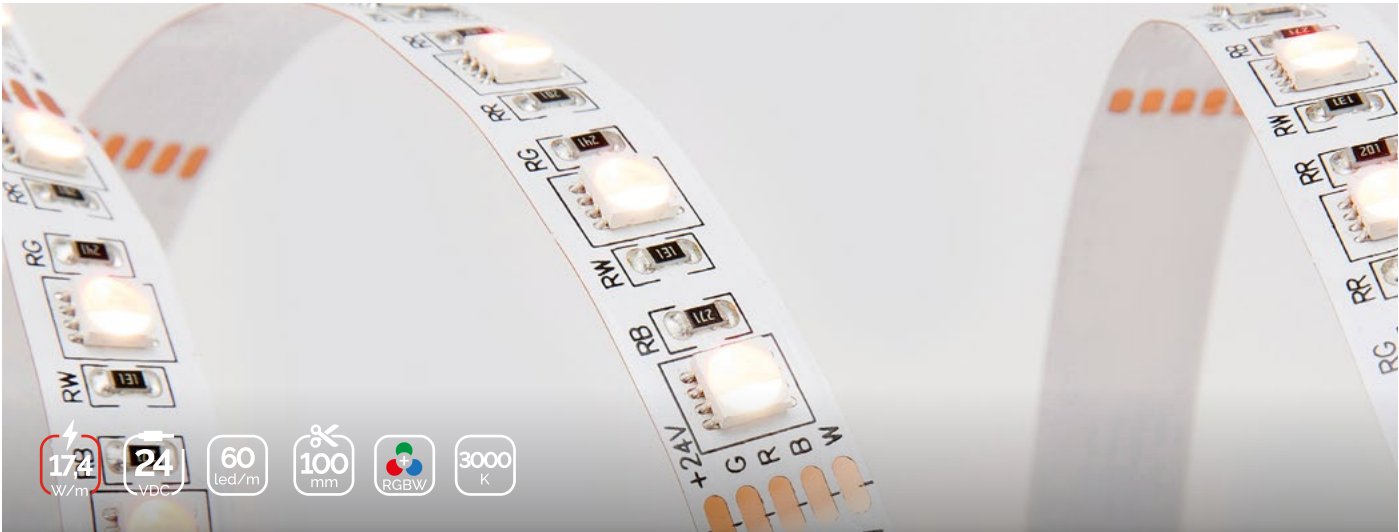
02390014



Conector IDC Tira-Tira 4P IP20  
Strip-Strip IDC connector 4P IP20  
19,55x14,60x7mm

10 u.

02390034



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440302           | GAMA 4          | 815 lm/m          | 46 lm/W              | -                        | RGBW                  | 14 mm          | IP 65 H  |
| 02440204           | GAMA 2          | 836 lm/m          | 48 lm/W              | -                        | RGBW                  | 12 mm          | IP 20 N  |

Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 17,4 W/m |
| Intensidad / Current           | 725 mA/m |
| Intensidad max. / Max. Current | 5 A      |

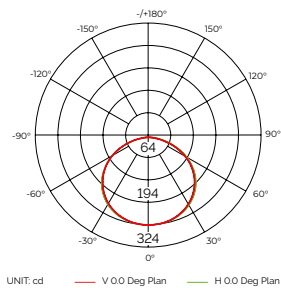
Características ópticas / Photometric data

|                                       |      |
|---------------------------------------|------|
| CRI                                   | -    |
| Consistencia / Consistency            | -    |
| Ángulo / Angle                        | 120° |
| Código fotométrico / Photometric code | -    |
| Fidelidad color / Colour Fidelity     | -    |
| Gama color / Colour Gamut             | -    |
| Grupo de riesgo / Risk group          | GR1  |

Características técnicas / Technical data

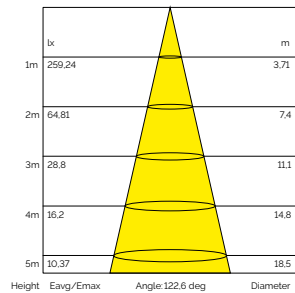
|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD5050        |
| Densidad / Density             | 60 Led/m       |
| Corte mínimo / Cutting unit    | 100 mm         |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 16,66 mm       |
| Longitud máx. / Max. Length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años / years |

## Distribución luminosa Light intensity distribution



UNIT: cd — V 0.0 Deg Plan — H 0.0 Deg Plan

## Iluminancia Illuminance



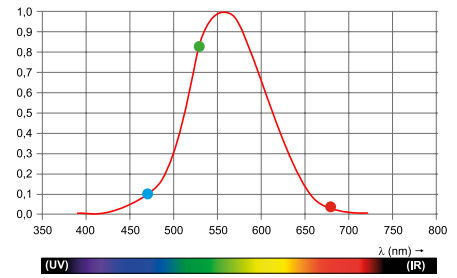
Height: Eavg/Emax Angle: 122.6 deg Diameter

\*Estudio fotométrico realizado sobre tira LED de 1000 mm RGBW.  
Photometric test conducted on a 1000 mm RGBW LED strip.

## Luminosidad Luminosity

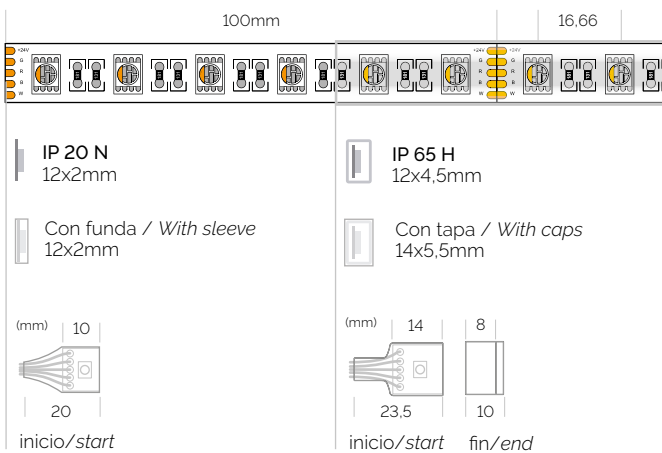
Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

## Detalle constructivo Design detail



## Perfiles recomendados Recommended profiles

IP20



TSL E52

IP65 H



TSL P46R

## Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |      |     |      |
|-------------------------------|-------------------------------|------|------|-----|------|
|                               | 5m                            | 10m  | 15m  | 20m | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,35 | 0,5 | 0,75 |
| 5 m                           | 0,75                          | 1,5  | 2,5  | 2,5 | 4    |
| 10 m                          | 1,5                           | 2,5  | 4    | 6   | 6    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%.

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

## Percepción luminica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

## Cableado y conectores Cabling & connectors



Cable paralelo PVC 5x0,50mm²  
PVC flat twin cable 5x0,50mm²  
RGBW

02281065



Cable sección redonda PVC 5x0,5mm²  
PVC round cross cable 5x0,5mm²  
Negro / Black

02281073



Set conectores M/H 5P IP67  
Cable connectors set M/F 5P IP67  
41,5xØ16mm / 40xØ16mm  
1 u.

00000099



Conector IDC Tira-Cable 5P IP20  
Strip-Wire IDC connector 5P IP20  
24,30x17x7,20mm  
10 u.

02390015



Conector IDC Tira-Tira 5P IP20  
Strip-Strip IDC connector 5P IP20  
19,55x14,60x7mm  
10 u.

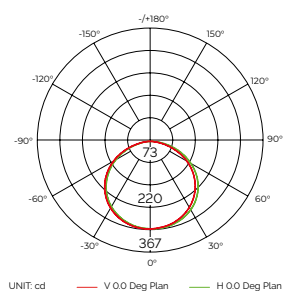
02390035



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Eficiencia<br>Efficiency | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|--------------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440649           | GAMA 6          | 900 lm/m          | 43 lm/W              | -                        | RGBW                  | 12 mm          | IP 20 N  |

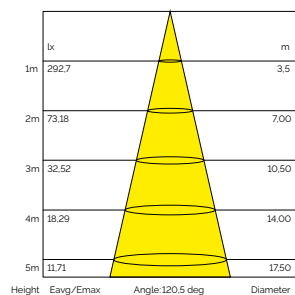
| Características eléctricas / Electrical data |          | Características técnicas / Technical data |                 |
|----------------------------------------------|----------|-------------------------------------------|-----------------|
| Tensión / Voltage                            | 24 VDC   | Tipo LED / LED Type                       | SMD2835/SMD2216 |
| Potencia / Power                             | 19,2 W/m | Densidad / Density                        | 240 Led/m       |
| Intensidad / Current                         | 800 mA/m | Corte mínimo / Cutting unit               | 50 mm           |
| Intensidad max. / Max. Current               | 5 A      | T. almacenamiento / Storage T.            | -25°C + 80°C    |
|                                              |          | T. ambiente / Ambient T.                  | -20°C + 45°C    |
|                                              |          | Tc                                        | 65°C            |
| Características ópticas / Photometric data   |          | Paso LED / LED Pitch                      | 8,33 mm         |
| CRI                                          | -        | Longitud máx. / Max. Length               | 8 m             |
| Consistencia / Consistency                   | -        | Adhesivo / Adhesive                       | 3M 300LSE       |
| Ángulo / Angle                               | 120°     | Vida útil / Lifetime                      | 50Kh (L80B10)   |
| Código fotométrico / Photometric code        | -        | Garantía / Warranty                       | 3 años / years  |
| Fidelidad color / Colour Fidelity            | -        |                                           |                 |
| Gama color / Colour Gamut                    | -        |                                           |                 |
| Grupo de riesgo / Risk group                 | GR1      |                                           |                 |

### Distribución luminosa Light intensity distribution



\*Estudio fotométrico realizado sobre tira LED de 1000 mm RGBW.  
Photometric test conducted on a 1000 mm RGBW LED strip.

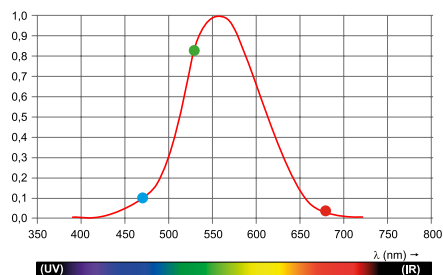
### Iluminancia Illuminance



### Luminosidad Luminosity

Grado de percepción luminica en condiciones de buena iluminación según las longitudes de onda que establecen los colores.

Light perception level in good lighting conditions in relation to the wavelengths that make up each colour.



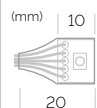
Los colores cercanos al centro del espectro visual humano tienen una percepción luminica mayor que los situados cercanos a los ultravioletas e infrarrojos.  
Colours close to the centre of the human visual spectrum have a higher light perception than those located closer to ultraviolet and infra-red wavelengths.

### Detalle constructivo Design detail



IP 20 N  
12x1,5mm

Con funda / With sleeve  
12x1,5mm

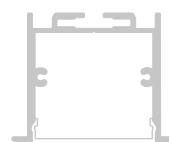


inicio/start

### Perfiles recomendados Recommended profiles



TSL P52



TSL E17N

### Sección cableado (mm²) Cabling cross-section

| Longitud tira<br>Strip length | Longitud cable / Cable length |      |     |     |      |
|-------------------------------|-------------------------------|------|-----|-----|------|
|                               | 5m                            | 10m  | 15m | 20m | 25m  |
| 1 m                           | 0,2                           | 0,35 | 0,5 | 0,5 | 0,75 |
| 4 m                           | 0,5                           | 1    | 1,5 | 2,5 | 2,5  |
| 8 m                           | 1                             | 2,5  | 4   | 4   | 6    |

\*Longitud y sección mínima de cable desde FA, según el largo de la tira de LED, que permite una caída de tensión <3%..

\*Cable length and minimum cross-section from PSU, depending on the LED strip length, allowing a voltage drop <3%.

### Percepción luminica (%) Light perception

|                           | 5m | 10m | 15m | 20m | 25m |
|---------------------------|----|-----|-----|-----|-----|
| Alimentación   Supply     | -  | -   | -   | -   | -   |
| Realimentación   Resupply | -  | -   | -   | -   | -   |

\*Los datos tomados en el punto más crítico, el más alejado de la alimentación.  
\*Las tiras solo pueden ser alimentadas y realimentadas por una sola fuente.

\*The data have been measured at the critical point, the one furthest away from feed point.  
\*Strips can only receive supply and resupply from a single power supply.

### Cableado y conectores Cabling & connectors



Cable paralelo PVC 5x0,50mm²  
PVC flat twin cable 5x0,50mm²

RGBW

02281065



Conector IDC Tira-Cable 5P IP20  
Strip-Wire IDC connector 5P IP20

24,30x17x7,20mm

10 u.

02390015



Conector IDC Tira-Tira 5P IP20  
Strip-Strip IDC connector 5P IP20

19,55x14,60x7mm

10 u.

02390035



# ACC ESO RIOS

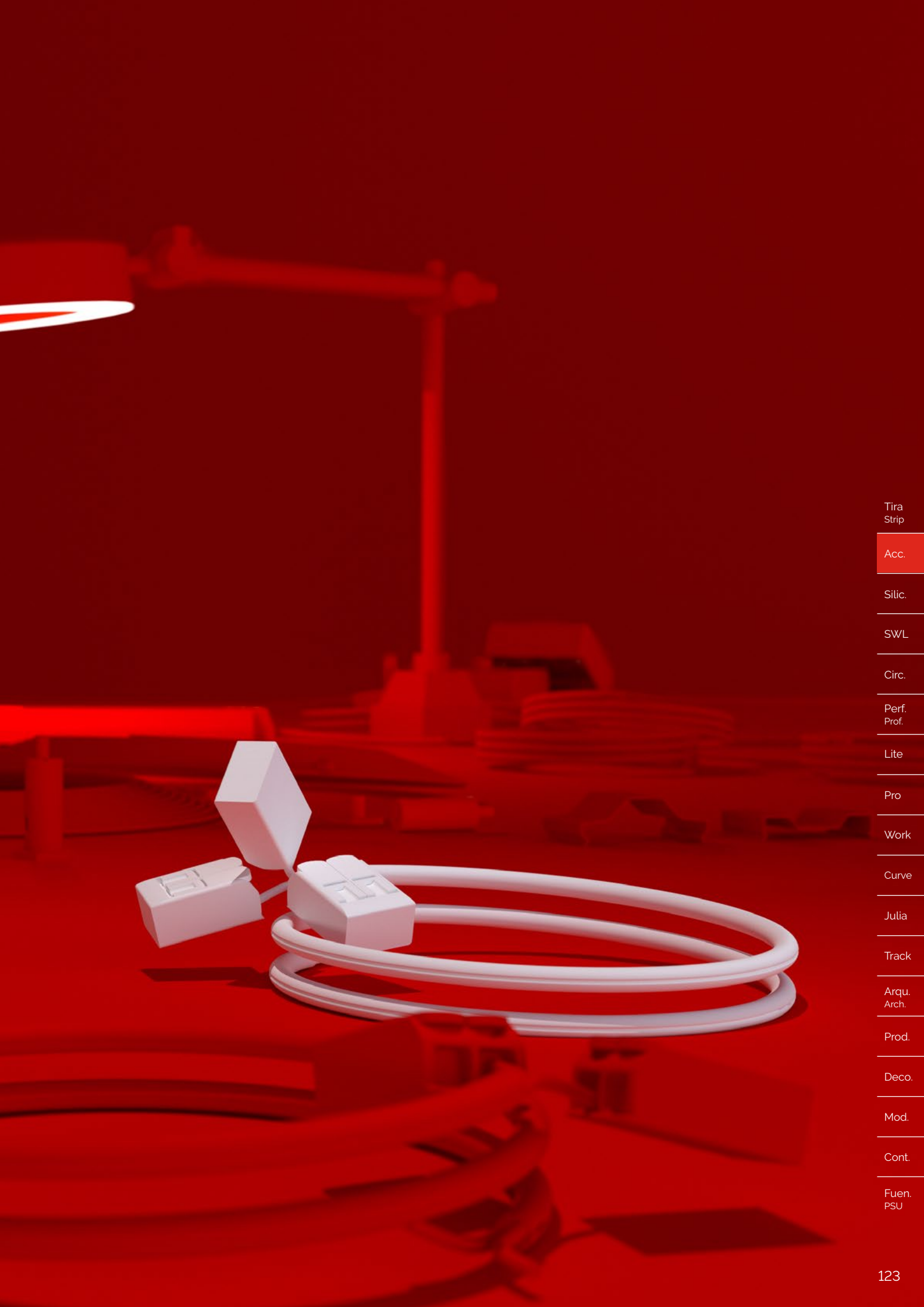
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## ACCESORIES

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La personalización del producto conlleva ofrecer al cliente la posibilidad de elegir una gran cantidad de complementos. Accesorios para la instalación, el cableado, la alimentación o el interconexionado que permiten al instalador realizar proyectos a medida de una forma similar a nuestro equipo.

*Product customization means offering the customer the possibility of choosing a large number of accessories. Accessories for installation, wiring, power or interconnection that allow the installer to carry out customized projects in a manner similar to our equipment.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# TSL MANIPULADO / HANDLING

## Descripción

Manipulado tira monocolor: corte + soldadura + sellado\*

Manipulado tira RGB/CCT: corte + soldadura + sellado\*

Manipulado tira RGBW: corte + soldadura + sellado\*

Manipulado Silicone Neon Strip: corte + soldadura + sellado\*

Manipulado Strip Water Led: corte + soldadura + sellado\*

Manipulado: corte perfil

Manipulado final luminaria

(\*) Consultar opciones de cables

## Description

Single-colour strip handling: cutting + welding + sealing\*

RGB/CCT strip handling: cutting + welding + sealing\*

RGBW strip handling: cutting + welding + sealing\*

Silicone Neon Strip handling: cutting + welding + sealing\*

Strip Water Led handling: cutting + welding + sealing\*

Handling: profile cutting

Final luminaire handling

(\*) Enquire about cable options

## Servicio de corte y manipulado de tiras

### Strip cutting and handling service

La medida de tira justa con el tipo y longitud de cable adecuado en función de tus necesidades.

*The right strip length with the appropriate type and length of wire for your needs.*

## ¿Quieres lacar tus perfiles y luminarias?

iConsulta con nuestro departamento comercial!

*Ask our commercial department!*

### Do you want to lacquer your profiles?



Stock

Disponemos de determinados perfiles en stock, ya lacados en blanco o negro para agilizar las entregas. Busca este símbolo.

*To speed up deliveries, we have specific profiles in stock already lacquered in black or white. Look for this symbol.*



Custom

Personalizamos el lacado de los perfiles con el RAL solicitado. iConsulta con nuestro departamento comercial!

*We customise profile lacquering with the requested RAL. Ask our commercial department!*



Recuerda que independientemente del largo del perfil, disponemos de un servicio de corte y manipulado a medida.

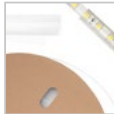
*Remember that we have a custom cut service, whatever the length of the luminaire.*

**iEconomiza tus tiempos de instalación!**

*Save on installation time!*

TSL COMPLEMENTOS / ACCESSORIES

Accesorios instalación  
Installation accessories

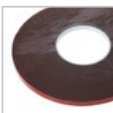
|                                                                                               |                                                                                                                                      |                                                                                               |                                                                                                                                      |                                                                                     |                                                                                                                      |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
|  <p>1 u.</p> | <p>Tapas con pasacable TF IP67<br/>Cover with hole for TF IP67</p> <p>10mm - 00000041<br/>12mm - 00000043</p>                        |  <p>1 u.</p> | <p>Tapas sin pasacable TF IP67<br/>Cover without hole for TF IP67</p> <p>10mm - 00000042<br/>12mm - 00000044</p>                     |  | <p>Tubo retráctil transparente<br/>Transparent retractable tube</p> <p>Ø9,5 mm - 00000020</p> <p>100m Rollo/Reel</p> |
|  <p>1 u.</p> | <p>Tapas con pasacable TF IP65<br/>Cover without hole for TF IP65</p> <p>10mm - 00000045<br/>12mm - 00000047<br/>14mm - 00000049</p> |  <p>1 u.</p> | <p>Tapas sin pasacable TF IP65<br/>Cover without hole for TF IP65</p> <p>10mm - 00000046<br/>12mm - 00000048<br/>14mm - 00000050</p> |                                                                                     |                                                                                                                      |

Cables  
Cables

|                                                                                               |                                                                                                                          |                                                                                               |                                                                                                                               |                                                                                                 |                                                                                                   |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  <p>m.</p>   | <p>Cable paralelo transparente<br/>Transparente flat twin cable</p> <p>2x0,20mm² - 02281059<br/>2x0,50mm² - 02281061</p> |  <p>m.</p>   | <p>Cable paralelo blanco<br/>White flat twin cable</p> <p>2x0,50mm² - 02281062</p>                                            |  <p>m.</p>   | <p>Cable paralelo CCT<br/>CCT flat twin cable</p> <p>3x0,50mm² - 02281063</p>                     |
|  <p>m.</p>  | <p>Cable paralelo RGB<br/>RGB flat twin cable</p> <p>4x0,10mm² - 02281060<br/>4x0,50mm² - 02281064</p>                   |  <p>m.</p>  | <p>Cable paralelo RGBW<br/>RGBW flat twin cable</p> <p>5x0,50mm² - 02281065</p>                                               |                                                                                                 |                                                                                                   |
|  <p>m.</p> | <p>Manguera redonda transp.<br/>Transp. round cross cable</p> <p>2x0,75mm² - 02280164</p>                                |  <p>m.</p> | <p>Manguera redonda blanca (R,N)<br/>White round cross cable (R,B)</p> <p>2x0,50mm² - 02281058 ⓘ<br/>2x0,75mm² - 02281067</p> |  <p>m.</p> | <p>Manguera redonda negra (R,N)<br/>Black round cross cable (R,B)</p> <p>2x0,75mm² - 02281068</p> |
|  <p>m.</p> | <p>Manguera redonda blanca (Az,Ma)<br/>White round cross cable (Bl,Br)</p> <p>2x0,75mm² - 02281069</p>                   |  <p>m.</p> | <p>Manguera redonda negra (Az,Ma)<br/>Black round cross cable (Bl,Br)</p> <p>2x0,75mm² - 02281070</p>                         |  <p>m.</p> | <p>Manguera redonda blanca RGB<br/>White round cross cable RGB</p> <p>4x0,50mm² - 02281072</p>    |
|  <p>m.</p> | <p>Manguera redonda negra RGB<br/>Black round cross cable RGB</p> <p>4x0,50mm² - 02281071</p>                            |  <p>m.</p> | <p>Manguera redonda blanca RGBW<br/>Black round cross cable RGBW</p> <p>5x0,35mm² - 02281082 ⓘ<br/>5x0,50mm² - 02281081</p>   |  <p>m.</p> | <p>Manguera redonda negra RGBW<br/>Black round cross cable RGBW</p> <p>5x0,50mm² - 02281073</p>   |

ⓘ Uso especial para Silicone Neon Strip / Specialized use for Silicone Neon Strip

Cinta adhesiva  
Adhesive tape

|                                                                                     |                                                                                                      |                                                                                     |                                                                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  | <p>Doble cara 3M VHB 12 mm<br/>Double-sided 3M VHB 12 mm</p> <p>00000022</p> <p>33 m. Rollo/Reel</p> |  | <p>Doble cara 3M transp. 10 mm<br/>Double-sided 3M transp. 10 mm</p> <p>00000024</p> <p>55 m. Rollo/Reel</p> |
|  | <p>Doble cara 3M VHB 9 mm<br/>Double-sided 3M VHB 9 mm</p> <p>00000023</p> <p>33 m. Rollo/Reel</p>   |  | <p>Doble cara 3M transp. 8 mm<br/>Double-sided 3M transp. 8 mm</p> <p>00000025</p> <p>55 m. Rollo/Reel</p>   |

Latiguillos  
Hoses

|                                                                                       |                                                                                                    |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  | <p>Cable UTP Cat.6 + Conec. RJ45<br/>UTP Cat6 cable + RJ45 connec.</p> <p>00000036</p> <p>1 u.</p> |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

Fuen. PSU

## Conectores baja tensión *Low-voltage connectors*



Terminal hermafrodita IP20  
*Hermaphrodite terminal IP20*  
02390003  
10 u. Bolsa/Bag



Bipolar aéreo macho IP65  
*Bipolar aerial male IP65*  
00000028  
1 u.



Bipolar aéreo hembra IP65  
*Bipolar aerial female IP65*  
00000029  
1 u.



Set M/H baja tensión 2P IP67  
*Set M/F low voltage 2P IP67*  
00000096  
1 set.



Set M/H baja tensión 4P IP67  
*Set M/F low voltage 4P IP67*  
00000098  
1 set.



Set M/H baja tensión 5P IP67  
*Set M/F low voltage 5P IP67*  
00000099  
1 set.



TH381 Macho baja tensión 2P IP68  
*TH381 Male low voltage 2P IP68*  
00000060  
1 u.



TH381 Hembra baja tensión 2P IP68  
*TH381 Female low voltage 2P IP68*  
00000061  
1 u.



TH387 Macho baja tensión 4P IP68  
*TH387 Male low voltage 4P IP68*  
00000073  
1 u.



TH387 Hembra baja tensión 4P IP68  
*TH387 Female low voltage 4P IP68*  
00000074  
1 u.

## Conectores XLR *XLR connectors*



3 Pines aéreo macho  
*3 Pins aerial male*  
00000032  
1 u.



3 Pines aéreo hembra  
*3 Pins aerial female*  
00000033  
1 u.



5 Pines aéreo macho  
*5 Pins aerial male*  
00000034  
1 u.



5 Pines aéreo hembra  
*5 Pins aerial female*  
00000035  
1 u.

## Conectores IDC *IDC connectors*

Los conectores con tecnología IDC, son accesorios que hacen más fáciles las conexiones entre cables o entre tiras. Estos conectores han sido diseñados específicamente para realizar conexiones sin soldaduras, evitando el pelado de cables, reduciendo enormemente los tiempos de instalación. El tiempo es dinero.

*Connectors with IDC technology are accessories that make connections between cables or between strips easier. These connectors have been specifically designed for making connections without welding, avoiding cable stripping and greatly reducing installation time. Time is money.*



Unión Cable  
*Cable Joint*



Unión Tira  
*Strip Joint*



= *Fácil y Rápido*  
*Easy and Quick*



Conectores IDC Tira-Cable  
Strip-Cable IDC connectors



2 Pines 8 mm IP20  
2 Pins 8 mm IP20  
02390011  
10 u. Bolsa/Bag



2 Pines 10 mm IP20  
2 Pins 10 mm IP20  
02390012  
10 u. Bolsa/Bag



3 Pines 10 mm IP20  
3 Pins 10 mm IP20  
02390013  
10 u. Bolsa/Bag



4 Pines 10 mm IP20  
4 Pins 10 mm IP20  
02390014  
10 u. Bolsa/Bag



5 Pines 12 mm IP20  
5 Pins 12 mm IP20  
02390015  
10 u. Bolsa/Bag



Mini 2 Pines 8 mm IP20  
Mini 2 Pins 8 mm IP20  
02390051  
10 u. Bolsa/Bag



Mini 2 Pines 10 mm IP20  
2 Pins 10 mm IP20  
02390052  
10 u. Bolsa/Bag

Conectores IDC Tira-Tira  
Strip-Strip IDC connectors



2 Pines 8 mm IP20  
2 Pins 8 mm IP20  
02390031  
10 u. Bolsa/Bag



2 Pines 10 mm IP20  
2 Pins 8 mm IP20  
02390032  
10 u. Bolsa/Bag



3 Pines 10 mm IP20  
3 Pins 10 mm IP20  
02390033  
10 u. Bolsa/Bag



4 Pines 10 mm IP20  
2 Pins 8 mm IP20  
02390034  
10 u. Bolsa/Bag



5 Pines 12 mm IP20  
5 Pins 12 mm IP20  
02390035  
10 u. Bolsa/Bag



Mini 2 Pines 8 mm IP20  
2 Pins 8 mm IP20  
02390053  
10 u. Bolsa/Bag



Mini 2 Pines 10 mm IP20  
2 Pins 10 mm IP20  
02390054  
10 u. Bolsa/Bag

Conectores IDC Cable-Cable  
Cable-Cable IDC connectors



2 Pines aéreo T  
2 Pins aerial T  
02390001  
10 u. Bolsa/Bag



2 Pines aéreo I  
2 Pins aerial I  
02390002  
10 u. Bolsa/Bag



1 Pin aéreo T  
1 Pin aerial T  
02390004  
10 u. Bolsa/Bag



1 Pin aéreo I  
1 Pin aerial I  
02390005  
10 u. Bolsa/Bag

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

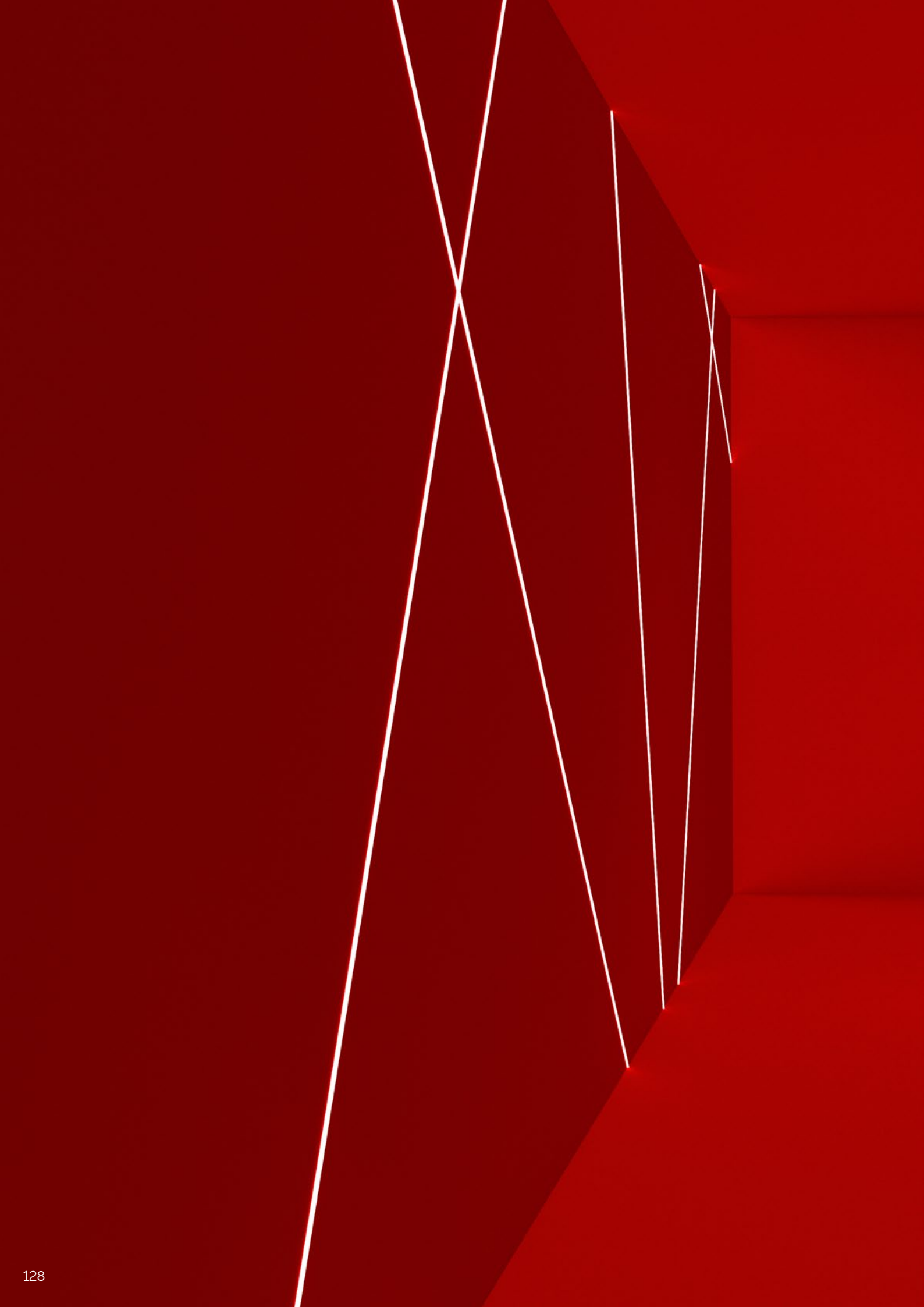
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# SILI CONE NEON STRIP



Silicone Neon Strip acerca el diseño a los espacios más exigentes. Fabricada mediante la tecnología integrada del modelado por extrusión de silicona, cuenta con un elevado grado de protección.

*Silicone Neon Strip brings design to the most challenging spaces. Manufactured using silicone extrusion modelling integrated technology, it has a high degree of protection.*



- Diseño y versatilidad.  
*Design and versatility.*
- Iluminación homogénea, suave y sin puntos.  
*Soft, even lighting without dots.*
- Facilidad de disipación, corte e instalación.  
*Easy dissipation, cutting and installation.*
- Resistencia a condiciones meteorológicas adversas.  
*Resistance to adverse weather conditions.*
- Resistente a soluciones salinas, ácidos y álcalis, gases corrosivos y radiación ultravioleta (consultar modelos).  
*Resistance to saline solutions, acids and alkalis, corrosive gases and UV radiation (check models).*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

| Modelo<br><i>Model</i>                                                                        | Pág.<br><i>Page</i> | Detalle<br><i>Detail</i>                                                            | Tamaño<br><i>Size</i> | Potencia<br><i>Power</i> | Lúmenes<br><i>Lumens</i> |
|-----------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------|-----------------------|--------------------------|--------------------------|
|  TSL NMT2015 | 134                 |    | 20x15 mm              | 14 w/u                   | 1050 lm/m                |
| TSL NNT1615                                                                                   | 135                 |    | 16x15 mm              | 11 w/u                   | 820 lm/m                 |
| TSL NMT1312                                                                                   | 137                 |    | 13x12 mm              | 9,6 w/u                  | 670 lm/m                 |
| TSL NMT1010                                                                                   | 138                 |    | 10x10 mm              | 9,6 w/u                  | 650 lm/m                 |
| TSL NMS1217                                                                                   | 143                 |  | 12x17 mm              | 9,6 w/u                  | 540 lm/m                 |
| TSL NMS0612                                                                                   | 144                 |  | 6x12 mm               | 9,6 w/u                  | 260 lm/m                 |
| TSL NTS0410                                                                                   | 147                 |  | 4x10 mm               | 7,2 w/u                  | 320 lm/m                 |
| TSL S0715                                                                                     | 148                 |  | 7x15 mm               | 9 w/u                    | 250 lm/m                 |
| TSL NM3D1515                                                                                  | 153                 |  | 15x15 mm              | 7,2 w/u                  | 540 lm/m                 |

Tª color  
Colour Temp.

Instalación  
Installation

Acabado  
Finish

 Giro  
Bending

**LSI**

2700K 3000K 4000K



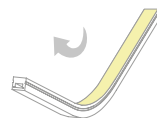
67  
IP



2700K 3000K 4000K 6000K



67  
IP



2700K 3000K 4000K 6000K  
RGB RGBW



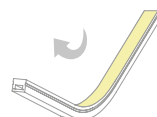
67  
IP



3000K 4000K 6000K  
● ● ● ●



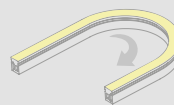
67  
IP



2700K 3000K 4000K 6000K  
RGB RGBW



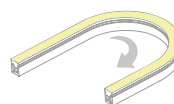
67  
IP



3000K 4000K 6000K  
● ● ● ●



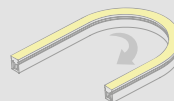
67  
IP



2700K 3000K 4000K 6000K



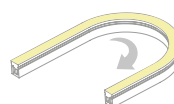
65  
IP



4000K  
● ● ● ● ● ● ● ●



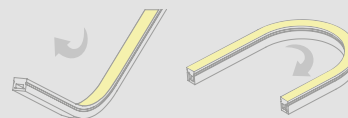
67  
IP



2700K 3000K 4000K 6000K



67  
IP



COMPARATIVA / COMPARISON

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





# EL GIRO ES LA CLAVE



## BENDING IS THE KEY

Es un titán que lo aguanta todo, solo requiere prestar atención en la instalación y tener claro el giro, ya que forzarlo puede dañar el producto.

El uso inadecuado de este producto conllevará la pérdida de la garantía y no queremos que eso pase, así que llámanos y te resolveremos cualquier mínima duda que tengas.

*This is an all-rounder titan, whose only requirement is taking care during installation and ensuring that its is correctly bent, since forcing it while bending can damage the product.*

*Inadequate use of this product will void its warranty. We don't want this to happen, so please call us in case of any doubt.*

## Giro lateral / Side bend

Este tipo de Silicone nos permite realizar diseños sobre una superficie plana (giros, formas, etc). La tira está colocada transversalmente respecto a la base del producto, creando una emisión reflectada y permitiendo un giro contrario a la naturaleza de la misma.

*This type of Silicone allows making designs on a planar surface (bends, shapes, etc.). The strip is placed transversally with respect to the product's base, creating reflected emission and allowing bending against its nature.*



TSL NMS1217



TSL NMS0612



TSL NTS0410



TSL S0715



## Giro frontal / Top bend

Este tipo de Silicone nos permite interactuar con el relieve de la superficie (columnas, paredes onduladas, etc). La tira flexible interior se sitúa en la base del producto proyectando la luz perpendicularmente respecto a la superficie de iluminación, permitiendo una mínima pérdida lumínica.

This type of Silicone allows interacting with surface topography (columns, undulating walls, etc.). The inner flexible strip is located at the base of the product, projecting light perpendicular to the illumination surface, with almost no light loss.

 TSL NMT2015

 TSL NNT1615

 TSL NMT1312

 TSL NMT1010

 **Giro Lateral = Tira Rectangular**  
*Side bend = Rectangular strip*

(porque lleva la tira a un lado)  
(because the strip is on the side)

 **Giro Frontal = Tira Cuadrada**  
*Front bend = Square strip*

(porque lleva la tira en la base)  
(because the strip is at the base)

## Giro 3D / 3D bend

Permite realizar giros en ambas direcciones.  
Allows bending in both directions.

 TSL NM3D1515

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



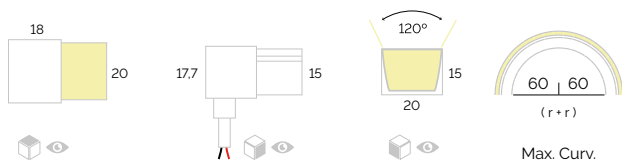
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12104015           | NMT2015 NW      | 14                       | 1050                      | 42                 | 4000K                 |
| 12103015           | NMT2015 WW      | 14                       | 1000                      | 42                 | 3000K                 |
| 12102015           | NMT2015 SW      | 14                       | 950                       | 42                 | 2700K                 |

**Características eléctricas / Electrical data**

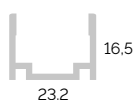
|                      |        |
|----------------------|--------|
| Tensión / Voltage    | 24 VDC |
| Potencia / Power     | 14 W/m |
| Regulación / Dimming | PWM    |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK08         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 5 m                 |
| L. máx. realimentado / Resupply Max. Length | 10 m                |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

**Perfiles  
Profiles**

Montaje en superficie  
Surface mounting  
L= 1000 mm  
Aluminio / Aluminum

● 12301015  
● 12301015N  
○ 12301015B

①  
**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

**Sujeciones  
Mounting clips**

Aluminio  
Aluminium

12201015



Con pasacable / With hole  
Sin pasacable / Without hole

12401015  
12402015

**Tapas  
End caps**



GIRO FRONTAL / TOP BEND

| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12106003           | NNT1615 W       | 11                       | 800                       | 42                 | 6000K                 |
| 12104003           | NNT1615 NW      | 11                       | 820                       | 42                 | 4000K                 |
| 12103003           | NNT1615 WW      | 11                       | 800                       | 42                 | 3000K                 |
| 12102003           | NNT1615 SW      | 11                       | 780                       | 42                 | 2700K                 |

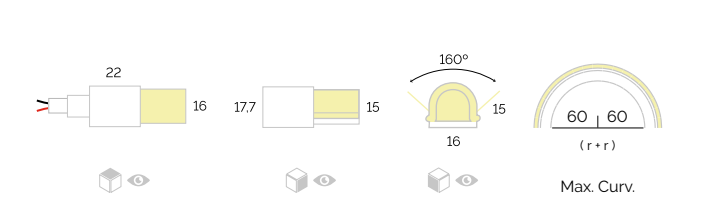
Características eléctricas / Electrical data

|                      |        |
|----------------------|--------|
| Tensión / Voltage    | 24 VDC |
| Potencia / Power     | 11 W/m |
| Regulación / Dimming | PWM    |

Características ópticas / Photometric data

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 160°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

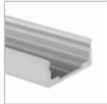
Detalle constructivo  
Design detail



Características técnicas / Technical data

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK08         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 15 m                |
| L. máx. realimentado / Resupply Max. Length | -                   |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

Perfiles  
Profiles

|                                                                                     |                                                               |            |                                                                                     |                                                                                |                                          |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------|
|  | Montaje en superficie<br>Surface mounting<br>L= 1000 mm<br>PC | ● 12301003 |  | Montaje en superficie<br>Surface mounting<br>L= 1000 mm<br>Aluminio / Aluminum | ● 12302003<br>● 12302003N<br>○ 12302003B |
| 16,3<br>19,7                                                                        | 7,3                                                           |            | 17,8                                                                                | 7,8                                                                            |                                          |

Longitud perfil = Longitud total - Tapas  
Profile length = Total length - End caps

Sujeciones  
Mounting clips

|                                                                                     |                |          |
|-------------------------------------------------------------------------------------|----------------|----------|
|  | Plástica<br>PC | 12201003 |
|-------------------------------------------------------------------------------------|----------------|----------|

Tapas  
End caps

|                                                                                     |                                                           |                      |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|
|  | Con pasacable / With hole<br>Sin pasacable / Without hole | 12401003<br>12402003 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

Fuen. PSU









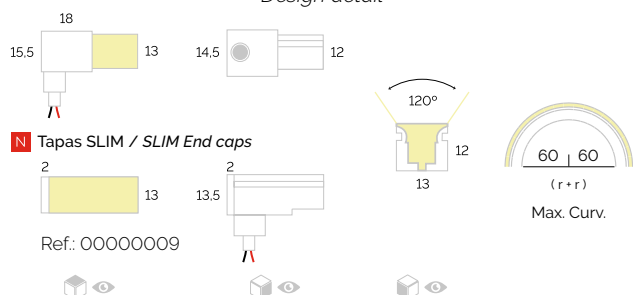
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12106002           | NMT1312 W       | 9,6                      | 660                       | 50                 | 6000K                 |
| 12104002           | NMT1312 NW      | 9,6                      | 670                       | 50                 | 4000K                 |
| 12103002           | NMT1312 WW      | 9,6                      | 660                       | 50                 | 3000K                 |
| 12102002           | NMT1312 SW      | 9,6                      | 640                       | 50                 | 2700K                 |
| 12112002           | NMT1312 RGB     | 12                       | 250                       | 83                 | RGB                   |
| 12115002           | NMT1312 RGBW    | 14,4                     | 410                       | 62,5               | RGBW                  |

**Características eléctricas / Electrical data**

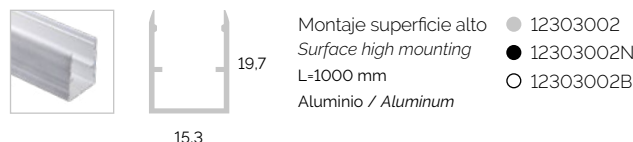
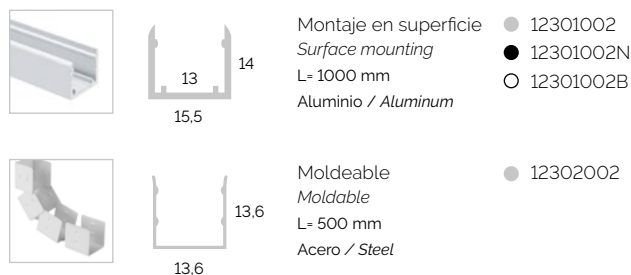
|                      |            |
|----------------------|------------|
| Tensión / Voltage    | 24 VDC     |
| Potencia / Power     | 9,6 W/m @W |
| Regulación / Dimming | PWM        |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK08         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 10 m                |
| L. máx. realimentado / Resupply Max. Length | 20 m                |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

**Perfiles  
Profiles**

**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

**Sujeciones  
Mounting clips**

12201002



Con pasacable / With hole  
Sin pasacable / Without hole

12401002  
12402002

**Tapas  
End caps**

| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12103005           | NMT1010 W       | 9,6                      | 630                       | 50                 | 6000K                 |
| 12102005           | NMT1010 NW      | 9,6                      | 650                       | 50                 | 4000K                 |
| 12101005           | NMT1010 WW      | 9,6                      | 600                       | 50                 | 3000K                 |
| 12104005           | NMT1010 R       | 9,6                      | 155                       | 50                 | ● Rojo/Red            |
| 12105005           | NMT1010 G       | 9,6                      | 260                       | 50                 | ● Verde/Green         |
| 12106005           | NMT1010 B       | 9,6                      | 80                        | 50                 | ● Azul/Blue           |
| 12107005           | NMT1010 A       | 9,6                      | 140                       | 50                 | ● Ambar/Amber         |

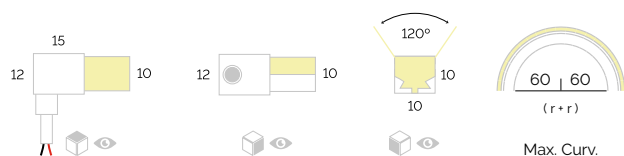
Características eléctricas / *Electrical data*

|                             |            |
|-----------------------------|------------|
| Tensión / <i>Voltage</i>    | 24 VDC     |
| Potencia / <i>Power</i>     | 9,6 W/m @W |
| Regulación / <i>Dimming</i> | PWM        |

### Características ópticas / Photometric data

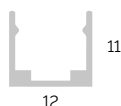
|                                          |                    |
|------------------------------------------|--------------------|
| CRI                                      | >90                |
| Consistencia / <i>Consistency</i>        | 3 SDCM             |
| Ángulo / <i>Angle</i>                    | 120°               |
| Fidelidad color / <i>Colour Fidelity</i> | 90 R <sub>r</sub>  |
| Gama color / <i>Colour Gamut</i>         | 100 R <sub>g</sub> |
| Grupo de riesgo / <i>Risk group</i>      | GRO                |

Detalle constructivo  
*Design detail*



### Características técnicas / *Technical data*

|                                                    |                            |
|----------------------------------------------------|----------------------------|
| Material / <i>Material</i>                         | Silicona / <i>Silicone</i> |
| Protección / <i>Protection</i>                     | IP67 - IK08                |
| T. almacenamiento / <i>Storage T.</i>              | 0°C +60°C                  |
| T. ambiente / <i>Ambient T.</i>                    | -20°C +55°C                |
| Tc                                                 | 65°C                       |
| L. máx. alimentado / <i>Supply Max. Length</i>     | 10 m                       |
| L. máx. realimentado / <i>Resupply Max. Length</i> | 20 m                       |
| Vida útil / <i>Lifetime</i>                        | 50Kh (L80B10)              |
| Garantía / <i>Warranty</i>                         | 3 años/ <i>years</i>       |

Perfiles  
*Profiles*

Montaje en superficie    ● 12301005  
*Surface mounting*    ● 12301005N  
 L= 1000 mm    ○ 12301005B  
 Aluminio / Aluminum

Longitud perfil = Longitud total - Tapas  
*Profile length = Total length - End caps*

Sujeciones  
*Mounting clips*



Aluminio  
*Aluminum*

12201005

Con pasacable / *With hole*  
Sin pasacable / *Without hole*

12401005  
12402005



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

157 TECSOLEO



NOVEDAD / NEW

# SILICONE 48v

Para grandes proyectos  
For large projects

|   | Modelo<br>Model | Potencia<br>Pow. | L. Máx<br>Max. Len. | Tª color<br>Colour Temp. |       |       | ① Giro<br>Bending                                                                                               |
|---|-----------------|------------------|---------------------|--------------------------|-------|-------|-----------------------------------------------------------------------------------------------------------------|
| N | NMS1217         | 9,6 W/m          | 20 m                | 2700K                    | 3000K | 4000K |  Giro lateral<br>Side bend |
|   | NMS1217         | 5,3 W/m          | 50 m                |                          |       |       |                                                                                                                 |
| N | NMT1312         | 9,6 W/m          | 20 m                | 2700K                    | 3000K | 4000K |  Giro frontal<br>Top bend  |
|   | NMT1312         | 5,3 W/m          | 50 m                |                          |       |       |                                                                                                                 |

Consulta con nuestro departamento técnico  
Ask our commercial department!



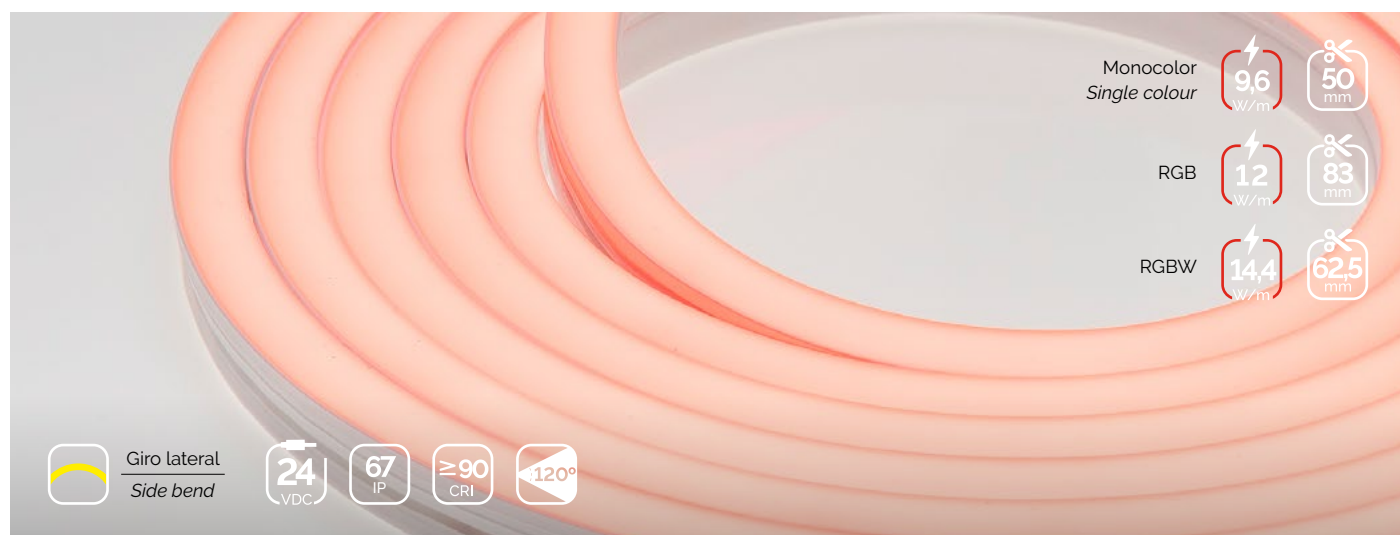
**50m** de tira continua  
*in a continuos strip*





CLINICA GUILARTE





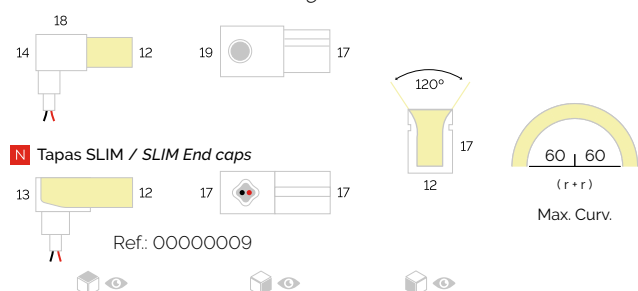
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T.                   |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------------------------|
| 12106001           | NMS1217 W       | 9,6                      | 530                       | 50                 | 6000K                                   |
| 12104001           | NMS1217 NW      | 9,6                      | 540                       | 50                 | 4000K                                   |
| 12103001           | NMS1217 W/W     | 9,6                      | 530                       | 50                 | 3000K                                   |
| 12102001           | NMS1217 SW      | 9,6                      | 520                       | 50                 | 2700K                                   |
| 12107001           | NMS1217 RGB     | 12                       | 200                       | 83                 | RGB                                     |
| 12115001           | NMS1217 RGBW    | 14,4                     | 240                       | 62,5               | RGBW <span style="color: red;">N</span> |

**Características eléctricas / Electrical data**

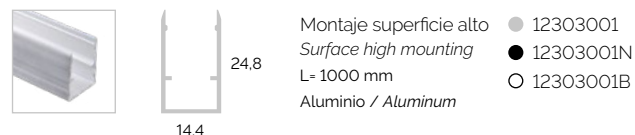
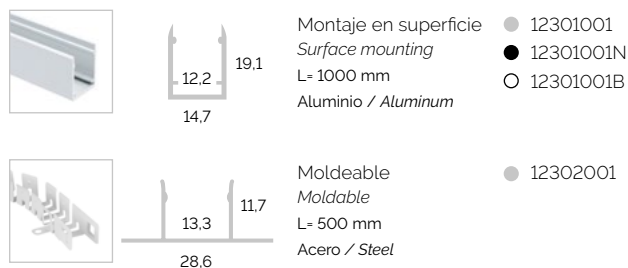
|                      |            |
|----------------------|------------|
| Tensión / Voltage    | 24 VDC     |
| Potencia / Power     | 9,6 W/m @W |
| Regulación / Dimming | PWM        |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK08         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 10 m                |
| L. máx. realimentado / Resupply Max. Length | 20 m                |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

**Perfiles  
Profiles**

**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

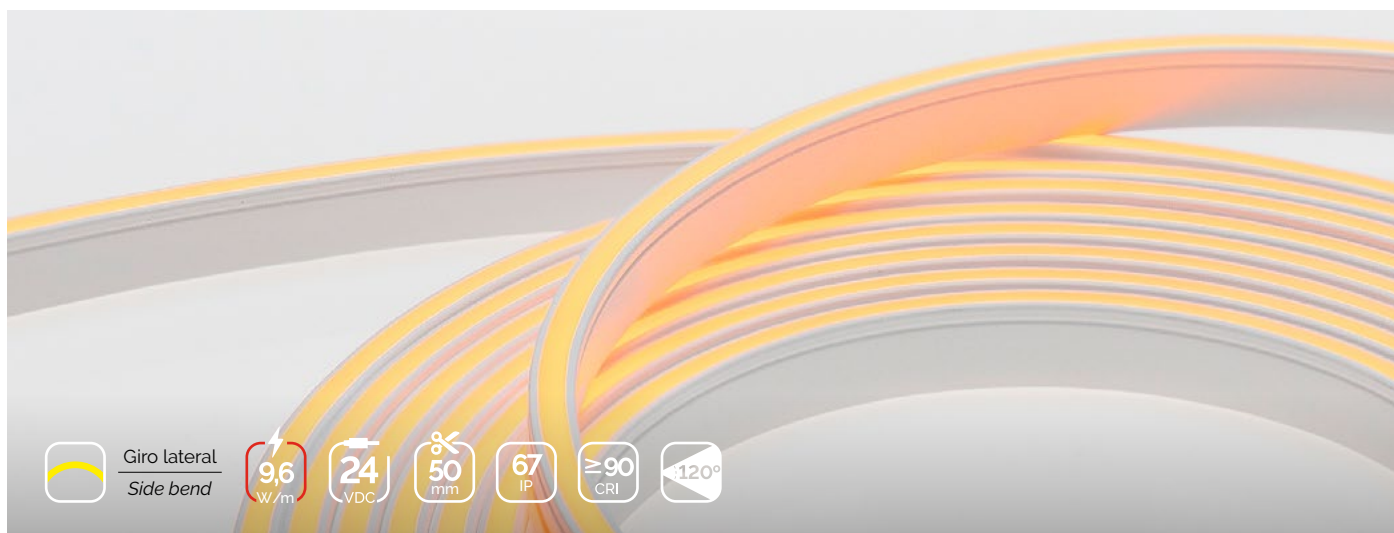
**Sujeciones  
Mounting clips**

12201001

**Tapas  
End caps**

Con pasacable / With hole  
Sin pasacable / Without hole

12401001  
12402001



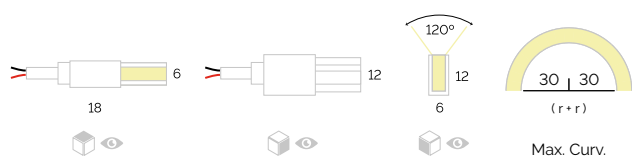
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12103006           | NMS0612 W       | 9,6                      | 240                       | 50                 | 6000K                 |
| 12102006           | NMS0612 NW      | 9,6                      | 260                       | 50                 | 4000K                 |
| 12101006           | NMS0612 WW      | 9,6                      | 240                       | 50                 | 3000K                 |
| 12104006           | NMS0612 R       | 9,6                      | 80                        | 50                 | ● Rojo/Red            |
| 12105006           | NMS0612 G       | 9,6                      | 150                       | 50                 | ● Verde/Green         |
| 12106006           | NMS0612 B       | 9,6                      | 55                        | 50                 | ● Azul/Blue           |
| 12107006           | NMS0612 A       | 9,6                      | 80                        | 50                 | ● Ámbar/Amber         |

**Características eléctricas / Electrical data**

|                      |            |
|----------------------|------------|
| Tensión / Voltage    | 24 VDC     |
| Potencia / Power     | 9,6 W/m @W |
| Regulación / Dimming | PWM        |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK06         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 10 m                |
| L. máx. realimentado / Resupply Max. Length | 5 m                 |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

**Perfiles  
Profiles**

Montaje en superficie  
Surface mounting  
L= 1000 mm  
Aluminio / Aluminum

● 12301006  
● 12301006N  
○ 12301006B

①  
**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

**Sujecciones  
Mounting clips**

Aluminio  
Aluminum

12201006



Con pasacable / With hole  
Sin pasacable / Without hole

12401006  
12402006

**Tapas  
End caps**





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

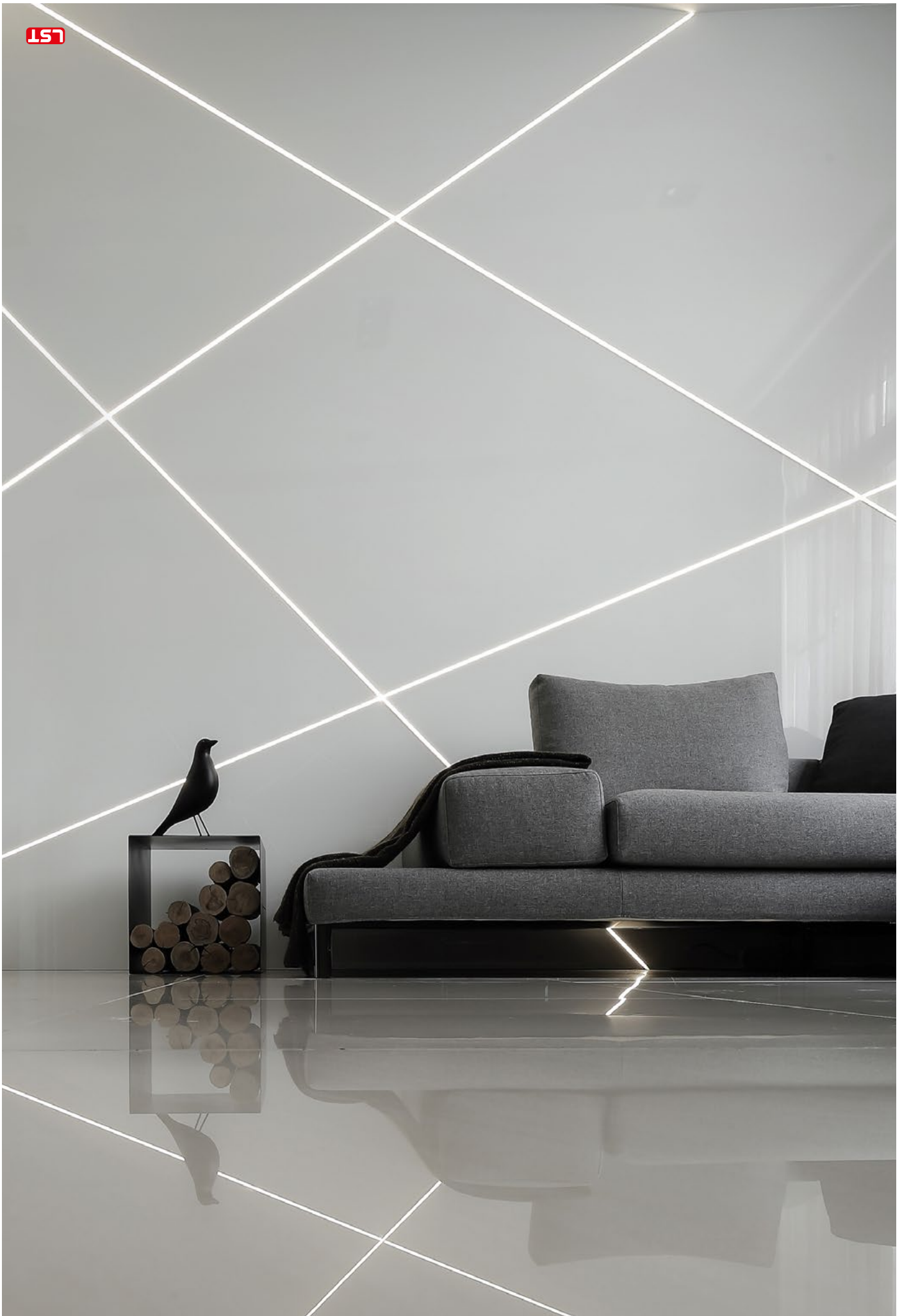
Deco.

Mod.

Cont.

Fuen.  
PSU

157 TECSOLEO







GIRO LATERAL / SIDE BEND

| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12106007           | NTS0410 W       | 7,2                      | 300                       | 42                 | 6000K                 |
| 12104007           | NTS0410 NW      | 7,2                      | 320                       | 42                 | 4000K                 |
| 12103007           | NTS0410 WW      | 7,2                      | 300                       | 42                 | 3000K                 |
| 12102007           | NTS0410 SW      | 7,2                      | 290                       | 42                 | 2700K                 |

Características eléctricas / Electrical data

|                      |         |
|----------------------|---------|
| Tensión / Voltage    | 24 VDC  |
| Potencia / Power     | 7,2 W/m |
| Regulación / Dimming | PWM     |

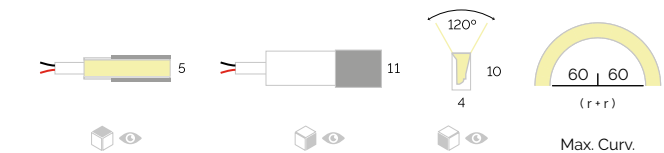
Características ópticas / Photometric data

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

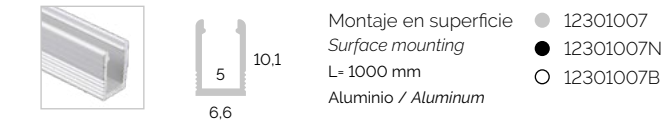
Características técnicas / Technical data

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP65 - IK06         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 10 m                |
| L. máx. realimentado / Resupply Max. Length | -                   |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

Detalle constructivo  
Design detail



Perfiles  
Profiles

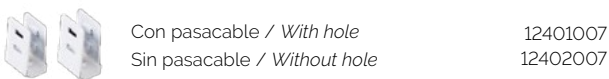


Longitud perfil = Longitud total - Tapas  
Profile length = Total length - End caps

Sujecciones  
Mounting clips



Tapas  
End caps



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

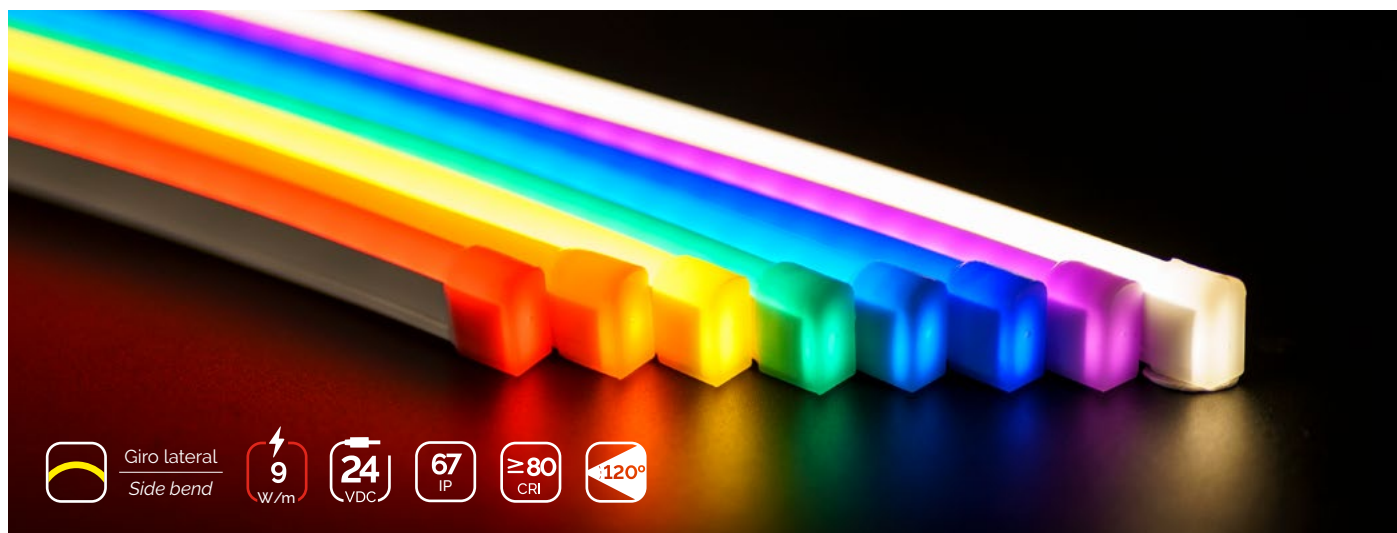
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



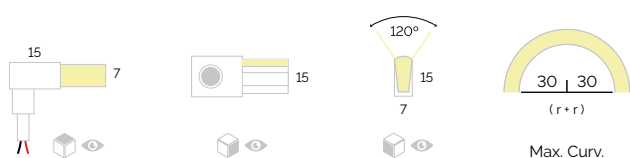
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12103010           | S0715 NW        | 9                        | 250                       | -                  | 4000K                 |
| 12106010           | S0715 R         | 9                        | 36                        | -                  | Rojo/Red              |
| 12108010           | S0715 G         | 9                        | 40                        | -                  | Verde/Green           |
| 12109010           | S0715 B         | 9                        | 6,5                       | -                  | Azul/Blue             |
| 12105010           | S0715 Y         | 9                        | 250                       | -                  | Amarillo/Yellow       |
| 12110010           | S0715 O         | 9                        | 90                        | -                  | Naranja/Orange        |
| 12107010           | S0715 P         | 9                        | 17                        | -                  | Púrpura/Purple        |
| 12111010           | S0715 C         | 9                        | 14                        | -                  | Cian/Cyan             |
| 12112010           | S0715 PI        | 9                        | 45                        | -                  | Rosa/Pink             |

**Características eléctricas / Electrical data**

|                      |        |
|----------------------|--------|
| Tensión / Voltage    | 24 VDC |
| Potencia / Power     | 9 W/m  |
| Regulación / Dimming | PWM    |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >80                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK06         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 5 m                 |
| L. máx. realimentado / Resupply Max. Length | -                   |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

**Sujeciones  
Mounting clips**Aluminio  
Aluminum

12201010

**Instalación  
Installation**

Fresado / milling

**Tapas  
End caps**Con pasacable  
With hole

|            |            |
|------------|------------|
| ○ 12401010 | ○ 12110110 |
| ● 12106110 | ● 12107110 |
| ● 12108110 | ● 12111110 |
| ● 12109110 | ● 12112110 |
| ● 12105110 |            |

Sin pasacable  
Without hole

|            |            |
|------------|------------|
| ○ 12402010 | ○ 12110210 |
| ● 12106210 | ● 12107210 |
| ● 12108210 | ● 12111210 |
| ● 12109210 | ● 12112210 |
| ● 12105210 |            |



GIRO LATERAL / SIDE BEND

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

**LSI** TECSOLE









Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

**151** TECSOLE



NOVEDAD / NEW

# Giro 3D *Bend*

Giro frontal y lateral.  
Ilimitadas aplicaciones.

*Front and side bend. Unlimited applications.*

La Silicone 3D1515 es capaz de adaptarse a un único espacio tridimensional cumpliendo con cualquier requisito de instalación.

*Silicone 3D1515 adapts to a three-dimensional space meeting the installations requirements.*



FUEGO  
FIRE



QUÍMICOS  
CHEM.



AGUA SALADA  
SALINE  
ENVIRONM.



RAYOS UV  
UV RAYS



Ext.



Dot Free



IK

- Libera tu creatividad, consigue diseños tan originales como imagines.

*Free your creativity, break the limitations of space doing diferents turns and get designs as creative as you can imagine.*

- Fabricado gracias a la tecnología de extrusión de silicona con protección IP67, conseguimos un alto grado de transmitancia de la luz manteniendo la protección y garantizando la instalación tanto en interior como exterior.

*Made thanks to silicone extrusion technology with IP67 process, we achieve high light transmittance while maintaining protection and ensuring installation both indoors and outdoors.*

\*TSL NM3D1515 con perfil moldeable / moldable groove



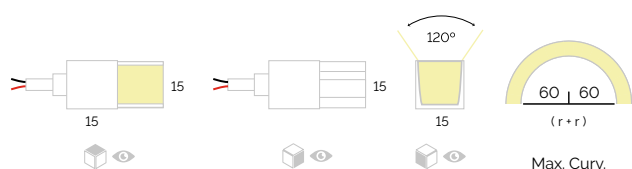
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12106009           | NM3D1515 W      | 7,2                      | 530                       | 42                 | 6000K                 |
| 12104009           | NM3D1515 NW     | 7,2                      | 540                       | 42                 | 4000K                 |
| 12103009           | NM3D1515 WW     | 7,2                      | 530                       | 42                 | 3000K                 |
| 12102009           | NM3D1515 SW     | 7,2                      | 520                       | 42                 | 2700K                 |

**Características eléctricas / Electrical data**

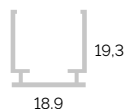
|                      |         |
|----------------------|---------|
| Tensión / Voltage    | 24 VDC  |
| Potencia / Power     | 7,2 W/m |
| Regulación / Dimming | PWM     |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

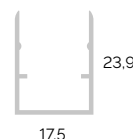
**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                             |                     |
|---------------------------------------------|---------------------|
| Material / Material                         | Silicona / Silicone |
| Protección / Protection                     | IP67 - IK08         |
| T. almacenamiento / Storage T.              | 0°C +60°C           |
| T. ambiente / Ambient T.                    | -20°C +55°C         |
| Tc                                          | 65°C                |
| L. máx. alimentado / Supply Max. Length     | 10 m                |
| L. máx. realimentado / Resupply Max. Length | 20 m                |
| Vida útil / Lifetime                        | 50Kh (L80B10)       |
| Garantía / Warranty                         | 3 años/years        |

**Perfiles  
Profiles**

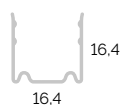
Montaje en superficie  
Surface mounting  
L= 1000 mm  
Aluminio / Aluminum

● 12301009  
● 12301009N  
○ 12301009B



Montaje superficie alto  
Surface high mounting  
L= 1000 mm  
Aluminio / Aluminum

● 12303012  
● 12303012N  
○ 12303012B



Moldeable  
Moldable  
L= 500 mm  
Acero / Steel

● 12302009

**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

**Sujeciones  
Mounting clips**

Aluminio  
Aluminium

12201012



Con pasacable / With hole  
Sin pasacable / Without hole

12401009  
12402009

**Tapas  
End caps**

# STRIP WATER

NUEVA TECNOLOGÍA / NEW TECHNOLOGY

## LED

## LA SOLUCIÓN LINEAL PARA PISCINAS



THE LINEAR SOLUTION FOR  
SWIMMING POOLS



SUMERGIBLE  
SUBMERSIBLE



QUÍMICOS  
CHEM.



AGUA SALADA  
SALINE  
ENVIRON.



RAYOS UV  
UV RAYS

La nueva tecnología permite la producción personalizada de Strip Water Led manteniendo la protección IP68, sin necesidad de cortes intermedios y con unos tiempos de producción similares a los de la tira flexible.

*The new technology allows the customized production of Strip Water Led while preserving the IP68 process, without the need for intermediate connections and with the same production times as the LED strips.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



NOVEDAD / NEW

# TECNOLOGÍA AVANZADA

ADVANCE TECHNOLOGY



- Iluminación a medida  
*Custom lighting*

La **nueva tecnología** permite la producción personalizada de Strip Water Led manteniendo la **protección IP68**, sin necesidad de cortes intermedios y con unos **tiempos de producción** similares a los de la tira flexible.

*The new technology allows the customized production of Strip Water Led while preserving the IP68 process, without the need for intermediate connections and with the same production times as the LED strips.*



- Protección mejorada  
*Upgrade protection*

La nueva Strip Water Led está fabricada con la **tecnología doble de coextrusión** realizando un producto con doble densidad, generando una protección contra ingresos IP68 y una **protección contra impactos IK8**.

*Produced in dual coextrusion technology, creating a product with double density, with IP68 protection and an impact protection of IK8.*





Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

Fuen. PSU



SUMERGIBLE  
SUBMERSIBLE



QUÍMICOS  
CHEMICALS



AGUA SALADA  
SALINE  
ENVIRONMENTS



RAYOS UV  
UV RAYS



# ¿En qué lugares se instala la tira y cuál es el perfil adecuado para cada aplicación?

*Where is the strip to be installed and what is the right profile for each application?*

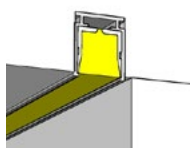
Dependiendo de las dimensiones de nuestra instalación, determinaremos los lugares para alimentar o realimentar la Strip Water Led. Es importante establecer previamente las canalizaciones necesarias para hacer llegar el cableado a los extremos de la tira. En el caso de ser necesarias realimentaciones, estas pueden realizarse a través de canalizaciones secundarias o utilizando el perfil de aluminio especial para cableado paralelo.

*Depending on the dimensions of our installation, we will determine the places to supply or resupply the Strip Water Led. It is important to establish beforehand the necessary conduits to bring the wiring to the ends of the strip. In the case of being necessary resupplying, these can be done through secondary conduits or using the special aluminum profile for parallel wiring.*

## Perfil bajo / Low profile

Para tira con una alimentación única o realimentada en paralelo por el perímetro externo de la piscina.

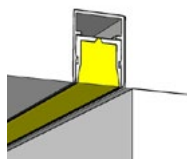
*For strips with a single or parallel power supply around the external perimeter of the pool.*



## Perfil alto / High profile

Para tira con necesidad de realimentación, permite alojar cableado paralelo en su interior.

*For strips with resupply requirements, parallel wiring can be accommodated inside the profile.*

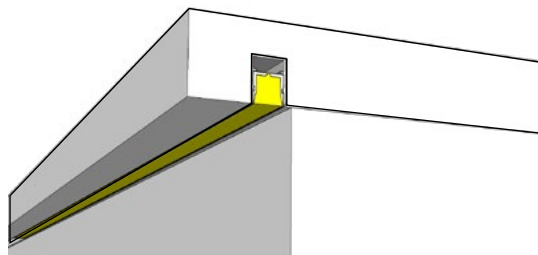


## • Instalación bajo el borde cerámico

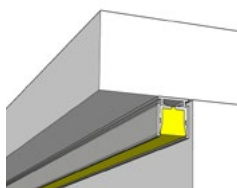
*Installation under the ceramic edge*

La Strip Water Led puede alojarse de forma invertida bajo el borde lateral de la piscina. La protección que aporta este elemento permite instalarlo de forma superficial o encastrada.

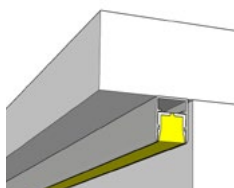
*The Strip Water Led can be installed upside down under the side edge of the pool. The protection provided by this element allows it to be installed on the surface or recessed.*



### Superficie / Surface

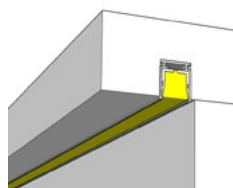


Perfil bajo alimentado  
*Low profile supply*

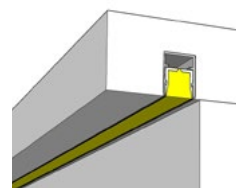


Perfil alto realimentado  
*High profile resupply*

### Encastrado / Embedded



Perfil bajo alimentado  
*Low profile supply*



Perfil alto realimentado  
*High profile resupply*

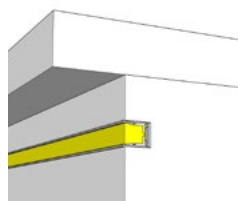
## • Instalación en pared

*Wall installation*

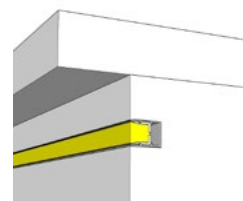
Esta aplicación se realiza de forma sumergida y encastrada en pared, ya que la instalación superficial pondría en peligro la integridad del producto.

*This application is submerged and embedded in the wall, as surface installation would jeopardise the integrity of the product.*

### Encastrado / Embedded



Perfil bajo alimentado  
*Low profile supply*



Perfil alto realimentado  
*High profile resupply*

# ¿Qué debo tener en cuenta para encastrar el perfil?

*What do I have to consider when embedding the profile?*

## • Encastrado

Embedded

### Piscina nueva / New pool

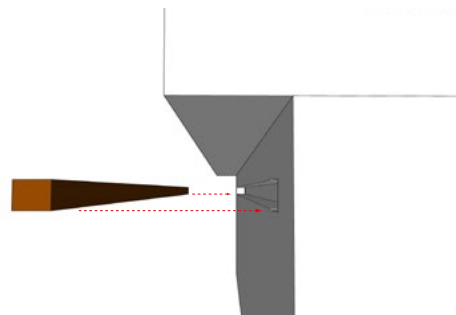
Se podrá aplicar el mortero, cemento u hormigón en la pared tras haber colocado listones de madera o espuma de las dimensiones del perfil para prever su correcta colocación.

*The mortar, cement or concrete can be applied to the wall after having placed wooden or foam strips of the dimensions of the profile to provide for its correct installation.*

### Piscina existente / Existing pool

Se realizará un corte y vaciado uniforme de unas dimensiones similares al perfil, así los elementos encajarán perfectamente en la pared sin que sufrir daños.

*A uniform cut and hollowing of similar dimensions to the profile will be carried out, so that the elements will fit perfectly into the wall without being damaged.*



## • Reservar espacio para cableado y tapas

Reserve space for wiring and end caps

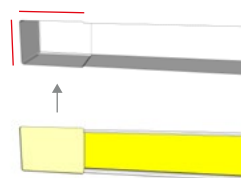
Debemos tener en cuenta las dimensiones de las tapas de los extremos de las tiras para adaptar la cavidad lateral, esconder los extremos o cualquier otra acción similar. Destacar en este punto las nuevas tapas para el modelo NMT1515, con la salida del cable en ángulo de 90°.

*We must take into account the dimensions of the end caps of the strips, to adapt the side cavity, hide the ends or any other similar action.*

*We highlight here the new end caps for the NMT1515 model, with the cable outlet at a 90° angle.*

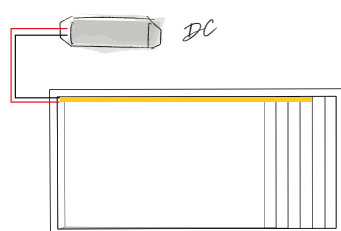
Rebaje extra para contener las tapas o cableado

*Extra recess to contain end caps or cabling*



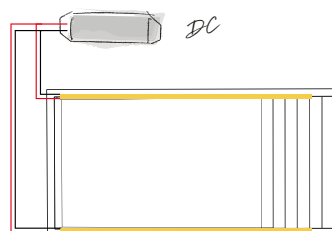
## Conexiones

*Connections*



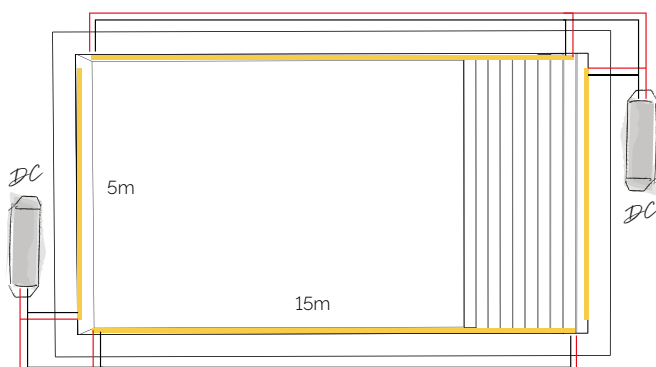
Fuente alimenta una tira. (máx. 10m)

*Power supply unit power a strip (maximum 10m)*



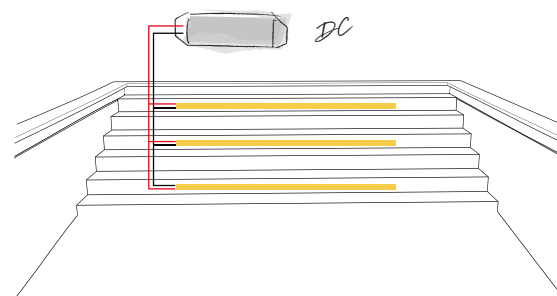
Fuente alimenta 2 tiras. (máximo 10m cada una)

*Power supply unit power two strips (maximum 10 m each strip)*



Dos fuentes alimentan dos tiras, la que supera los 10m es realimentada

*Two power supply units supplies, the one that exceeds 10 m is resupplies*



Fuente alimenta varios escalones

*Power supply unit power several steps*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12106012           | NMS1515 W       | 9,6                      | 580                       | 50                 | 6000K                 |
| 12104012           | NMS1515 NW      | 9,6                      | 600                       | 50                 | 4000K                 |
| 12103012           | NMS1515 W/W     | 9,6                      | 580                       | 50                 | 3000K                 |
| 12102012           | NMS1515 SW      | 9,6                      | 560                       | 50                 | 2700K                 |
| 12107012           | NMS1515 RGB     | 12                       | 280                       | 83                 | RGB                   |

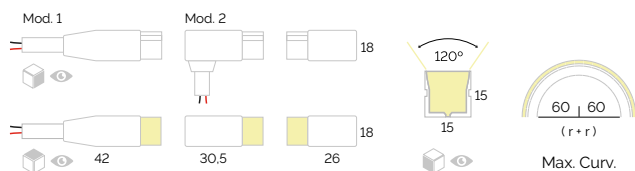
## Características eléctricas / Electrical data

|                      |            |
|----------------------|------------|
| Tensión / Voltage    | 24 VDC     |
| Potencia / Power     | 9,6 W/m @W |
| Regulación / Dimming | PWM        |

## Características ópticas / Photometric data

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

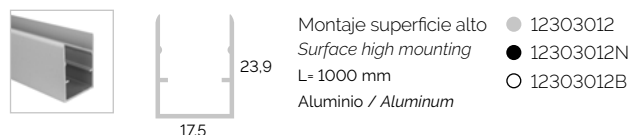
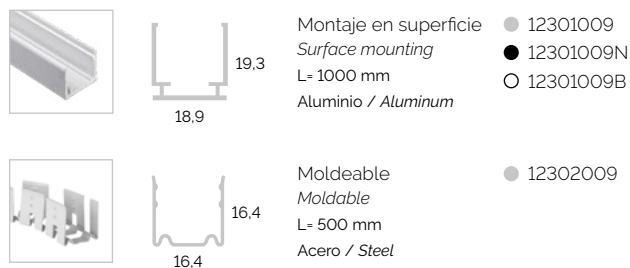
## Detalle constructivo Design detail



## Características técnicas / Technical data

|                                             |               |
|---------------------------------------------|---------------|
| Material / Material                         | Silic.        |
| Protección / Protection                     | IP68 - IK08   |
| T. almacenamiento / Storage T.              | 0°C +60°C     |
| T. ambiente / Ambient T.                    | -20°C +55°C   |
| Tc                                          | 65°C          |
| L. máx. alimentado / Supply Max. Length     | 10 m          |
| L. máx. realimentado / Resupply Max. Length | 20 m          |
| Vida útil / Lifetime                        | 50Kh (L80B10) |
| Garantía / Warranty                         | 3 años/years  |

## Perfiles Profiles



Longitud perfil = Longitud total - Tapas  
Profile length = Total length - End caps

## Sujecciones Mounting clips



12201012



Tira  
Strip

Acc.

Silic.

**SWL**

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

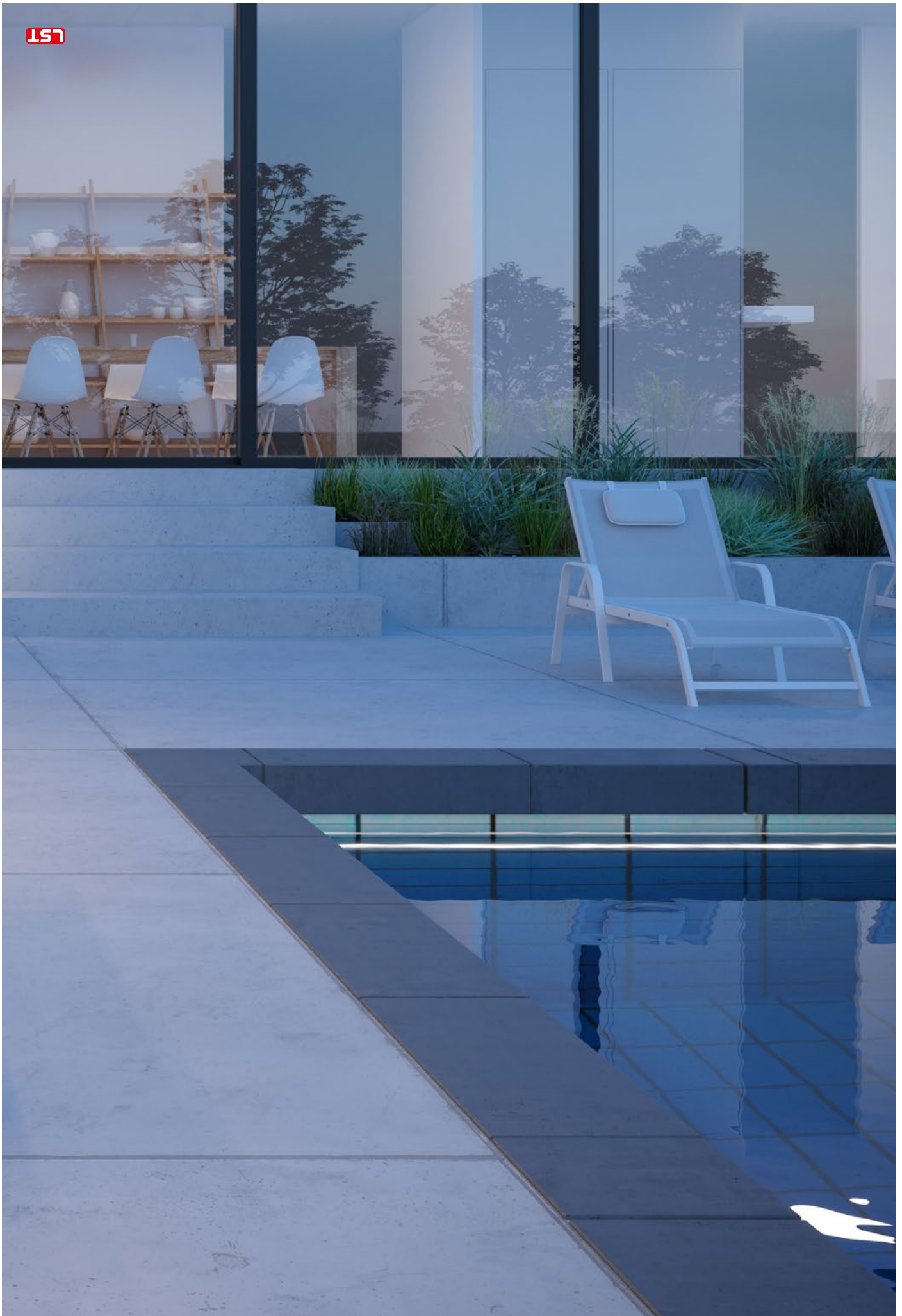
Mod.

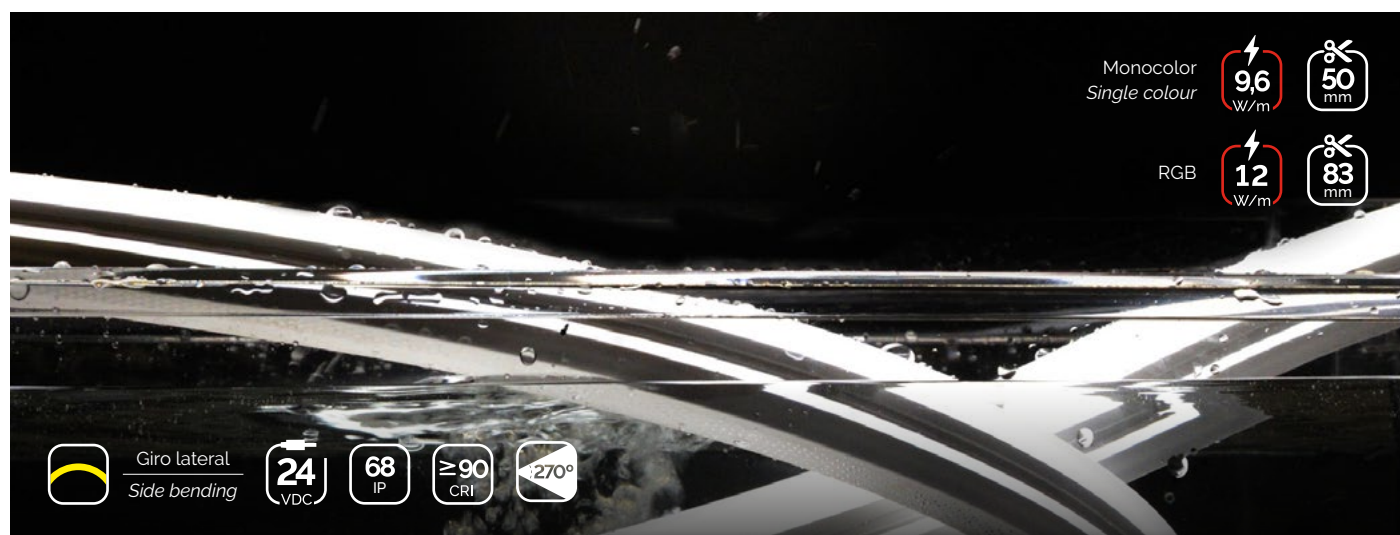
Cont.

Fuen.  
PSU

**LSI** TECSOLED







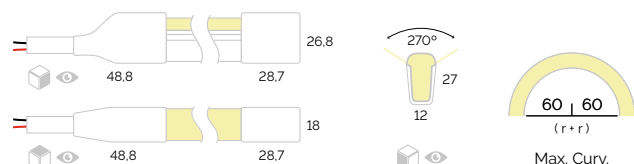
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12106008           | NNS1224 W       | 9,6                      | 510                       | 50                 | 6000K                 |
| 12105008           | NNS1224 DW      | 9,6                      | 520                       | 50                 | 5000K                 |
| 12104008           | NNS1224 NW      | 9,6                      | 520                       | 50                 | 4000K                 |
| 12103008           | NNS1224 WW      | 9,6                      | 490                       | 50                 | 3000K                 |
| 12102008           | NNS1224 SW      | 9,6                      | 480                       | 50                 | 2700K                 |
| 12111008           | NNS1224 RGB     | 12                       | 280                       | 83                 | RGB                   |

**Características eléctricas / Electrical data**

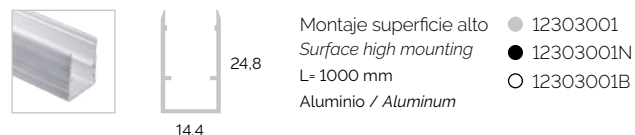
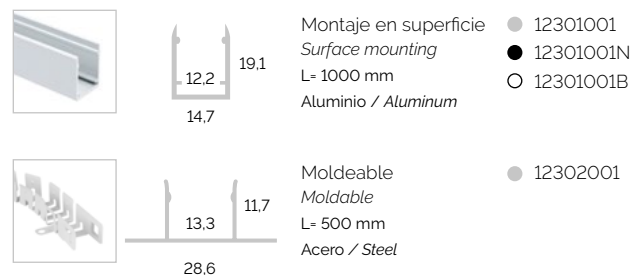
|                      |            |
|----------------------|------------|
| Tensión / Voltage    | 24 VDC     |
| Potencia / Power     | 9,6 W/m @W |
| Regulación / Dimming | PWM        |

**Características ópticas / Photometric data**

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 SDCM             |
| Ángulo / Angle                    | 120°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

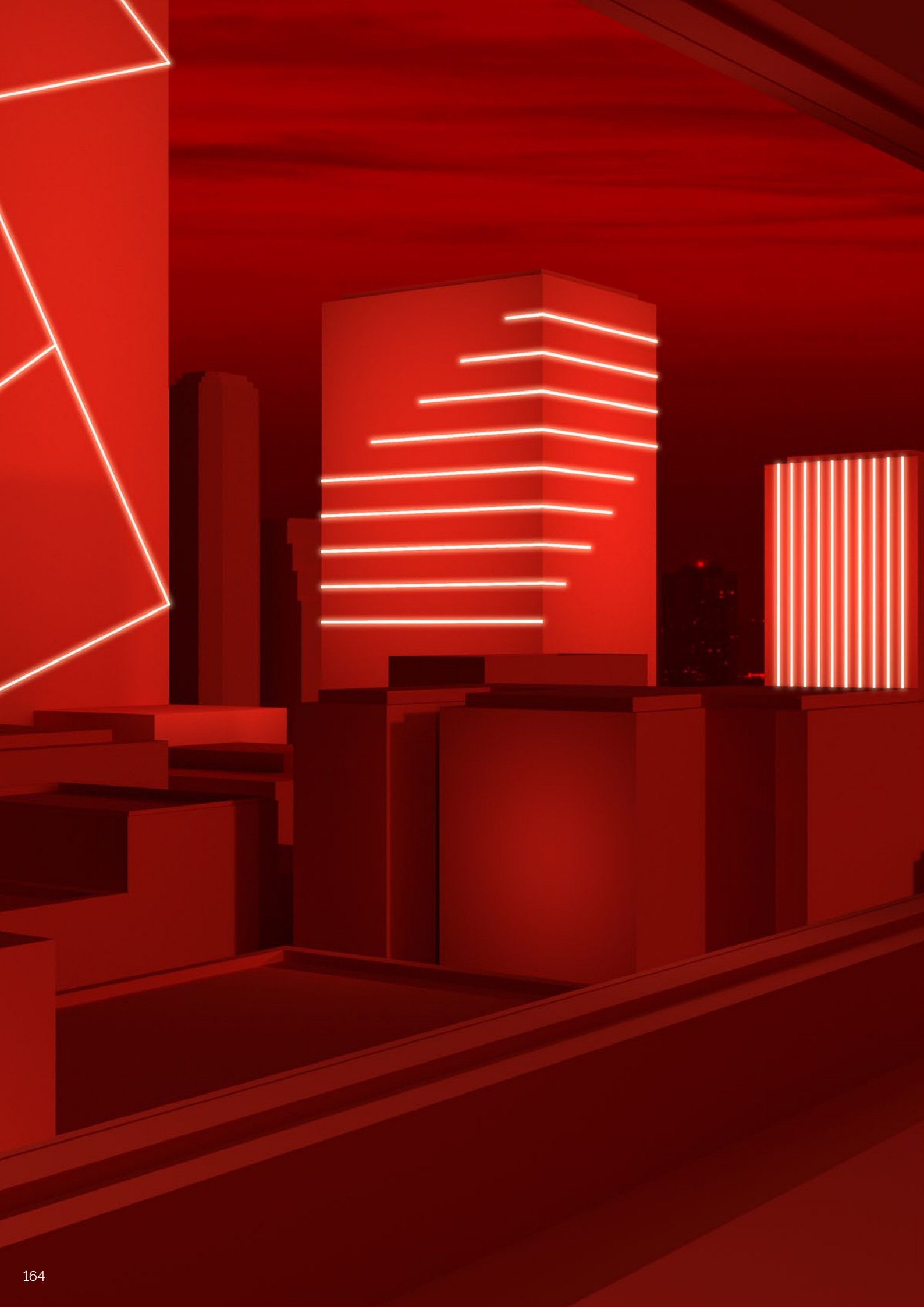
|                                             |               |
|---------------------------------------------|---------------|
| Material / Material                         | Silic.        |
| Protección / Protection                     | IP68 - IK08   |
| T. almacenamiento / Storage T.              | 0°C +60°C     |
| T. ambiente / Ambient T.                    | -20°C +55°C   |
| Tc                                          | 65°C          |
| L. máx. alimentado / Supply Max. Length     | 10 m          |
| L. máx. realimentado / Resupply Max. Length | 20 m          |
| Vida útil / Lifetime                        | 50Kh (L80B10) |
| Garantía / Warranty                         | 3 años/years  |

**Perfiles  
Profiles**

**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

**Sujeciones  
Mounting clips**

12201001





# CIRCUS

## DYNAMIC LIGHTING

Circus Dynamic lighting es un sistema de iluminación y control con base digital mediante protocolos DMX/SPI que permite explorar los aspectos más emocionales y creativos con los que un diseñador puede trabajar creando unas sensaciones en los usuarios como ningún otro sistema de iluminación. El objetivo de Tecsoled ha sido sintetizar todos los elementos presentes en Circus para que sea concebido como un sistema "colocar y listo", debido a que las particularidades del diseño, la instalación y el control de los de los sistemas luminicos dinámicos son más complejas que las referidas a las instalaciones más habituales.

La familia Circus está formada por un conjunto de productos de alta calidad que Tecsoled personaliza para adaptarse a las exigencias del cliente, simplificando los procesos y garantizando el funcionamiento, las capacidades de control y la durabilidad máxima de los componentes.

*Circus Dynamic lighting is a control digital system with DMX/SPI protocol. It allows to explore the most creative and emotional aspects the designer can work with to give the users sensations no other lighting system is able to.*

*The design, installation and control for this type of dynamic lighting is more complex than the traditional systems, for this reason Tecsoled's aim is to collect all the necessary elements for Circus to simplify its installation so it is 'ready to go'.*

*The Circus Family is a group of high quality products that Tecsoled personalise to meet every client needs, simplifying processes and ensuring operation, control capability and maximum durability for the components.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# CIRCUS

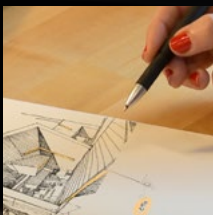
D y n a m i c   l i g h t i n g

La diferencia entre los elementos lumínicos LED más tradicionales y los sistemas dinámicos se basa en la cantidad de información que se requiere enviar a través de los productos para conseguir los efectos deseados. Esa cantidad de datos en formato digital ha de tratarse de manera técnicamente perfecta. La longitud máxima de luminarias y tiras, la sección del cableado, las conexiones entre elementos y la correcta alimentación son claves para que un sistema de iluminación digital funcione de la forma correcta, sin ninguna interferencia y durante toda la vida útil del producto.

*The difference between the traditional LED elements and the dynamic system is the quantity of information that needs to go through the products in order to obtain the desired effect. This amount of data in digital format must be treated in a perfect technical way. The luminaries and strips length, the cable section, the connection between elements and the correct power supply are the key for the success of this digital lighting system, so it works without any interference and during the products entire life span.*



► VÍDEO



### Diseño / Design

Asesoramos técnicamente a los diseñadores para que sus creaciones lleguen a ser una realidad.

*We give technical support to the designers so their creations become a reality.*



### Fabricación / Manufacture

Preparamos todos los elementos de una instalación para realizar un sistema completo "colocar y listo" evitando cualquier tipo de error en el proceso.

*We prepare all the elements for an easy installation to avoid any errors in the process.*



### Instalación / Installation

Contamos con una red de colaboradores con una alta experiencia en instalaciones de control de alta complejidad formados internamente para realizar instalaciones completas o puestas en marcha.

*We are proud of our network of partners with high-qualified experience to prepare even the most complex installation and set-up.*



### Programación / Programming

Realizamos programaciones de modo remoto o presencial según la complejidad de la instalación, asesorando a los diseñadores luminicos o llevando a cabo los diseños marcados.

*We prepare the full set-up both remotely or on-site, depending on the installation complexity, giving advice to the designers and building the required designs.*

Tira  
Strip

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Mod.

Cont.

Fuen.  
PSU

# CIRCUS BOX

Circusbox reúne todos los elementos de alimentación y control y los presenta totalmente cableados y preparados para su conexión mediante conectores a las luminarias del resto del sistema.

*Circusbox combines all the power supply and control elements and provides them fully wired and ready for their connection to the rest of the system.*

|                                      | SLESA | NÉBULA | NÉBULA<br>+ AURA | NÉBULA +<br>AURA + ORIÓN | ARTNET |
|--------------------------------------|-------|--------|------------------|--------------------------|--------|
| <b>Configuración / Configuration</b> |       |        |                  |                          |        |
| Tablet                               | ✓     | ✗      | ✗                | ✗                        | ✗      |
| PC                                   | ✓     | ✓      | ✓                | ✓                        | ✓      |
| <b>Control</b>                       |       |        |                  |                          |        |
| Tablet                               | ✓     | ✓      | ✗                | ✗                        | ✓      |
| PC                                   | ✓     | ✓      | ✗                | ✗                        | ✓      |
| Pulsador / Button                    | ✓     | ✗      | ✗                | ✓                        | ✗      |
| Música / Music                       | ✗     | ✓      | ✗                | ✗                        | ✓      |
| Autónomo / Autonomous                | ✓     | ✗      | ✓                | ✓                        | ✗      |
| Calendario / Calendar                | ✓     | ✓      | ✓                | ✓                        | ✓      |
| <b>Comunicación / Communication</b>  |       |        |                  |                          |        |
| USB                                  | ✓     | ✓      | ✓                | ✓                        | ✗      |
| Ethernet                             | ✓     | ✓      | ✓                | ✓                        | ✓      |
| WiFi                                 | ✓     | ✗      | ✗                | ✗                        | ✗      |
| <b>Escalado / Scalable way</b>       |       |        |                  |                          |        |
| Directo / Direct                     | ✗     | ✓      | ✓                | ✓                        | ✗      |
| Switch Ethernet                      | ✓     | ✓      | ✓                | ✓                        | ✓      |
| <b>Pixels max. (RGB)</b>             | 341   | 1360   | 1360             | 1360                     | 2720   |
| <b>Salidas / Outputs</b>             | 2     | 2      | 2                | 2                        | 4      |
| <b>DMX univ.</b>                     | 2     | 8      | 8                | 8                        | 16     |



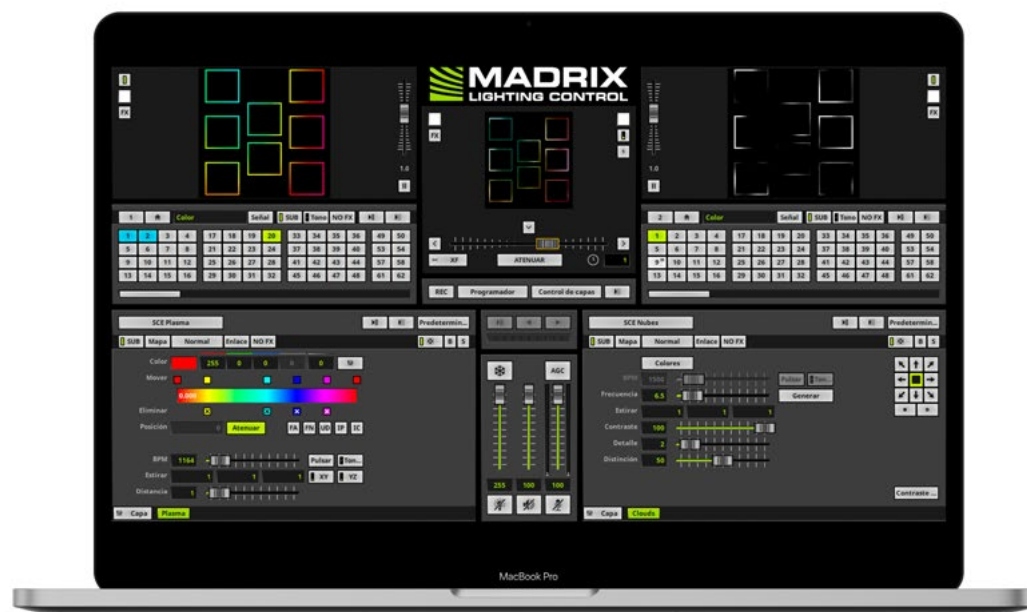






## El galardonado controlador de iluminación LED para el mejor mapeo de píxeles en 2D o 3D.

The award-winning LED lighting controller for ultimate pixel mapping in 2D or 3D.



- **Máxima flexibilidad**

### *Ultimate flexibility*

MADRIX® 5 puede producir un espectáculo de luces LED completo desde una computadora o laptop normal. Este poderoso software no solo le permitirá controlar casi cualquier pantalla LED 2D de todas las formas posibles, sino también aplicaciones LED 3D reales.

*MADRIX® 5 can produce a complete LED light show from a normal computer or laptop. This powerful software will not only allow you to control nearly any 2D LED display in every possible way, but real 3D LED applications as well.*

- **Creatividad definitiva**

### *Ultimate creativity*

Hermosos colores, imágenes asombrosas y efectos espectaculares. Este software es muy fácil de usar con una operación similar a VJ, 2 decks y un crossfader, además de 3 vistas previas en tiempo real para mostrar sus efectos por adelantado.

*Beautiful colors, stunning visuals, and spectacular effects. This software is very easy to use with a VJ-like operation, 2 decks and a crossfader, plus 3 real-time previews to show your effects in advance.*

- **Control definitivo**

### *Ultimate control*

Funciones completamente nuevas, una nueva interfaz de usuario, rendimiento y velocidad sin precedentes gracias al nuevo y potente motor de renderizado de 64 bits.

*All-new features, a fresh user interface, unprecedented performance and speed thanks to the powerful new 64-bit render engine.*

- **Imágenes audio-reactivas**

### *Audio-reactive visuals*

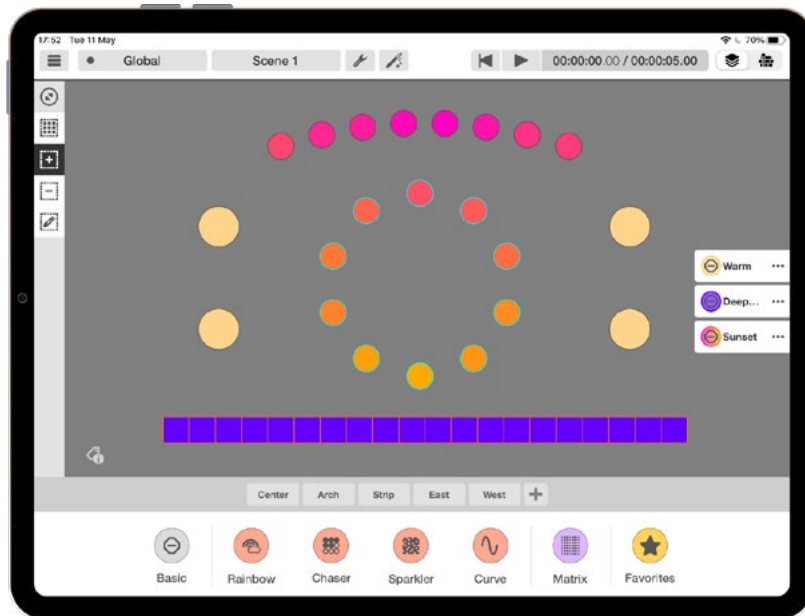
MADRIX® 5 presenta un análisis de audio de última generación. Puede procesar cualquier señal de audio en vivo y crear impresionantes efectos visuales de iluminación en tiempo real. Estos efectos en vivo crearán un espectáculo de luces que se sincronizará con su música.

*MADRIX® 5 features a state-of-the-art audio analysis. It can process any live audio signal and create stunning real-time lighting visuals. These live effects will create a light show that runs in sync with your music.*



## Potente sistema de programación desde una aplicación.

Powerful programming system from an app.



- Movilidad

### *Mobility*

Arcolis permite libertad de movimientos, controlando y programando una instalación en tiempo real sin estar restringido a un portátil y un cable USB en la sala de control.

*Arcolis gives you the freedom to move around the site, controlling and programming an installation in real-time without being restricted to a laptop and USB cable in the control room.*

- Proyectos

### *Projects*

Creación de proyectos para instalaciones de iluminación y sincronizelos a través de Internet con Light Cloud.

*Create projects for your lighting installations and synchronise them over the internet with Light Cloud.*

- Mapeo de luminarias

### *Fixture Mapping*

Diseño de planos 2D de luminarias. Arcolis admite luces individuales además de tiras de LED y matrices. Permite atenuación de un solo canal o luces de mezcla de colores.

*Map out a 2D plan of your lights. Arcolis supports single lights in addition to LED strips and matrix arrangements. Choose between single channel dimming, or color mixing lights.*

- Mezcla de colores

### *Colour mixing*

Arcolis permite elegir qué colores usan las luminarias y mezclar estos colores en sus efectos.

*Arcolis allows you to choose which colors your lights use and mix these colors in your effects.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

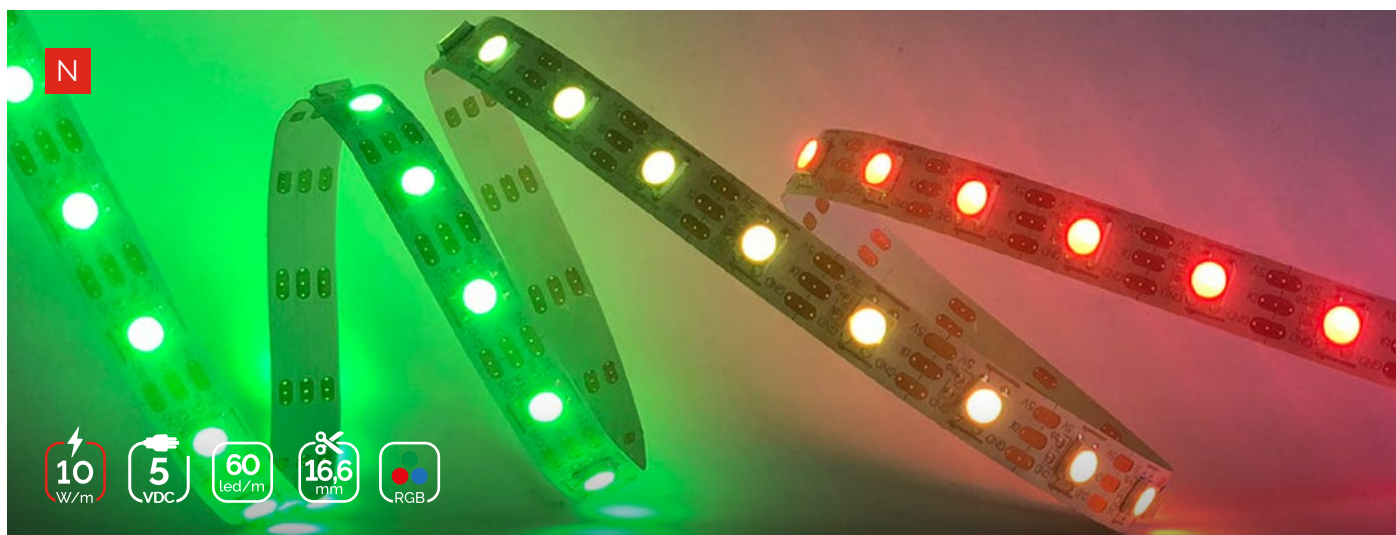
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02420408           | SPI 3           | 207 lm/m          | 20,7 lm/W            | RGB                   | 10 mm          | IP 20 N  |

## Características eléctricas / Electrical data

|                                |           |
|--------------------------------|-----------|
| Tensión / Voltage              | 5 VDC     |
| Potencia / Power               | 10 W/m    |
| Intensidad / Current           | 2000 mA/m |
| Intensidad max. / Max. Current | 5 A       |

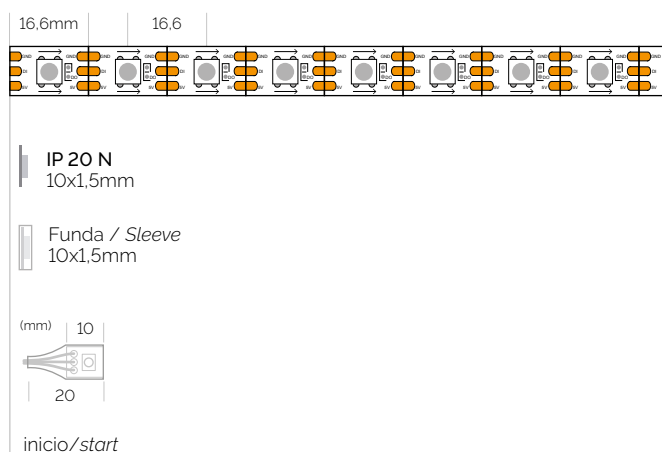
## Características ópticas / Photometric data

|                              |      |
|------------------------------|------|
| Ángulo / Angle               | 120° |
| Grupo de riesgo / Risk group | GRO  |

## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD2835        |
| Control                        | SPI            |
| Tipo IC / IC Type              | -              |
| Densidad / Density             | 60 Led/m       |
| Densidad Px / Px Density       | 60 RGB px/m    |
| Resolución / Resolution        | 1:1            |
| Corte mínimo / Cutting unit    | 16,6 mm        |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 16,6 mm        |
| Longitud máx. / Max. length    | 2,5 m          |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L70B50)  |
| Garantía / Warranty            | 3 años / years |

## Detalle constructivo Design detail





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440409           | SPI 4           | 340 lm/m          | 28,30 lm/W           | RGB                   | 10 mm          | IP 20 N  |
| 02440410           | SPI 1           | 323 lm/m          | 26,91 lm/W           | RGB                   | 12 mm          | IP 67 E  |

Tira  
Strip

Acc.

Silic.

SWL

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Prod.

Deco.

Mod.

Cont.

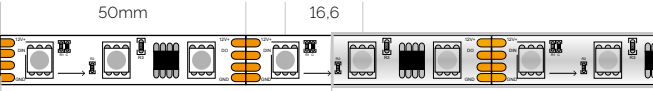
Fuen.  
PSU

| Características eléctricas / Electrical data |                |
|----------------------------------------------|----------------|
| Tensión / Voltage                            | 12 VDC         |
| Potencia / Power                             | 12 W/m         |
| Intensidad / Current                         | 1000 mA/m      |
| Intensidad max. / Max. Current               | 5 A            |
| Características ópticas / Photometric data   |                |
| Ángulo / Angle                               | 120°           |
| Grupo de riesgo / Risk group                 | GRO            |
| Características técnicas / Technical data    |                |
| Tipo LED / LED Type                          | SMD5050        |
| Control                                      | SPI            |
| Tipo IC / IC Type                            | WS2811         |
| Densidad / Density                           | 60 Led/m       |
| Densidad Px / Px Density                     | 20 RGB px/m    |
| Resolución / Resolution                      | 3.1            |
| Corte mínimo / Cutting unit                  | 50 mm          |
| T. almacenamiento / Storage T.               | -25°C + 80°C   |
| T. ambiente / Ambient T.                     | -20°C + 45°C   |
| Tc                                           | 65°C           |
| Paso LED / LED Pitch                         | 16,6 mm        |
| Longitud máx. / Max. length                  | 5 m            |
| Adhesivo / Adhesive                          | 3M 300LSE      |
| Vida útil / Lifetime                         | 50Kh (L70B50)  |
| Garantía / Warranty                          | 3 años / years |

Detalle constructivo  
Design detail

50mm

16,6



IP 20 N  
10x2mm

IP 67 E  
12x6mm

Funda / Sleeve  
10x2mm

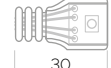
Tapa / Caps  
14,5x7,5mm

(mm) 10



20

(mm) 11



30

(mm) 10,5



12

inicio/start

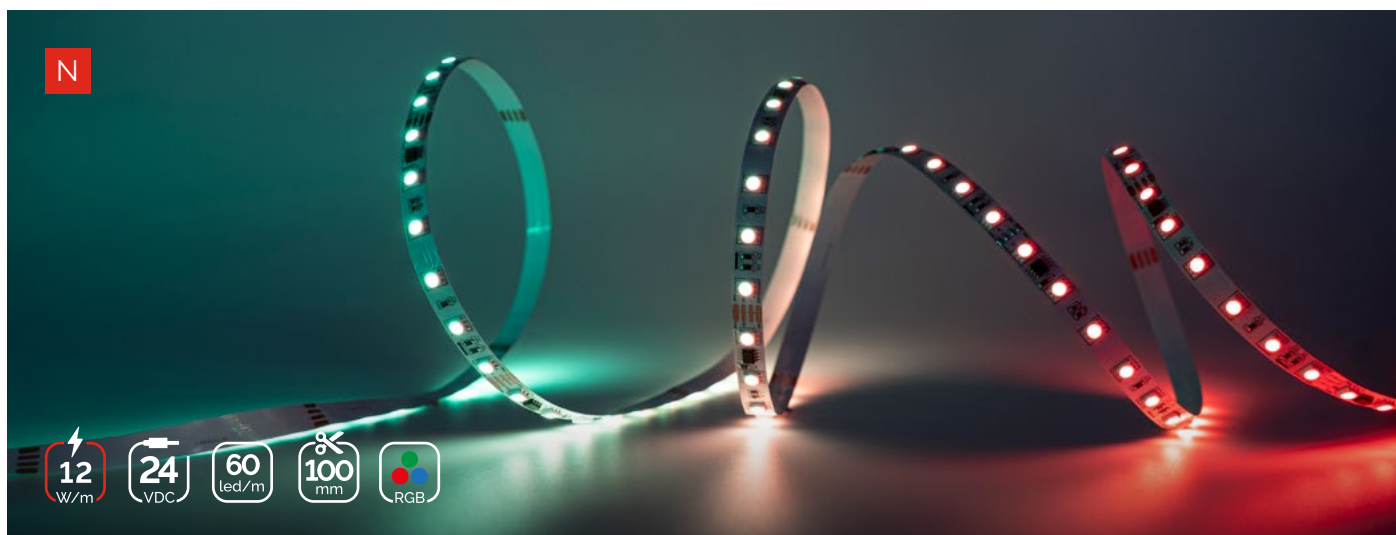
fin/end



TECSOLED

173





| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440411           | SPI 5           | 340 lm/m          | 28,30 lm/W           | RGB                   | 10 mm          | IP 20 N  |
| 02440412           | SPI 2           | 323 lm/m          | 26,91 lm/W           | RGB                   | 12 mm          | IP 67 E  |

## Características eléctricas / Electrical data

|                                |          |
|--------------------------------|----------|
| Tensión / Voltage              | 24 VDC   |
| Potencia / Power               | 12 W/m   |
| Intensidad / Current           | 500 mA/m |
| Intensidad max. / Max. Current | 5 A      |

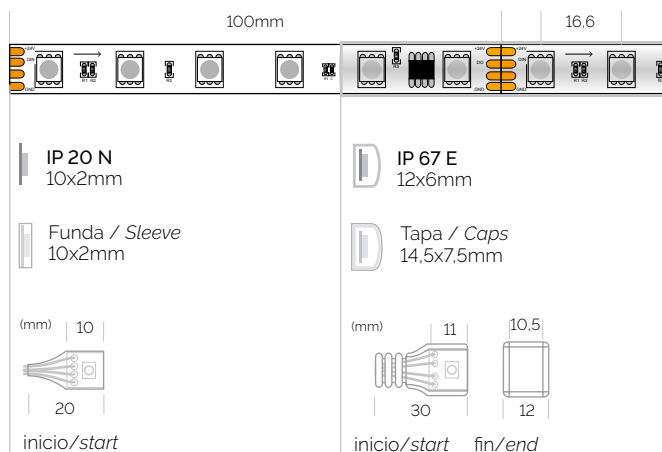
## Características ópticas / Photometric data

|                              |      |
|------------------------------|------|
| Ángulo / Angle               | 120° |
| Grupo de riesgo / Risk group | GR0  |

## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Tipo LED / LED Type            | SMD5050        |
| Control                        | SPI            |
| Tipo IC / IC Type              | WS2811         |
| Densidad / Density             | 60 Led/m       |
| Densidad Px / Px Density       | 10 RGB px/m    |
| Resolución / Resolution        | 6:1            |
| Corte mínimo / Cutting unit    | 100 mm         |
| T. almacenamiento / Storage T. | -25°C + 80°C   |
| T. ambiente / Ambient T.       | -20°C + 45°C   |
| Tc                             | 65°C           |
| Paso LED / LED Pitch           | 16,6 mm        |
| Longitud máx. / Max. length    | 10 m           |
| Adhesivo / Adhesive            | 3M 300LSE      |
| Vida útil / Lifetime           | 50Kh (L70B50)  |
| Garantía / Warranty            | 3 años / years |

## Detalle constructivo Design detail











| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish |
|--------------------|-----------------|-------------------|----------------------|-----------------------|----------------|-------------------|
| 02440653           | SPI 9           | 730 lm/m          | 38,42 lm/W           | RGBW                  | 10 mm          | IP 20 N           |

| Características eléctricas / Electrical data |          |
|----------------------------------------------|----------|
| Tensión / Voltage                            | 24 VDC   |
| Potencia / Power                             | 19 W/m   |
| Intensidad / Current                         | 790 mA/m |
| Intensidad max. / Max. Current               | 5 A      |

| Características ópticas / Photometric data |      |
|--------------------------------------------|------|
| Ángulo / Angle                             | 120° |
| Grupo de riesgo / Risk group               | GRO  |

| Características técnicas / Technical data |                |
|-------------------------------------------|----------------|
| Tipo LED / LED Type                       | SMD5050        |
| Control                                   | SPI            |
| Tipo IC / IC Type                         | UCS2904B       |
| Densidad / Density                        | 60 Led/m       |
| Densidad Px / Px Density                  | 10 RGBW px/m   |
| Resolución / Resolution                   | 6:1            |
| Corte mínimo / Cutting unit               | 100 mm         |
| T. almacenamiento / Storage T.            | -25°C + 80°C   |
| T. ambiente / Ambient T.                  | -20°C + 45°C   |
| Tc                                        | 65°C           |
| Paso LED / LED Pitch                      | 16,6 mm        |
| Longitud máx. / Max. length               | 7,5 m          |
| Adhesivo / Adhesive                       | 3M 300LSE      |
| Vida útil / Lifetime                      | 50Kh (L70B50)  |
| Garantía / Warranty                       | 3 años / years |

Detalle constructivo  
Design detail

100mm

16,6

- Tira Strip
- Acc.
- Silic.
- SWL
- Circ.
- Perf. Prof.
- Lite
- Pro
- Work
- Curve
- Julia
- Track
- Arqu. Arch.
- Prod.
- Deco.
- Mod.
- Cont.
- Fuen. PSU



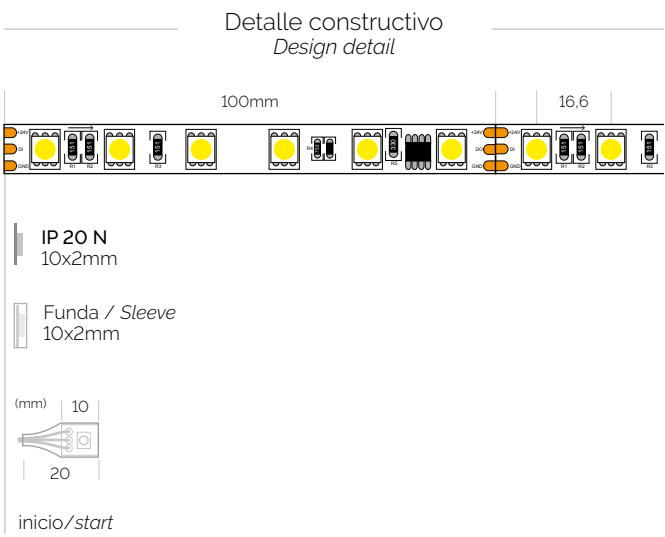


| Referencia<br>Code | Modelo<br>Model | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. | Ancho<br>Width | Acabado<br>Finish                                                                           |
|--------------------|-----------------|-------------------|----------------------|-----------------------|----------------|---------------------------------------------------------------------------------------------|
| 02440650           | SPI 6           | 850lm/m           | 70,83 lm/W           | 6000 K                | 10 mm          | IP 20 N  |
| 02440651           | SPI 7           | 900 lm/m          | 75 lm/W              | 4000 K                | 10 mm          | IP 20 N  |
| 02440652           | SPI 8           | 800 lm/m          | 66,66 lm/W           | 3000 K                | 10 mm          | IP 20 N  |

| Características eléctricas / Electrical data |          |
|----------------------------------------------|----------|
| Tensión / Voltage                            | 24 VDC   |
| Potencia / Power                             | 12 W/m   |
| Intensidad / Current                         | 500 mA/m |
| Intensidad max. / Max. Current               | 5 A      |

| Características ópticas / Photometric data |      |
|--------------------------------------------|------|
| Ángulo / Angle                             | 120° |
| Grupo de riesgo / Risk group               | GRO  |

| Características técnicas / Technical data |                |
|-------------------------------------------|----------------|
| Tipo LED / LED Type                       | SMD5050        |
| Control                                   | SPI            |
| Tipo IC / IC Type                         | WS2811         |
| Densidad / Density                        | 60 Led/m       |
| Densidad Px / Px Density                  | 10 px/m        |
| Resolución / Resolution                   | 6:1            |
| Corte mínimo / Cutting unit               | 100 mm         |
| T. almacenamiento / Storage T.            | -25°C + 80°C   |
| T. ambiente / Ambient T.                  | -20°C + 45°C   |
| Tc                                        | 65°C           |
| Paso LED / LED Pitch                      | 16,6 mm        |
| Longitud máx. / Max. length               | 10 m           |
| Adhesivo / Adhesive                       | 3M 300LSE      |
| Vida útil / Lifetime                      | 50Kh (L70B50)  |
| Garantía / Warranty                       | 3 años / years |





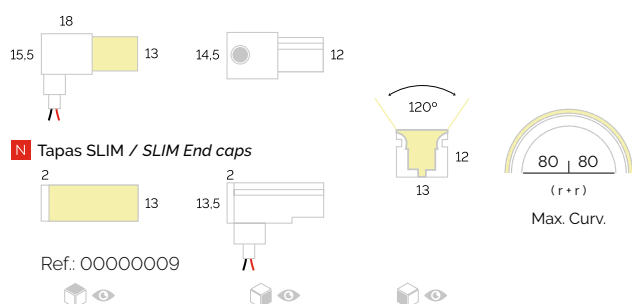
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power | Lúmenes<br>Lumens | Corte<br>Cut | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|--------------|-----------------------|
| 12111002           | NMT1312 RGBx    | 18<br>W/m         | 350<br>lm/m       | 83,3<br>mm   | RGB                   |

**Características eléctricas / Electrical data**

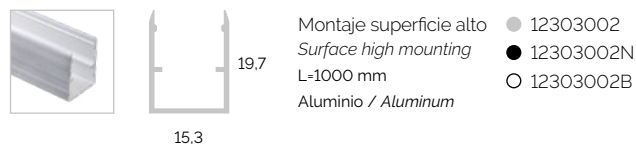
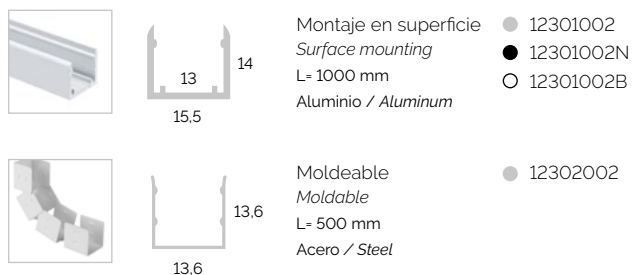
|                   |        |
|-------------------|--------|
| Tensión / Voltage | 24 VDC |
| Potencia / Power  | 18 W/m |

**Características ópticas / Photometric data**

|                              |      |
|------------------------------|------|
| Ángulo / Angle               | 120° |
| Grupo de riesgo / Risk group | GRO  |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                |                     |
|--------------------------------|---------------------|
| Material                       | Silicona / Silicone |
| Protección / Protection        | IP67 - IK08         |
| Control                        | SPI                 |
| Tipo IC / IC Type              | UCS2904B            |
| Densidad Px / Px Density       | 12 RGB px/m         |
| T. almacenamiento / Storage T. | 0°C +60°C           |
| T. ambiente / Ambient T.       | -20°C +55°C         |
| Tc                             | 65°C                |
| Longitud máx. / Max. length    | 5 m                 |
| Vida útil / Lifetime           | 50Kh (L70B50)       |
| Garantía / Warranty            | 3 años/years        |

**Perfiles  
Profiles**

Longitud perfil = Longitud total - Tapas  
Profile length = Total length - End caps

**Sujecciones  
Mounting clips**

Aluminio  
Aluminium

12201002



Con pasacable / With hole  
Sin pasacable / Without hole

12401002  
12402002

**Tapas  
End caps**Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

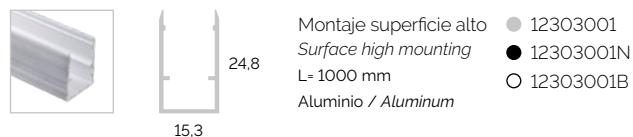
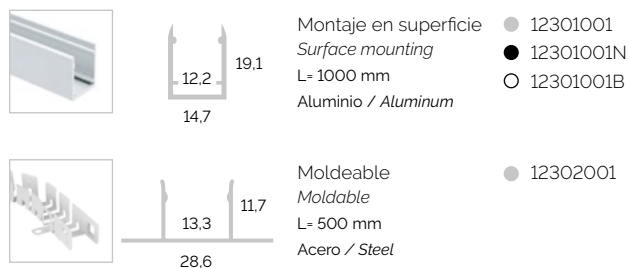
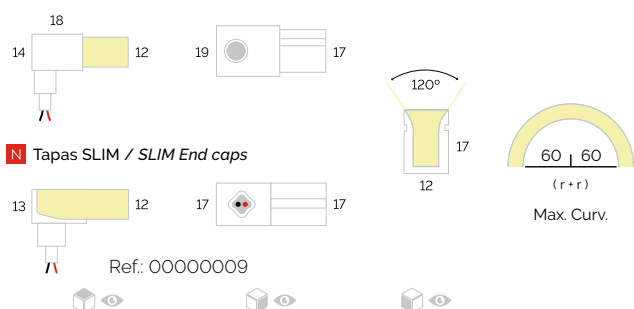
Mod.

Cont.

Fuen.  
PSU



|                                       |                            |
|---------------------------------------|----------------------------|
| Material                              | Silicona / <i>Silicone</i> |
| Protección / <i>Protection</i>        | IP67 - IK08                |
| Control                               | SPI                        |
| Tipo IC / <i>IC Type</i>              | UCS1903N                   |
| Densidad Px / <i>Px Density</i>       | 12 RGB px/m                |
| T. almacenamiento / <i>Storage T.</i> | 0°C +60°C                  |
| T. ambiente / <i>Ambient T.</i>       | -20°C +55°C                |
| Tc                                    | 65°C                       |
| Longitud máx. / <i>Max. length</i>    | 5 m                        |
| Vida útil / <i>Lifetime</i>           | 50Kh (L70B50)              |
| Garantía / <i>Warranty</i>            | 3 años/ <i>years</i>       |



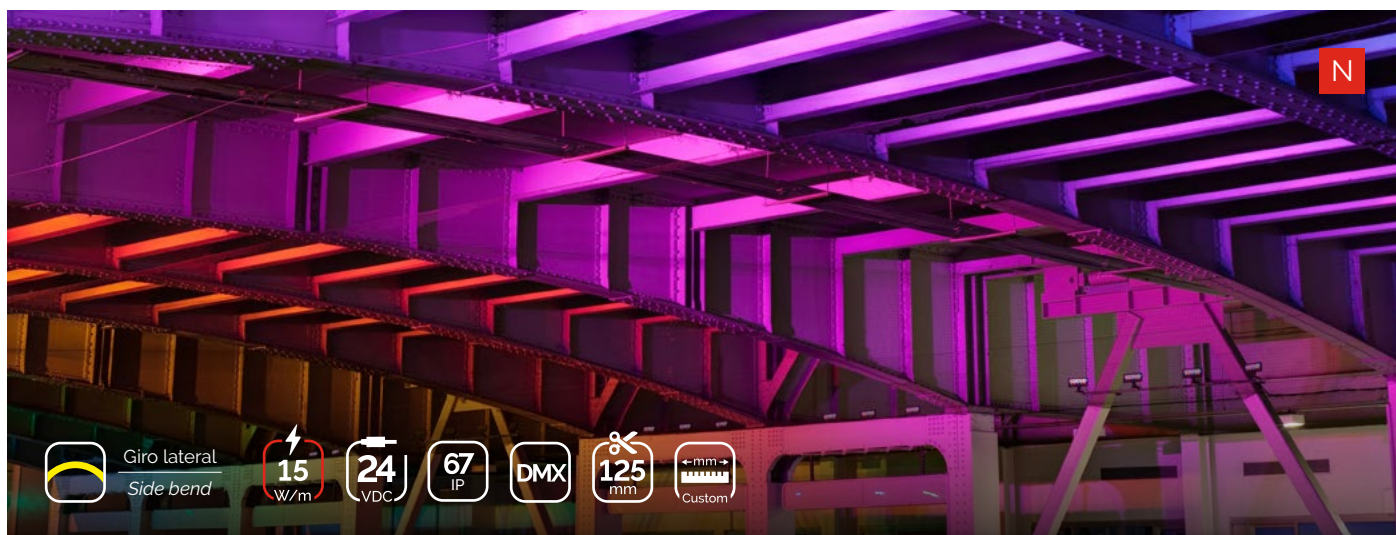
Longitud profil = Longitud total - Tapas  
*Profile length = Total length - End caps*



12201001

Con pasacable / *With hole*  
Sin pasacable / *Without hole*

12401001  
12402001



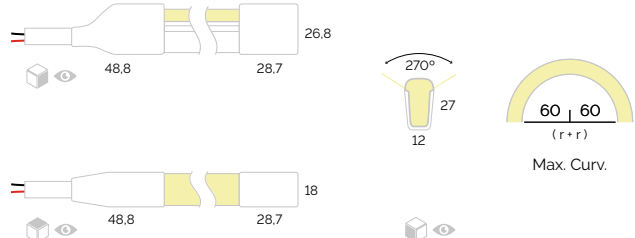
| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power<br>W/m | Lúmenes<br>Lumens<br>lm/m | Corte<br>Cut<br>mm | Tª Color<br>Colour T. |
|--------------------|-----------------|--------------------------|---------------------------|--------------------|-----------------------|
| 12114008           | NNS1224 RGBWx   | 15                       | 300                       | 125                | RGBW                  |

**Características eléctricas / Electrical data**

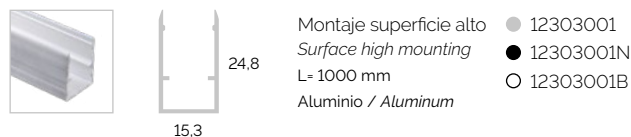
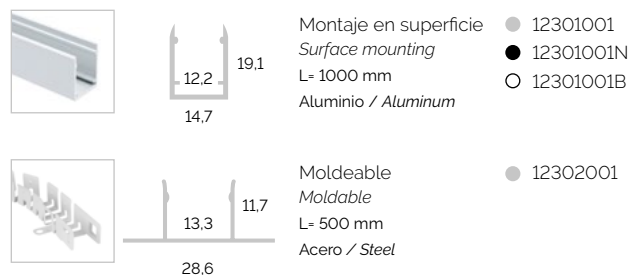
|                   |        |
|-------------------|--------|
| Tensión / Voltage | 24 VDC |
| Potencia / Power  | 15 W/m |

**Características ópticas / Photometric data**

|                              |      |
|------------------------------|------|
| Ángulo / Angle               | 270° |
| Grupo de riesgo / Risk group | GRO  |

**Detalle constructivo  
Design detail****Características técnicas / Technical data**

|                                |                     |
|--------------------------------|---------------------|
| Material                       | Silicona / Silicone |
| Protección / Protection        | IP67 - IK08         |
| Control                        | DMX                 |
| Tipo IC / IC Type              | UCS512B4L           |
| Densidad Px / Px Density       | 8 RGBW px/m         |
| T. almacenamiento / Storage T. | 0°C +60°C           |
| T. ambiente / Ambient T.       | -20°C +55°C         |
| Tc                             | 65°C                |
| Longitud máx. / Max. length    | 5 m                 |
| Vida útil / Lifetime           | 50Kh (L70B50)       |
| Garantía / Warranty            | 3 años/years        |

**Perfiles  
Profiles**

**Longitud perfil** = Longitud total - Tapas  
**Profile length** = Total length - End caps

**Sujecciones  
Mounting clips**

12201001



# PER FILES

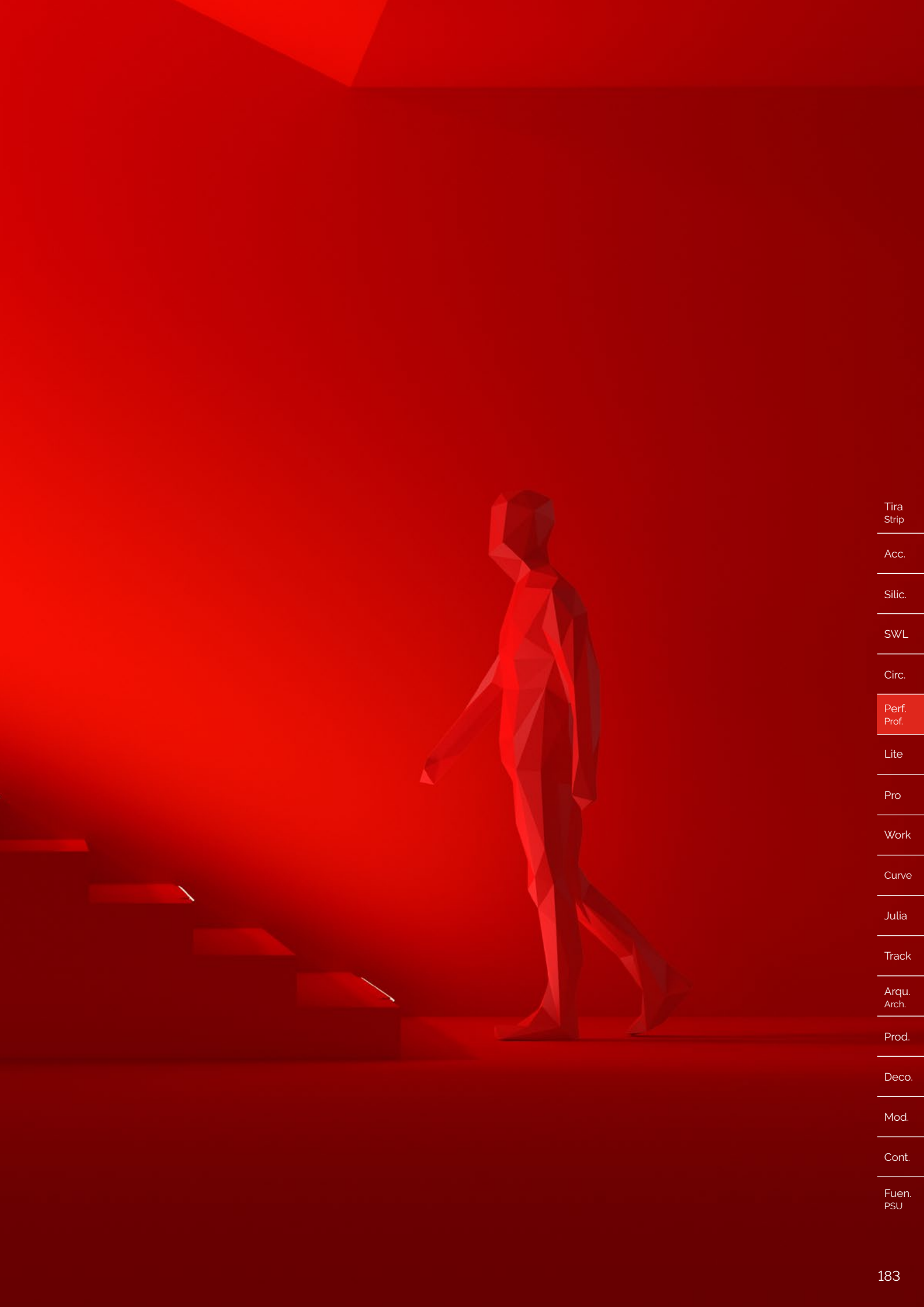
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## PROFILES

---

Diseñados especialmente para uso decorativo e instalación en mobiliario y destinados a iluminar espacios concretos, como librerías, armarios y vitrinas o dotar de personalidad a espacios diáfanos como zonas comunes. Protegen, disipan y prolongan la vida útil de las tiras.

*Epecially designed for decorative use and installation on furniture, and intended for illuminating specific spaces such as book shops, cabinets and display cases or adding personality to openplan spaces such as communal areas. They protect, dissipate and extend the service life of strips.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

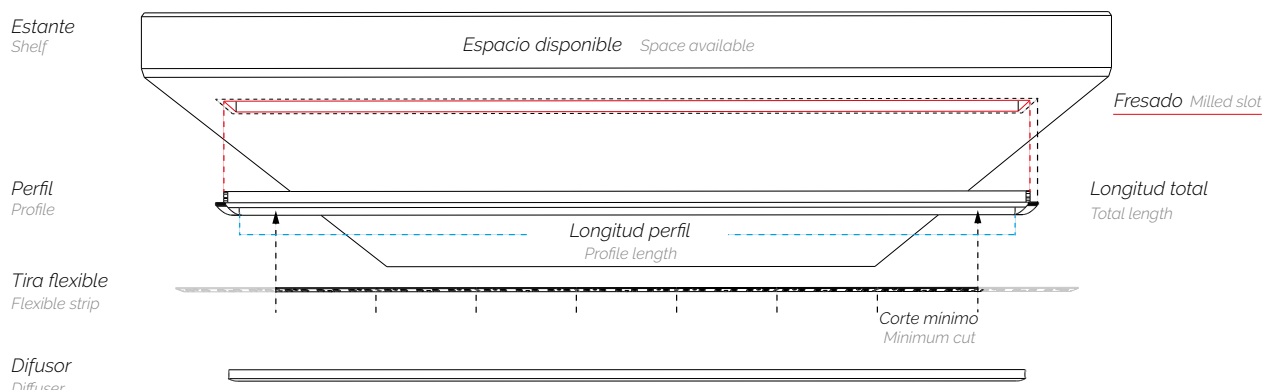
Fuen.  
PSU

# Aspectos importantes de la fabricación a medida

## Important aspects of custom manufacturing

### Espacio y relación tira-perfil

### Space and strip-profile ratio



Si el espacio disponible permite cierto margen para ajustar medidas, la longitud total queda condicionada por la tira y podemos adaptar el largo del perfil al corte mínimo más próximo a nuestra medida ideal, teniendo en cuenta una serie de tolerancias derivadas de la salida del cable y las tapas.

If the available space allows some margin for adjusting dimensions, the total length is conditioned by the strip and the length of the profile can be adjusted to the minimum cut closest to our ideal size, taking into account a series of tolerances derived from the cable exit and the covers.

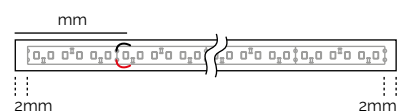
Si la longitud total debe ajustarse al espacio disponible, adaptaremos la tira a la longitud del perfil, condicionada por su corte mínimo y las tolerancias derivadas de la salida del cable y las tapas.

If the total length has to be adjusted to the space available, the strip should be adjusted to the length of the profile, conditioned by its minimum cut and the tolerances derived from the cable exit and the end caps.

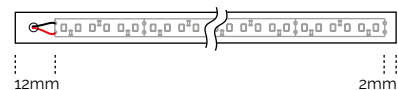
### TOLERANCIAS DEL CABLEADO / WIRING TOLERANCES

#### Tipo de salida / Type of exit

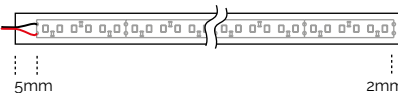
A Trasera por zona central  
Back, central



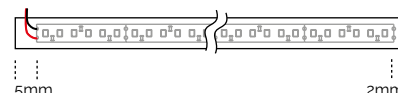
B Trasera por un extremo  
Back, at one end



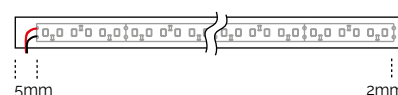
C Longitudinal  
Longitudinal



D Lateral izquierda  
Left-hand side



E Lateral derecha  
Right-hand side



#### Tener en cuenta / Consider

Indicar la distancia para la salida del cable.  
Solo si existe ancho suficiente para tira + cables.  
Indicate the distance for the cable exit.  
Only if there is enough width for strip + cables.

Es óptimo si no existe ancho suficiente para tira + cables.  
Optimum if there is not enough width for strip + cables.

Es necesario utilizar tapa con pasacable.  
Dejar tolerancia exterior para la salida del cable.  
End cap with grommet required.  
Leave external tolerance for the cable exit.

Indicar la distancia para la salida del cable.  
Indicate the distance for the cable exit.

Indicar la distancia para la salida del cable.  
Indicate the distance for the cable exit.

En caso de doble salida de cable, tener en cuenta las tolerancias en ambos extremos.

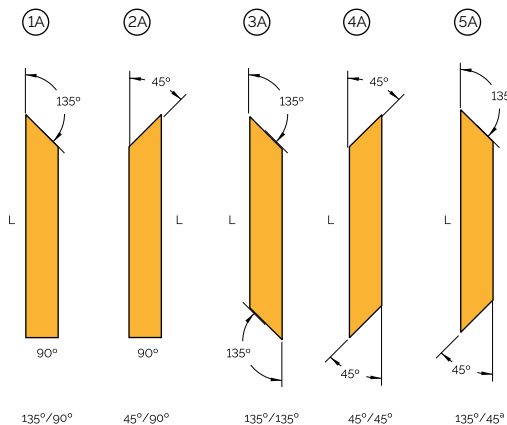
Las tiras con protección IP aumentan su tamaño debido al uso de tapas finales. Consultar medidas tapa en la página de cada producto.

In the case of a double cable exit, take into account the tolerances at both ends.

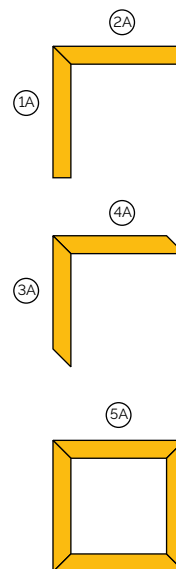
Strips with IP protection are larger due to the use of end caps. See cover dimensions on each product page.

# Cortes en Inglete / Mitre cuts

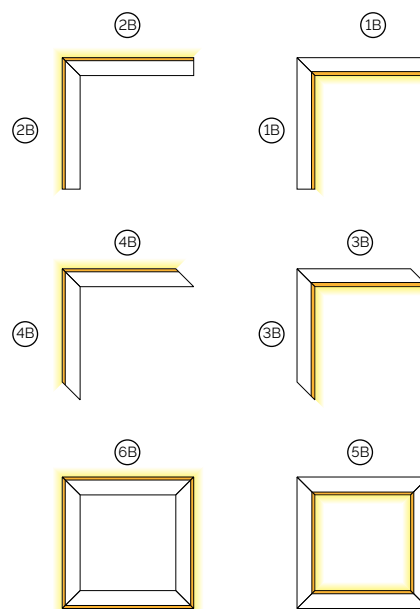
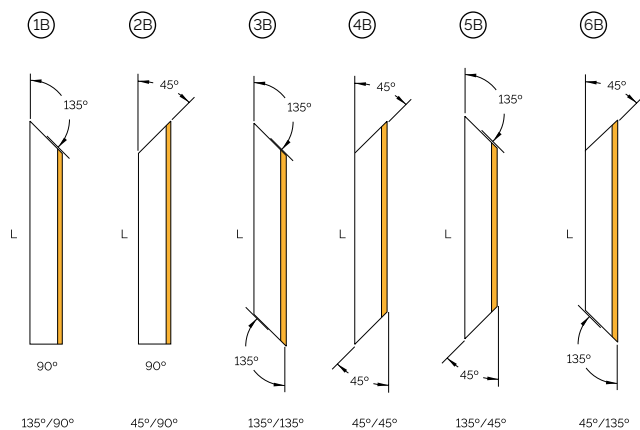
## A - CORTES PARA MISMO PLANO *Cuts for the same plane*



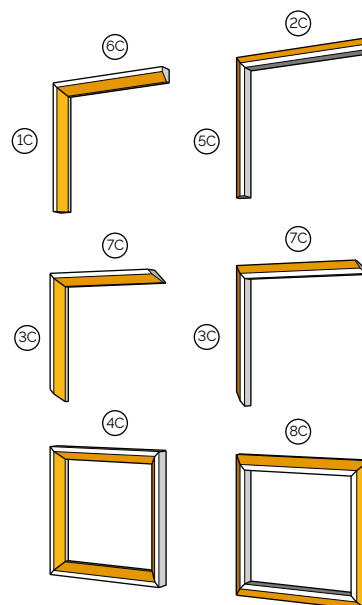
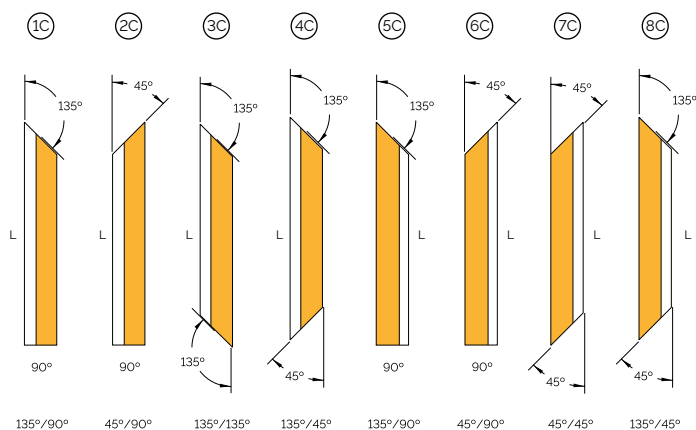
## Composiciones *Compositions*



## B - CORTES PARA CAMBIO DE PLANO *Cuts for a change of plane*



## C - CORTES PARA PEFILES DE ESQUINA *Cuts for corner profiles*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

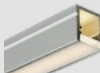
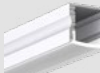
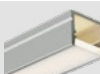
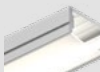
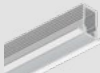
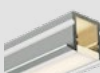
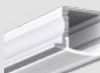
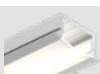
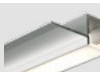
Deco.

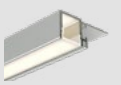
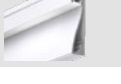
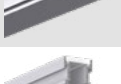
Mod.

Cont.

Fuen.  
PSU



| Modelo<br>Model                                                                                          | Pág.<br>Page | Detalle<br>Detail                                                                   | Tamaño<br>Size |  Largo<br>Length | Instal.<br>Install.                                                                   |  Lacado stock<br>Lacquered stock | Acabado<br>Finish |
|----------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|
| TSL S9<br>08460009                                                                                       | 190          |    | 7,8 x 9 mm     | 2 m                                                                                               |    | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL S7<br>08460054     | 192          |    | 10 x 10 mm     | 2 m                                                                                               |    | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL S14<br>08460055    | 193          |    | 14,5 x 15,7 mm | 2 m                                                                                               |    | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL S8<br>08460002                                                                                       | 196          |    | 17,1 x 8 mm    | 2/3 m                                                                                             |    | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL S15<br>08460004                                                                                      | 198          |    | 17,1 x 15,3 mm | 2/3 m                                                                                             |    | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL S15+<br>08460034   | 200          |    | 17,1 x 17,1 mm | 2 m                                                                                               |    | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL S19<br>08460057    | 202          |    | 19,5 x 15,7 mm | 2 m                                                                                               |    | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL S40<br>08460040                                                                                      | 204          |    | 20,3 x 19,7 mm | 2/3 m                                                                                             |    | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL S13N<br>08460029                                                                                     | 205          |    | 23,5 x 12,8 mm | 2 m                                                                                               |    | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL S10<br>08460010                                                                                      | 206          |  | 10 x 13 mm     | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL P9<br>08460043   | 208          |  | Ø 15,8 mm      | 2m                                                                                                |  | ○                                                                                                                   | 20<br>IP          |
| TSL SF1<br>53460004                                                                                      | 212          |  | 18 x 5,6 mm    | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL E9<br>08460008                                                                                       | 216          |  | 7,8 x 12 mm    | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL D9<br>08460042   | 218          |  | 22,2 x 8,3 mm  | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL E14<br>08460056  | 219          |  | 21,6x 15,2 mm  | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL E8<br>08460001                                                                                       | 222          |  | 17,1 x 8 mm    | 2/3 m                                                                                             |  | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL E15<br>08460003                                                                                      | 223          |  | 17,1 x 15,3 mm | 2/3 m                                                                                             |  | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL E12<br>08460012                                                                                      | 225          |  | 23,5 x 13,4 mm | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL E13N<br>08460030                                                                                     | 226          |  | 23,5 x 11,3 mm | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
| TSL T68R<br>08460068                                                                                     | 228          |  | 53 x 14 mm     | 2m                                                                                                |  | ● ○ ○                                                                                                               | 20<br>IP          |
|  TSL T68S<br>08460071 | 230          |  | 36,1 x 14 mm   | 2m                                                                                                |  | ○                                                                                                                   | 20<br>IP          |

| Modelo<br>Model                                                                                         | Pág.<br>Page | Detalle<br>Detail                                                                   | Tamaño<br>Size  |  Largo<br>Length | Instal.<br>Install.                                                                   |  Lacado stock<br>Lacquered stock                                                                                                                                                | Acabado<br>Finish                                                                     |
|---------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  TSL T69R<br>08460069  | 231          |    | 46 x 26 mm      | 2 m                                                                                              |    |                                                                                                                                                                                |    |
|  TSL T70R<br>08460070  | 232          |    | 50,6 x 26 mm    | 2 m                                                                                              |    |                                                                                                                                                                                |    |
|  TSL T84<br>08460084   | 233          |    | 42,5 x 16 mm    | 2 m                                                                                              |    |                                                                                                                                                                                |    |
|  TSL T21<br>08460021   | 234          |    | 45,7 x 50,1 mm  | 2 m                                                                                              |    |                                                                                                                                                                                |    |
| TSL C06<br>08460006                                                                                     | 236          |    | 16 x 16 mm      | 2 m                                                                                              |    |                                                                                                                                                                                |    |
|  TSL C9<br>08460041    | 238          |    | 10 x 10 mm      | 2 m                                                                                              |    |          |    |
| TSL C18N<br>08460027                                                                                    | 240          |    | 19 x 19 mm      | 2 m                                                                                              |    |          |    |
| TSL W50<br>08460050                                                                                     | 244          |    | 17,7 x 48,5 mm  | 2 m                                                                                              |    |          |    |
| TSL W62<br>08460062                                                                                     | 245          |   | 17,7 x 43,5 mm  | 2 m                                                                                              |   |          |   |
| TSL D23<br>08460023                                                                                     | 246          |  | 24,75 x 76,6 mm | 2 m                                                                                              |  |    |  |
| TSL D20<br>08460020                                                                                     | 248          |  | 15,2 x 80 mm    | 2 m                                                                                              |  |    |  |
| TSL V22<br>08460022                                                                                     | 250          |  | 48 x 26,7 mm    | 2 m                                                                                              |  |    |  |
| TSL V24<br>08460024                                                                                     | 251          |  | 80 x 50 mm      | 2 m                                                                                              |  |    |  |
| TSL V25<br>08460025                                                                                     | 252          |  | 65 x 27,5 mm    | 2 m                                                                                              |  |                                                                                                                                                                              |  |
| TSL F11<br>08460011                                                                                     | 254          |  | 21,4 x 11 mm    | 2 m                                                                                              |  |    |  |
| TSL F26<br>08460026                                                                                     | 255          |  | 21,3 x 26,1 mm  | 2 m                                                                                              |  |    |  |
|  TSL F37<br>08460037 | 256          |  | 24 x 25,9 mm    | 2 m                                                                                              |  |    |  |
| TSL W1<br>53460006                                                                                      | 258          |  | 19 x 30 mm      | 2 m                                                                                              |  |    |  |
| TSL G36<br>08460017                                                                                     | 260          |  | 11,8 x 11,8 mm  | 2 m                                                                                              |  |    |  |
| TSL PL13<br>TSL PL20                                                                                    | 261          |  | 13 mm<br>20 mm  | 2 m                                                                                              |  |                                                                                                                                                                              |  |
| TSL Z300<br>24166151                                                                                    | 262          |  | 17,9 x 12 mm    | 2 m                                                                                              |  |    |  |

# GUÍA

## Sección Perfiles

### Profiles section guide

El orden ha sido establecido en base a las aplicaciones y tamaños de los productos.

The order in this section has been set based on product applications and sizes.

#### Recomendaciones de uso

Para garantizar la correcta disipación de la tira de led interior.

#### Recommendations for use

To guarantee the correct dissipation of the inside led strip.

Instalación y protección básica  
*Installation and basic protection*

Material

Translucidez  
Porcentaje de luz que atraviesa el difusor.

**Translucency**  
Percentage of light that passes through the diffuser.

**Difusión**  
Capacidad de convertir los puntos de luz en una línea continua.

**Diffusion**  
Ability to convert dots light into a continuous line.

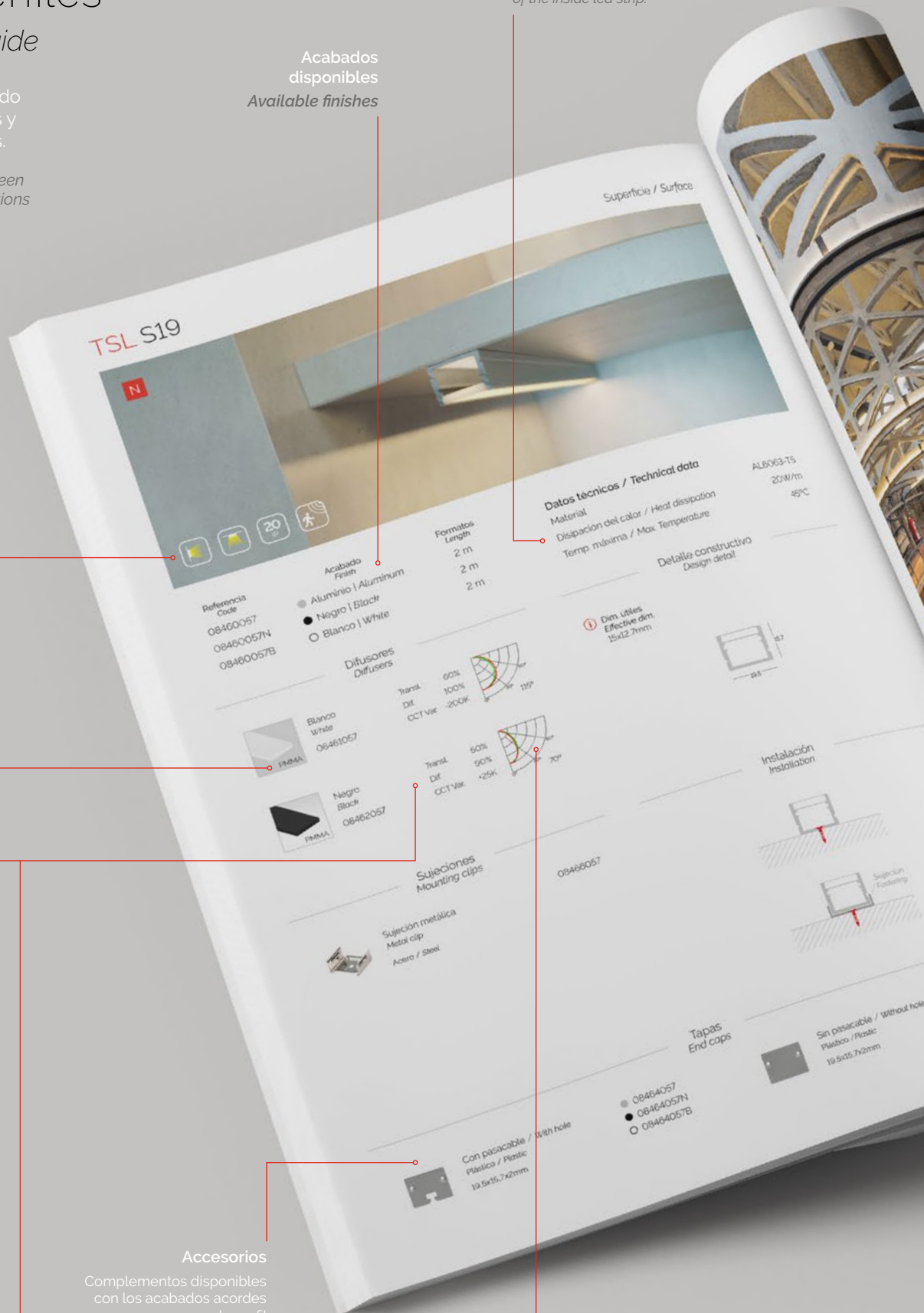
**Variación CCT**  
Variación de la temperatura de color respecto a la tira led sin difusor.

**CCT variation**  
Variation of the colour temperature with respect to the led strip without diffuser.

**Accesorios**  
Complementos disponibles con los acabados acordes para cada perfil

**Accessories**  
Available accessories with the finishes corresponding to each profile

Ángulo y distribución luminica  
*Light angle and distribution*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# SUPERFICIE & COLGANTE

*SURFACE & PENDANT*



Referencia  
CodeAcabado  
FinishFormatos  
Length

## Datos técnicos / Technical data

08460009

● Aluminio | Aluminum

2 m

Material

AL6063-T5

08460009N

● Negro | Black

2 m

Disipación del calor / Heat dissipation

10W/m

08460009B

○ Blanco | White

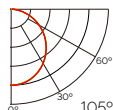
2 m

Temp. máxima / Max. Temperature

45°C

Difusores  
DiffusersDetalle constructivo  
Design detailBlanco  
White

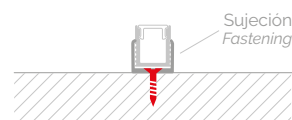
08463009

TransL. 70%  
Dif. 65%  
CCT Var. -100K

**i** Dim. útiles  
Effective dim.  
5.5x5mm

Sujeciones  
Mounting clipsInstalación  
InstallationSujeción metálica  
Metal clip  
Acero / Steel

08467009



Puede instalarse de forma empotrada si el material lo permite.  
It can be installed recessed if the material allows it.

Tapas  
End capsCon pasacable / With hole  
Plástico / Plastic  
7,9x9x1,5mm● 08464009  
● 08464009N  
○ 08464009BSin pasacable / Without hole  
Plástico / Plastic  
7,9x9x1,5mm● 08465009  
● 08465009N  
○ 08465009B



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460054           | ● Aluminio   Aluminum | 2 m                |
| 08460054N          | ● Negro   Black       | 2 m                |
| 08460054B          | ○ Blanco   White      | 2 m                |

**Datos técnicos / Technical data**

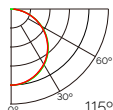
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 10W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

Blanco  
White

08463054

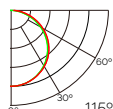
TransL. 70%  
Dif. 80%  
CCT Var. -100K



Blanco  
White

08461054

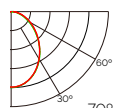
TransL. 60%  
Dif. 90%  
CCT Var. -200K



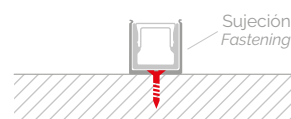
Negro  
Black

08462054

TransL. 50%  
Dif. 90%  
CCT Var. +25K



**i** Dim. útiles  
Effective dim.  
6x8mm

**Detalle constructivo  
Design detail****Instalación  
Installation****Sujeciones  
Mounting clips**

Sujeción metálica  
Metal clip

Acero / Steel

08466054

**Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
8,4x10x2mm

● 08464054  
● 08464054N  
○ 08464054B

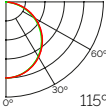


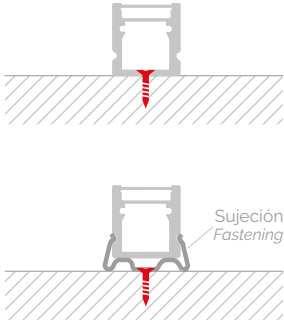
Sin pasacable / Without hole  
Plástico / Plastic  
8,4x10x2mm

● 08465054  
● 08465054N  
○ 08465054B



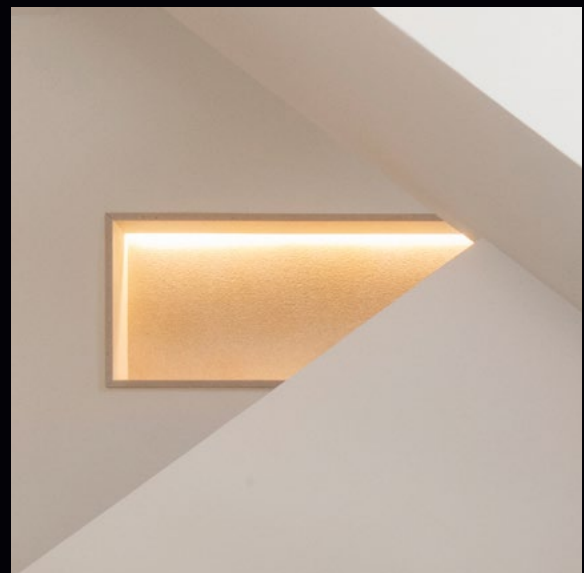
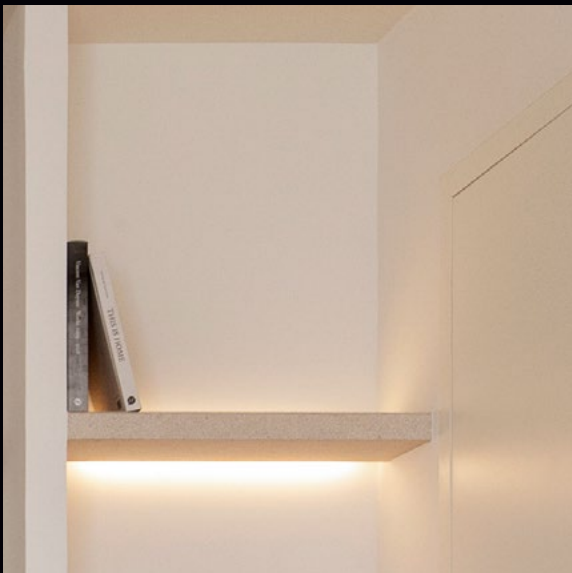
| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460055           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460055N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 15W/m     |
| 08460055B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

| Difusores<br>Diffusers                                                              |                             |                                           | Detalle constructivo<br>Design detail                                               |                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | Blanco<br>White<br>08463055 | TransL. 70%<br>Dif. 80%<br>CCT Var. -100K |  |  |

| Sujeciones<br>Mounting clips                                                        |                                                  | Instalación<br>Installation                                                           |  |
|-------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  | Sujeción metálica<br>Metal clip<br>Acero / Steel |  |  |

| Tapas<br>End caps                                                                   |                                                                  |                                          |                                                                                     |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|
|  | Con pasacable / With hole<br>Plástico / Plastic<br>14,5x15,7x2mm | ● 08464055<br>● 08464055N<br>○ 08464055B |  |
|                                                                                     |                                                                  |                                          | Sin pasacable / Without hole<br>Plástico / Plastic<br>14,5x15,7x2mm                 |



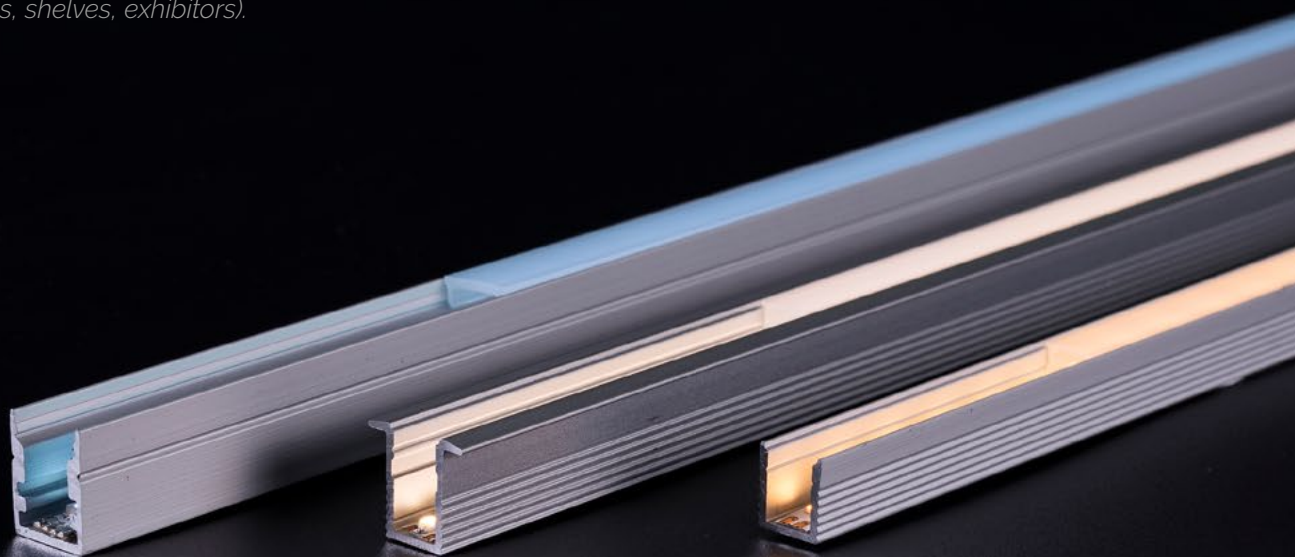


- Superficie luminosa ultra fina.  
*Ultra slim lighting surface.*
- Rendimiento de color profesional, ideal para la iluminación de producto.  
*Professional color performance, ideal for product lighting.*
- Tamaño perfecto para iluminación integrada en mobiliario. (armarios, estanterías, expositores).  
*Perfect size for lighting integrated in furniture. (cabinets, shelves, exhibitors).*

TIRAS FLEXIBLES &amp; PERFILES

# ULTRA SLIM

≥90  
CRI



- Perfiles compatibles:  
*Suitable profiles:*

Superficie  
& colgante  
*Surface &  
pendant*



S9



S7



S10



P9

Empotrables  
*Recessed*



E9



D9

Esquina  
*Corner*



C9



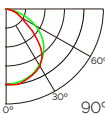
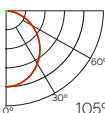
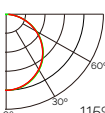
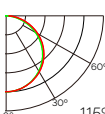
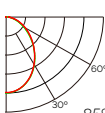
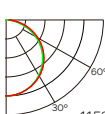


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460002           | ● Aluminio   Aluminum | 2/3 m              |
| 08460002N          | ● Negro   Black       | 2/3 m              |
| 08460002B          | ○ Blanco   White      | 2/3 m              |

**Datos técnicos / Technical data**

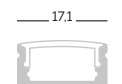
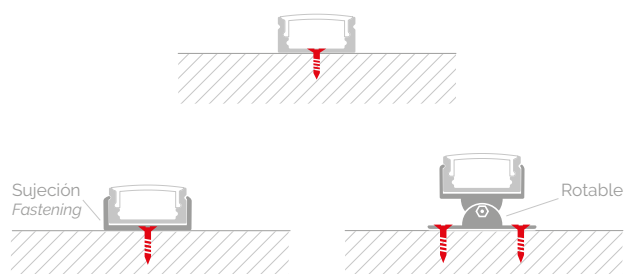
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

|                                                                                     |                                   |          |       |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------|----------|-------|-------------------------------------------------------------------------------------|
|  | Transparente<br>Clear             | TransL.  | 90%   |  |
|                                                                                     | 08461001                          | Dif.     | 0%    |                                                                                     |
|                                                                                     |                                   | CCT Var. | -5K   |                                                                                     |
|  | Semitransparente<br>Semiclear     | TransL.  | 75%   |  |
|                                                                                     | 08462001                          | Dif.     | 75%   |                                                                                     |
|                                                                                     |                                   | CCT Var. | -75K  |                                                                                     |
|  | Blanco<br>White                   | TransL.  | 70%   |  |
|                                                                                     | 08463001                          | Dif.     | 80%   |                                                                                     |
|                                                                                     |                                   | CCT Var. | -100K |                                                                                     |
|  | Blanco<br>White                   | TransL.  | 60%   |  |
|                                                                                     | 08463002                          | Dif.     | 90%   |                                                                                     |
|                                                                                     |                                   | CCT Var. | -200K |                                                                                     |
|  | Negro&Blanco<br>Black&White       | TransL.  | 50%   |  |
|                                                                                     | 08469002                          | Dif.     | 75%   |                                                                                     |
|                                                                                     |                                   | CCT Var. | +25K  |                                                                                     |
|  | Blanco mate 50m<br>White mate 50m | TransL.  | 65%   |  |
|                                                                                     | 08463004R50                       | Dif.     | 85%   |                                                                                     |
|                                                                                     |                                   | CCT Var. | -150K |                                                                                     |

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x6,5mm

**Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
17,1x8x1,50mm

● 08464002  
● 08464002N  
○ 08464002B



Sin pasacable / Without hole  
Plástico / Plastic  
17,1x8x1,50mm

● 08465002  
● 08465002N  
○ 08465002B

Sujeciones  
Mounting clips



Sujeción plástica  
Plastic clip  
PC

08466001



Sujeción metálica  
Metal clip  
Acero / Steel

08466009



Sujeción rotable  
Rotable clip  
Acero / Steel

08466008

Conexiones  
Connectors



Conector 180°  
180° connection  
20x30x11,4mm

- 08468002
- 08468002N
- 08468002B



Conector 90°  
90° connection  
42x42x11,4mm

- 08467002
- 08467002N
- 0846700B

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



LSI TECSOLE





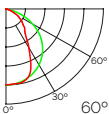
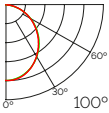
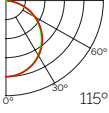
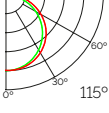
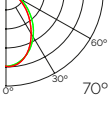
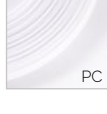
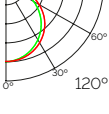


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460004           | ● Aluminio   Aluminum | 2/3 m              |
| 08460004N          | ● Negro   Black       | 2/3 m              |
| 08460004B          | ○ Blanco   White      | 2/3 m              |

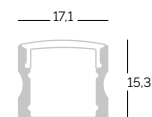
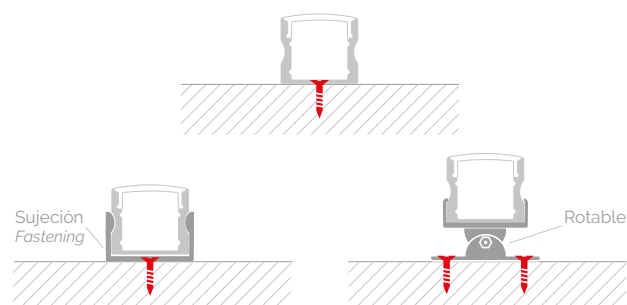
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

|                                                                                     |                                   |             |           |                |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------|-------------|-----------|----------------|-------------------------------------------------------------------------------------|
|  | Transparente<br>Clear             | TransL. 90% | Dif. 0%   | CCT Var. -5K   |  |
|                                                                                     | 08461001                          |             |           |                |                                                                                     |
|  | Semitransparente<br>Semiclear     | TransL. 75% | Dif. 70%  | CCT Var. -75K  |  |
|                                                                                     | 08462001                          |             |           |                |                                                                                     |
|  | Blanco<br>White                   | TransL. 70% | Dif. 90%  | CCT Var. -100K |  |
|                                                                                     | 08463001                          |             |           |                |                                                                                     |
|  | Blanco<br>White                   | TransL. 60% | Dif. 100% | CCT Var. -200K |  |
|                                                                                     | 08463002                          |             |           |                |                                                                                     |
|  | Negro&Blanco<br>Black&White       | TransL. 50% | Dif. 90%  | CCT Var. +25K  |  |
|                                                                                     | 08469002                          |             |           |                |                                                                                     |
|  | Blanco mate 50m<br>White mate 50m | TransL. 65% | Dif. 100% | CCT Var. -150K |  |
|                                                                                     | 08463004R50                       |             |           |                |                                                                                     |

**i** Dim. útiles  
Effective dim.  
12,2x13,8mm

**Detalle constructivo  
Design detail****Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
17,1x15,3x1,8mm

● 08464004  
● 08464004N  
○ 08464004B

Sin pasacable / Without hole  
Plástico / Plastic  
17,1x15,3x1,8mm

● 08465004  
● 08465004N  
○ 08465004B

Sujeciones  
Mounting clips



Sujeción plástica  
Plastic clip  
PC

08466001



Sujeción metálica  
Metal clip  
Acero / Steel

08466009



Sujeción rotable  
Rotable clip  
Acero / Steel

08466008

Conexiones  
Connectors



Conector 180°  
180° connection  
20x30x17,9mm

- 08468004
- 08468004N
- 08468004B



Conector 90°  
90° connection  
42x42x17,9mm

- 08467004
- 08467004N
- 08467004B



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

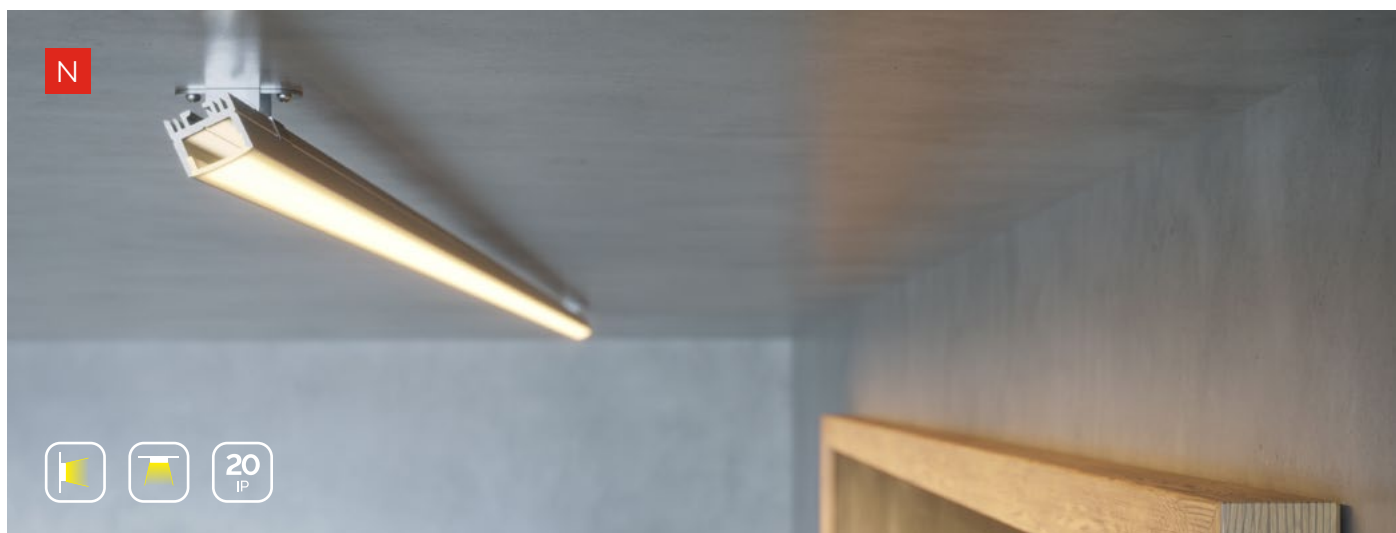
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

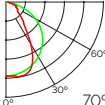
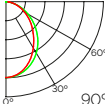
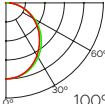
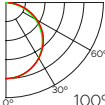
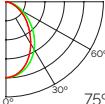
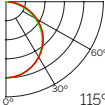


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460034           | ● Aluminio   Aluminum | 2 m                |
| 08460034N          | ● Negro   Black       | 2 m                |
| 08460034B          | ○ Blanco   White      | 2 m                |

**Datos técnicos / Technical data**

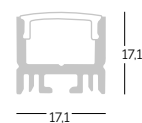
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 22W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

|                                                                                     |                                   |                                            |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|
|  | Transparente<br>Clear             | TransL. 90%<br>Dif. 0%<br>CCT Var. -5K     |  |
| 08461001                                                                            |                                   |                                            |                                                                                     |
|  | Semitransparente<br>Semiclear     | TransL. 75%<br>Dif. 70%<br>CCT Var. -75K   |  |
| 08462001                                                                            |                                   |                                            |                                                                                     |
|  | Blanco<br>White                   | TransL. 70%<br>Dif. 90%<br>CCT Var. -100K  |  |
| 08463001                                                                            |                                   |                                            |                                                                                     |
|  | Blanco<br>White                   | TransL. 60%<br>Dif. 100%<br>CCT Var. -200K |  |
| 08463002                                                                            |                                   |                                            |                                                                                     |
|  | Negro&Blanco<br>Black&White       | TransL. 50%<br>Dif. 90%<br>CCT Var. +25K   |  |
| 08469002                                                                            |                                   |                                            |                                                                                     |
|  | Blanco mate 50m<br>White mate 50m | TransL. 65%<br>Dif. 95%<br>CCT Var. -150K  |  |
| 08463004R50                                                                         |                                   |                                            |                                                                                     |

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
13,2x8,7mm

**Instalación  
Installation****Sujeciones  
Mounting clips**

|                                                                                     |                                                   |          |
|-------------------------------------------------------------------------------------|---------------------------------------------------|----------|
|  | Sujeción metálica<br>Metal clip<br>Acero / Steel  | 08466009 |
|  | Sujeción rotable<br>Rotable clip<br>Acero / Steel | 08466008 |

**Tapas  
End caps**

|                                                                                     |                                                                |                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------|
|  | Con pasacable / With hole<br>Plástico / Plastic<br>17,1x15x2mm | ● 08464034<br>● 08464034N<br>○ 08464034B |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------|

|                                                                                     |                                                                   |                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------|
|  | Sin pasacable / Without hole<br>Plástico / Plastic<br>17,1x15x2mm | ● 08465034<br>● 08465034N<br>○ 08465034B |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------|



# Difusor Black&White

discreto apagado, luminoso encendido  
discreet off, *bright on.*

- Perfiles compatibles:

*Suitable profiles:*

- Superficie / *Surface* : S8, S15, S15+
- Empotrable / *Recessed* : E8, E15
- Esquina / *Corner* : C18N
- Pared / *Wall* : W50, W62
- Zócalo / *Skirting* : D23
- Escalón / *Step* : V22, V24, V25

- Luminarias compatibles:

*Suitable luminaires:*

- Lite: P52, P52R, E52, E52R, T52
- Pro: LS5470
- Julia I & II





Referencia  
CodeAcabado  
FinishFormatos  
Length

## Datos técnicos / Technical data

08460057

● Aluminio | Aluminum

2 m

Material

AL6063-T5

08460057N

● Negro | Black

2 m

Disipación del calor / Heat dissipation

20W/m

08460057B

○ Blanco | White

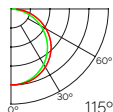
2 m

Temp. máxima / Max. Temperature

45°C

Difusores  
DiffusersDetalle constructivo  
Design detailBlanco  
White

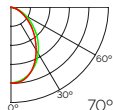
08461057

TransL. 60%  
Dif. 100%  
CCT Var. -200K

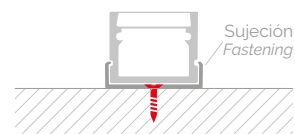
ⓘ Dim. útiles  
Effective dim.  
15x12.7mm

Negro  
Black

08462057

TransL. 50%  
Dif. 90%  
CCT Var. +25KSujeciones  
Mounting clipsInstalación  
InstallationSujeción metálica  
Metal clip  
Acero / Steel

08466057

Tapas  
End capsCon pasacable / With hole  
Plástico / Plastic  
19,5x15,7x2mm● 08464057  
● 08464057N  
○ 08464057BSin pasacable / Without hole  
Plástico / Plastic  
19,5x15,7x2mm● 08465057  
● 08465057N  
○ 08465057B





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SUPERFICIE & COLGANTE / SURFACE & PENDANT

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

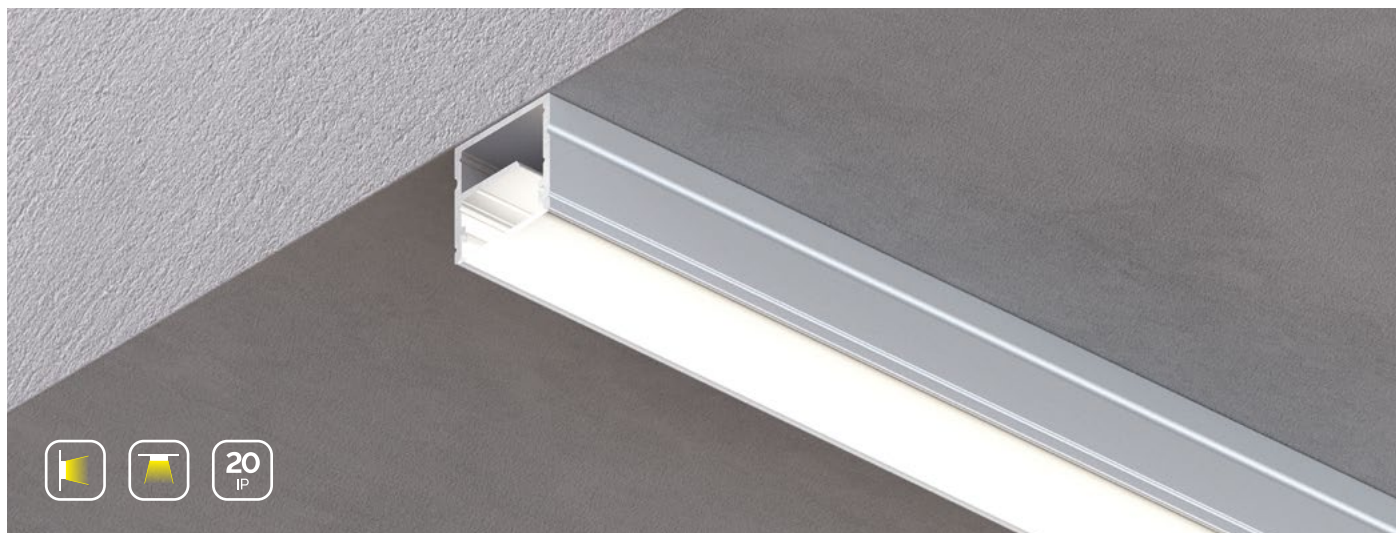
Mod.

Cont.

Fuen.  
PSU







| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460040           | ● Aluminio   Aluminum | 2/3 m              |
| 08460040N          | ● Negro   Black       | 2/3 m              |
| 08460040B          | ○ Blanco   White      | 2/3 m              |

**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

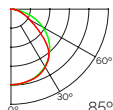
**Difusores  
Diffusers**

Transparente  
Clear

08461040

TransL.  
Dif.  
CCT Var.

90%  
0%  
-5K

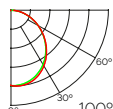


Semitransparente  
Semiclear

08462040

TransL.  
Dif.  
CCT Var.

75%  
65%  
-75K

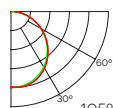


Blanco  
White

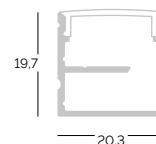
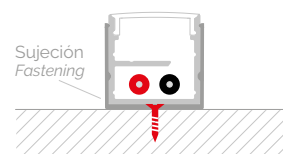
08463040

TransL.  
Dif.  
CCT Var.

70%  
70%  
-100K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
10x6mm

**Instalación  
Installation****Sujeciones  
Mounting clips**

Sujeción metálica  
Metal clip

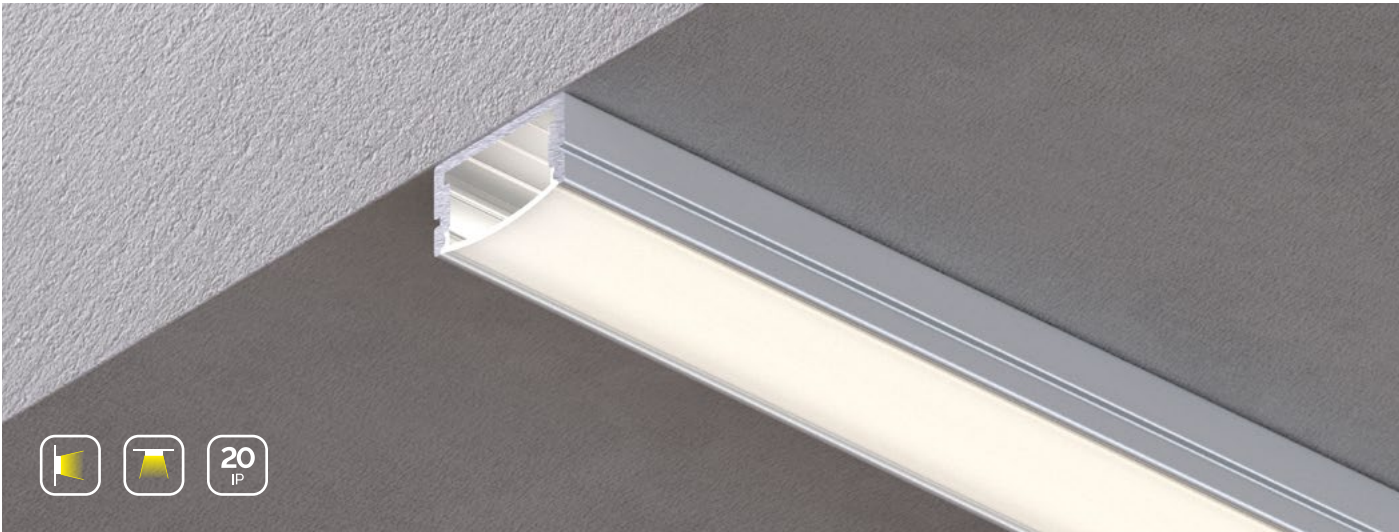
Acero / Steel

08466040

**Tapas  
End caps**

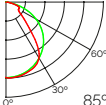
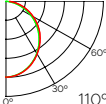
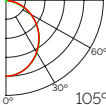
Sin pasacable / Without hole  
Zinc / Zinc  
20,3x19,7x1,5mm

● 08465040  
● 08465040N  
○ 08465040B



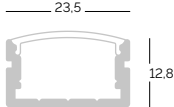
| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460029           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460029N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 14W/m     |
| 08460029B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

Difusores  
Diffusers

|                                                                                     |                                           |                             |                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------|---------------------|-------------------------------------------------------------------------------------|
|  | Transparente<br>Clear<br>08461013         | TransL.<br>Dif.<br>CCT Var. | 90%<br>0%<br>-5K    |  |
|  | Semitransparente<br>Semiclear<br>08462013 | TransL.<br>Dif.<br>CCT Var. | 75%<br>90%<br>-75K  |  |
|  | Blanco<br>White<br>08463013               | TransL.<br>Dif.<br>CCT Var. | 70%<br>90%<br>-100K |  |

Detalle constructivo  
Design detail

**i** Dim. útiles  
Effective dim.  
18x8,5mm



Instalación  
Installation



Sujecciones  
Mounting clips

|                                                                                     |                                          |          |                                                                                     |                                                   |          |
|-------------------------------------------------------------------------------------|------------------------------------------|----------|-------------------------------------------------------------------------------------|---------------------------------------------------|----------|
|  | Sujección plástica<br>Plastic clip<br>PC | 08466014 |  | Sujección metálica<br>Metal clip<br>Acero / Steel | 08467014 |
|-------------------------------------------------------------------------------------|------------------------------------------|----------|-------------------------------------------------------------------------------------|---------------------------------------------------|----------|

Tapas  
End caps

|                                                                                     |                                                                    |                                          |                                                                                     |                                                                       |                                          |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|
|  | Con pasacable / With hole<br>Plástico / Plastic<br>23,5x12,8x1,8mm | ● 08464029<br>● 08464029N<br>○ 08464029B |  | Sin pasacable / Without hole<br>Plástico / Plastic<br>23,5x12,8x1,8mm | ● 08465029<br>● 08465029N<br>○ 08465029B |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------|

SUPERFICIE & COLGANTE / SURFACE & PENDANT

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460010           | ● Aluminio   Aluminum | 2 m                |
| 08460010N          | ● Negro   Black       | 2 m                |
| 08460010B          | ○ Blanco   White      | 2 m                |

## Datos técnicos / Technical data

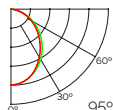
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



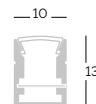
Blanco  
White  
08463010

TransL. 70%  
Dif. 95%  
CCT Var. -100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
8x7,9mm



## Sujecciones Mounting clips



Sujección metálica  
Metal clip  
Acero / Steel

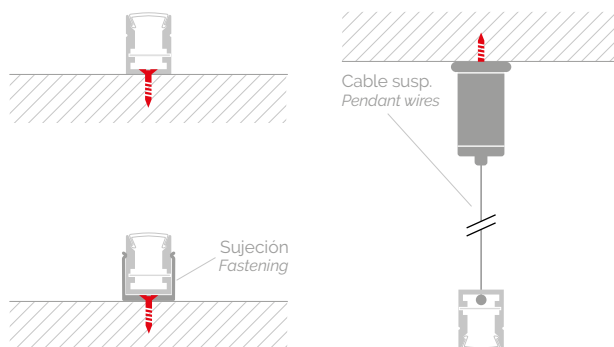
08466010



Cable suspensión  
Pendant cable  
Acero / Steel

2 m ● 08467010  
● 08467010N  
5 m ● 08467010/5M  
● 08467010N/5M

## Instalación Installation



## Tapas End caps



Con pasacable / With hole  
Plástico / Plastic  
10x13x2mm

● 08464010  
● 08464010N  
○ 08464010B



Sin pasacable / Without hole  
Plástico / Plastic  
10x13x2mm

● 08465010  
● 08465010N  
○ 08465010B



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

**LSI** TECSOLEO



| Referencia<br>Code | Acabado<br>Finish | Formatos<br>Length |
|--------------------|-------------------|--------------------|
| 08460043           | ○ Blanco   White  | 2 m                |

## Datos técnicos / Technical data

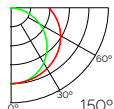
|                                         |       |
|-----------------------------------------|-------|
| Material                                | PC    |
| Disipación del calor / Heat dissipation | 10W/m |
| Temp. máxima / Max. Temperature         | 45°C  |

## Difusores Diffusers



Blanco  
White  
08463043

TransL. 70%  
Dif. 65%  
CCT Var. -80K



## Detalle constructivo Design detail

ⓘ Dim. útiles  
Effective dim.  
6x10mm



## Sujeciones Mounting clips



Sujeción metálica  
Metal clip  
Acero / Steel

08466043



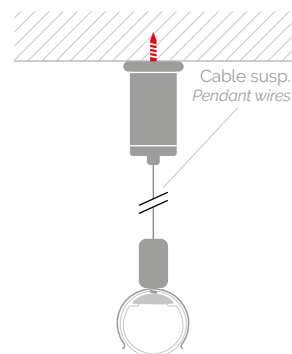
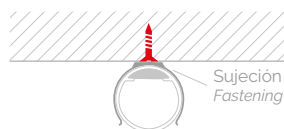
Cable suspensión  
Pendant cable  
Acero / Steel

2 m ● 08467043  
● 08467043N  
5 m ● 08467043/5M  
● 08467043N/5M



Para instalación colgante son necesarias sujeciones + cables.  
For pendant installation, metal clips + cables are required.

## Instalación Installation



## Tapas End caps



Con pasacable / With hole  
Plástico / Plastic  
16Øx1,50mm

○ 08464043



Sin pasacable / Without hole  
Plástico / Plastic  
16Øx1,50mm

○ 08465043

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



iConsulta con nuestro departamento comercial!

Ask our commercial department!



# ¿Quieres lacar tus perfiles?

Do you want to lacquer your profiles?



Disponemos de un stock de perfiles ya lacados en blanco y en negro para agilizar las entregas. iBusca este simbolo!

*We have a selection of profiles already lacquered in black and white in stock, in order to speed up deliveries. Look for this symbol!*



Personalizamos el color de los perfiles con el RAL solicitado. iConsulta con nuestro departamento comercial!

*We customise the colour of your profiles with the requested RAL. Ask our commercial department!*

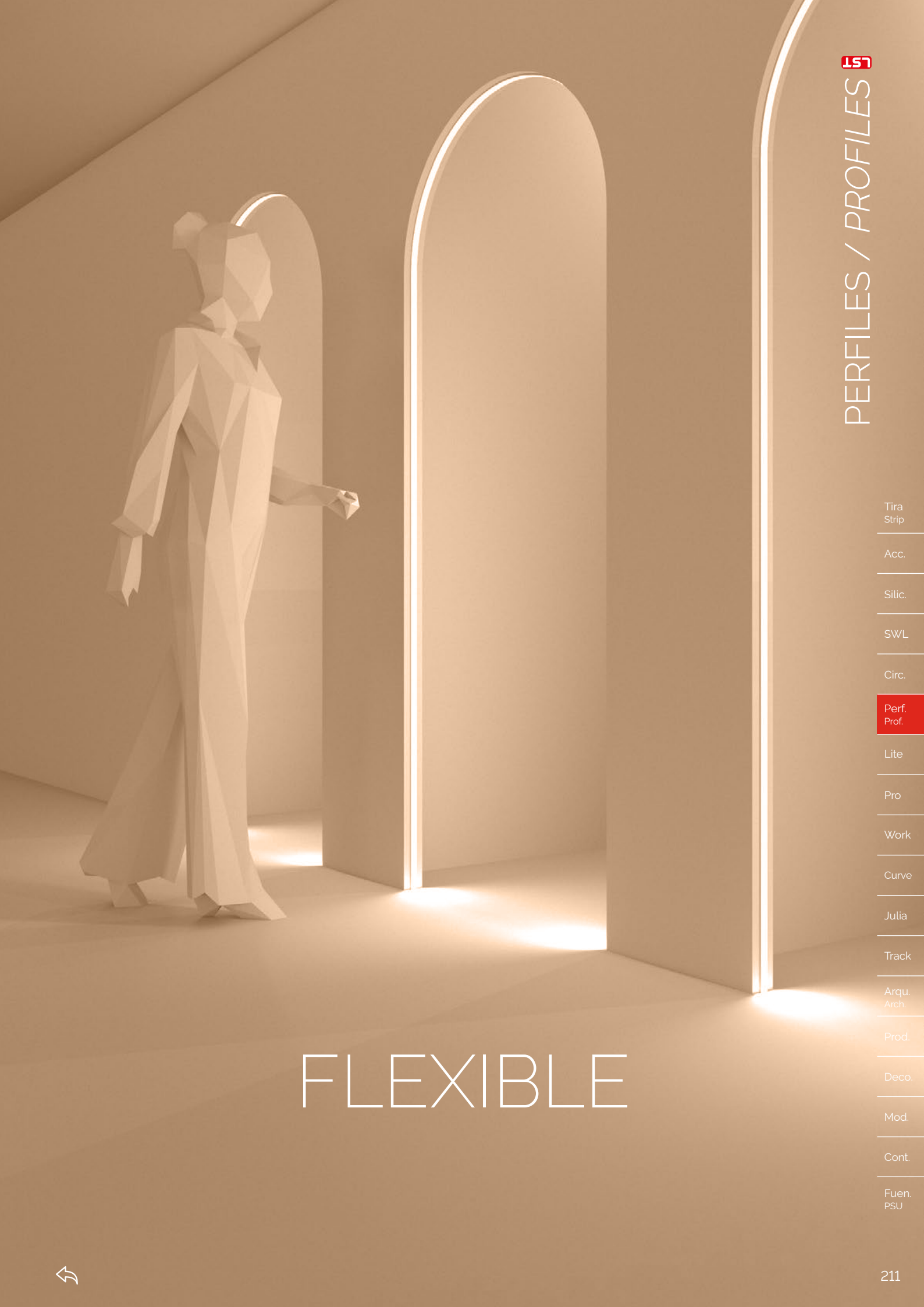


Tenemos un servicio de corte y manipulación profesional para personalizar la longitud del perfil.

*We offer a professional handling and cutting service to customise profile length.*

(Servicio de corte, manipulado y color personalizado también en luminarias)

(Custom colouring, cutting and handling service for luminaires too!)



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

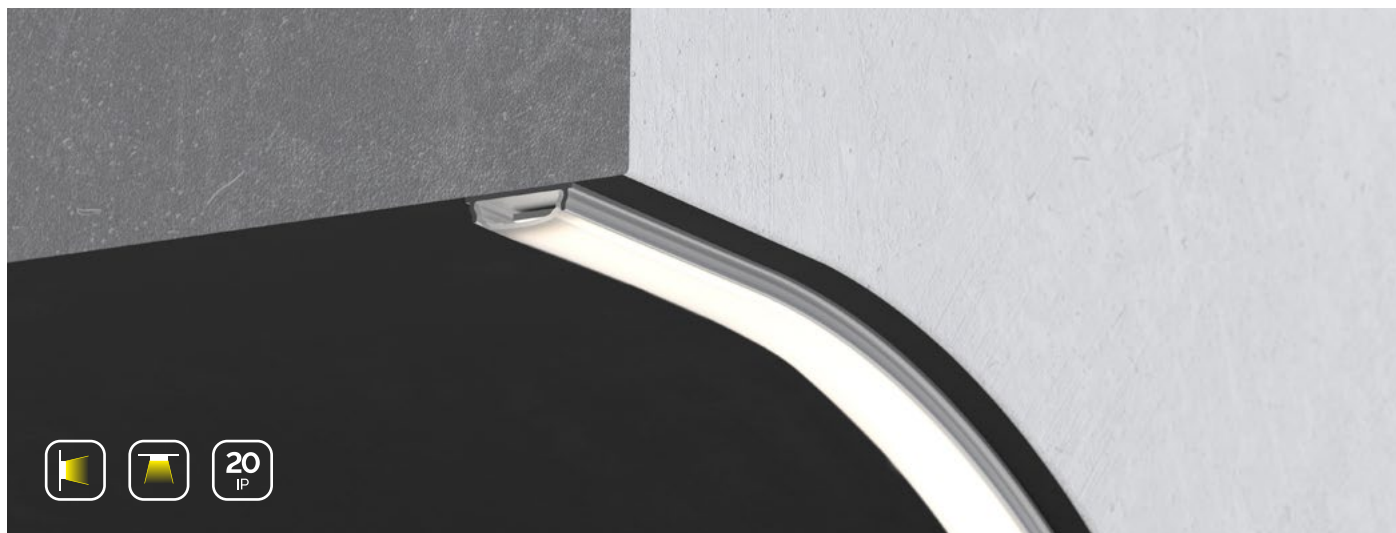
Deco.

Mod.

Cont.

Fuen.  
PSU

FLEXIBLE



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 53460004           | ● Aluminio   Aluminum | 2 m                |
| 53460004N          | ● Negro   Black       | 2 m                |
| 53460004B          | ○ Blanco   White      | 2 m                |

### Datos técnicos / Technical data

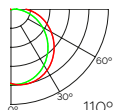
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 10W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

### Difusores Diffusers



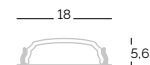
Blanco  
White  
53463004

TransL. 70%  
Dif. 60%  
CCT Var. -100K



### Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
10,8x3,6mm



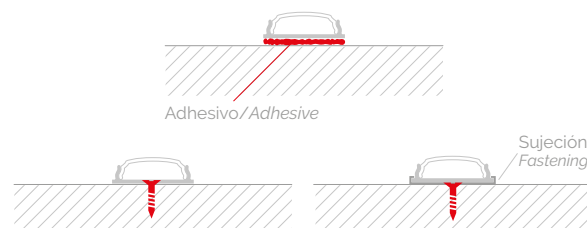
### Sujecciones Mounting clips



Sujección metálica  
Metal clip  
Acero / Steel

53466004

### Instalación Installation



### Tapas End caps



Con pasacable / With hole  
Plástico / Plastic  
18x5,6x1,6mm

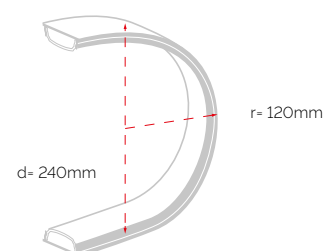
● 53464004  
● 53464004N  
○ 53464004B



Sin pasacable / Without hole  
Plástico / Plastic  
18x5,6x1,6mm

● 53465004  
● 53465004N  
○ 53465004B

### **i** Curvatura máxima Maximum Curvature





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

LSI TECSOLE



# El difusor de los GRANDES PROYECTOS

*The diffuser of large projects*



de difusor  
continuo  
*continuous diffuser*

- Instalaciones rápidas y sin cortes.  
*Fast and continuous installations.*
- Acabado blanco mate que resulta muy estético apagado y emite una luz suave cuando está encendido.  
*Matte white finish, aesthetic design when it is off and soft lighting when it is on.*
- PC flexible.  
*Flexible PC.*
- Transmitancia del 65%.  
*Transmittance of 65%.*
- Presentado en un packaging que facilita su colocación y almacenaje.  
*Easier installation and storage thanks to special packaging.*
- Perfiles compatibles:  
*Suitable profiles:*
  - Superficie / *Surface* : S8, S15, S15+
  - Empotrable / *Recessed* : E8, E15
  - Esquina / *Corner* : C18N
  - Pared / *Wall* : W50, W62
  - Zócalo / *Skirting* : D23
  - Escalón / *Step* : V22, V24, V25





# EMPOTRABLES

## RECESSED

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

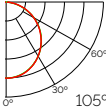
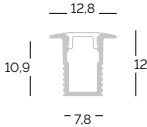
Mod.

Cont.

Fuen.  
PSU

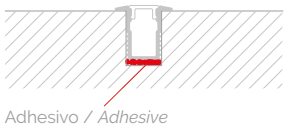


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460008           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460008N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 10W/m     |
| 08460008B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 40°C      |

| Difusores<br>Diffusers                                                              |                             |                                           | Detalle constructivo<br>Design detail                                               |                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | Blanco<br>White<br>08463009 | TransL. 70%<br>Dif. 85%<br>CCT Var. -100K |  |  |

 Dim. útiles  
Effective dim.  
5,5x7,5mm

| Instalación<br>Installation |  |
|-----------------------------|--|
|-----------------------------|--|



| Tapas<br>End caps                                                                   |                                                                 |                                          |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|
|  | Con pasacable / With hole<br>Plástico / Plastic<br>7,9X12,8X2mm | ● 08464008<br>● 08464008N<br>○ 08464008B |  |
|                                                                                     |                                                                 |                                          | Sin pasacable / Without hole<br>Plástico / Plastic<br>7,8X12,8X2mm                  |
|                                                                                     |                                                                 |                                          | ● 08465008<br>● 08465008N<br>○ 08465008B                                            |





LSI

EMPOTRABLE / RECESSED

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU







| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460042           | ● Aluminio   Aluminum | 2 m                |
| 08460042N          | ● Negro   Black       | 2 m                |
| 08460042B          | ○ Blanco   White      | 2 m                |

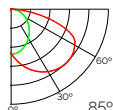
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 10W/m     |
| Temp. máxima / Max. Temperature         | 40°C      |

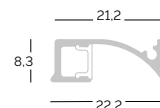
**Difusores  
Diffusers**

Blanco  
White  
08463009

TransL. 70%  
Dif. 80%  
CCT Var. -100K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
5,50x6,50mm

**Instalación  
Installation**

**i**  
Ranurado rectangular + biselado doble con guía.  
Rectangular grooving + double bevelling with guide

**Tapas  
End caps**

Izq. con pasacable / Left with hole  
Aluminio / Aluminum  
22,2x8x1,5mm

● 08464042  
● 08464042N  
○ 08464042B



Dcha. sin pasacable / Right Without hole  
Aluminio / Aluminum  
22,2x8x1,5mm

● 08465042  
● 08465042N  
○ 08465042B



EMPOTRABLE / RECESSED

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460056           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460056N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 15W/m     |
| 08460056B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 40°C      |

Tira  
Strip

Difusores  
Diffusers



PC

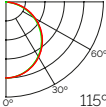
Blanco  
White

08463056

TransL. 70%

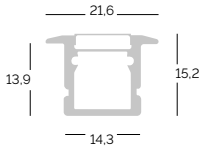
Dif. 80%

CCT Var. -100K



Detalle constructivo  
Design detail

Dim. útiles  
Effective dim.  
10x12,2mm



Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Sujeciones  
Mounting clips



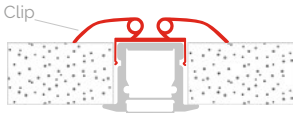
Clip metálico  
Recessed spring

08467056

Acero / Steel

Instalación  
Installation





Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Tapas  
End caps



Con pasacable / With hole  
Plástico / Plastic  
21.6x15,7x2mm

● 08464056

● 08464056N

○ 08464056B



Sin pasacable / Without hole  
Plástico / Plastic  
21.6x15,7x2mm

● 08465056

● 08465056N

○ 08465056B

Cont.

Fuen.  
PSU

219

NOVEDAD / NEW

# SENSOR SERIES

## TSL SWITCH Family

Los nuevos sensores de la familia Switch nos permiten integrar reguladores en perfilaría, mobiliario o controlar la iluminación con detectores de presencia

*The new sensors of the Switch family allow us to integrate dimmers in profiles, furniture or control lighting with presence detectors.*



Sensores de proximidad  
*Occupancy sensors*

Perfiles compatibles:  
*Suitable profiles:*

-S8, S19, E8



Sensores de apertura  
*Opening sensor*

Perfiles compatibles:  
*Suitable profiles:*

-S15, S14

### Sensores de apertura *Opening sensors*

#### TSL SW003

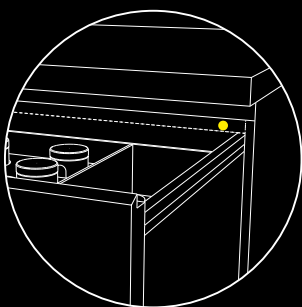
Sensor empotrable de  
apertura simple.

*Easy-open recessed sensor.*

#### TSL SW002

Sensor empotrable de  
apertura doble.

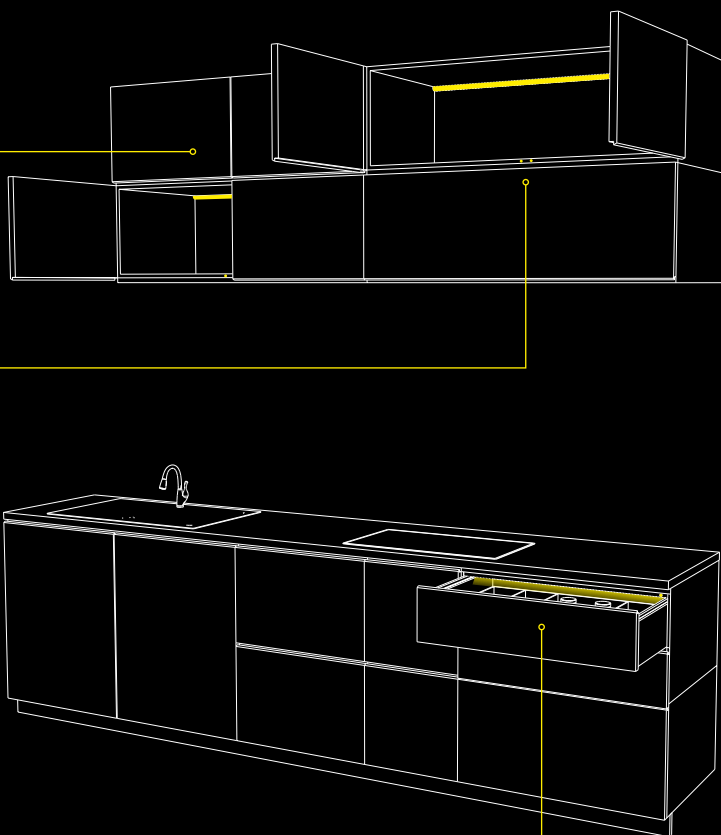
*Recessed double opening sensor.*



#### TSL SW001

Sensor integrado en perfil  
Apertura cajón/puerta

*Sensor integrated in drawer/door  
opening profile.*









| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460001           | ● Aluminio   Aluminum | 2/3 m              |
| 08460001N          | ● Negro   Black       | 2/3 m              |
| 08460001B          | ○ Blanco   White      | 2/3 m              |

**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 40°C      |

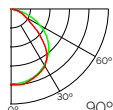
**Difusores  
Diffusers**

Transparente  
Clear

08461001

TransL.  
Dif.  
CCT Var.

90%  
0%

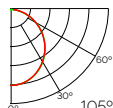


Semitransparente  
Semiclear

08462001

TransL.  
Dif.  
CCT Var.

75%  
75%

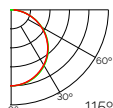


Blanco  
White

08463001

TransL.  
Dif.  
CCT Var.

70%  
80%

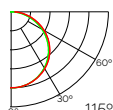


Blanco  
White

08463002

TransL.  
Dif.  
CCT Var.

60%  
90%

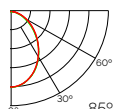


Negro&Blanco  
Black&White

08469002

TransL.  
Dif.  
CCT Var.

50%  
75%

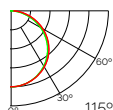


Blanco mate 50m  
White mate 50m

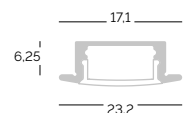
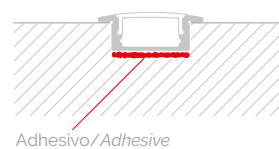
08463004R50

TransL.  
Dif.  
CCT Var.

65%  
85%

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x6,5mm

**Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
23,2x8x1,50mm

● 08464001  
● 08464001N  
○ 08464001B



Sin pasacable / Without hole  
Plástico / Plastic  
23,2x8x1,5mm

● 08465001  
● 08465001N  
○ 08465001B



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460003           | ● Aluminio   Aluminum | 2/3 m              |
| 08460003N          | ● Negro   Black       | 2/3 m              |
| 08460003B          | ○ Blanco   White      | 2/3 m              |

**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 40°C      |

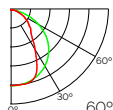
**Difusores  
Diffusers**

Transparente  
Clear

08461001

TransL.  
Dif.  
CCT Var.

90%  
0%  
-5K

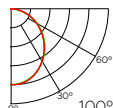


Semitransparente  
Semiclear

08462001

TransL.  
Dif.  
CCT Var.

75%  
70%  
-75K

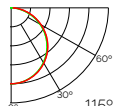


Blanco  
White

08463001

TransL.  
Dif.  
CCT Var.

70%  
90%  
-100K

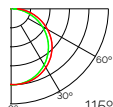


Blanco  
White

08463002

TransL.  
Dif.  
CCT Var.

60%  
100%  
-200K

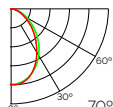


Negro&Blanco  
Black&White

08469002

TransL.  
Dif.  
CCT Var.

50%  
90%  
+25K

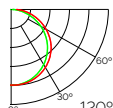


Blanco mate 50m  
White mate 50m

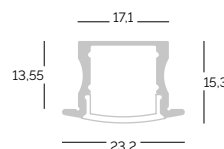
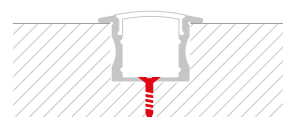
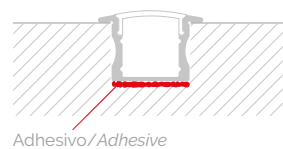
08463004R50

TransL.  
Dif.  
CCT Var.

65%  
100%  
-150K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x13,8mm

**Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
23,2x15,3x1,80mm

● 08464003  
● 08464003N  
○ 08464003B



Sin pasacable / Without hole  
Plástico / Plastic  
23,2x15,3x1,8mm

● 08465003  
● 08465003N  
○ 08465003B

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

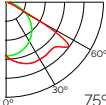
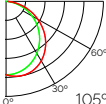
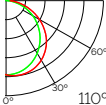






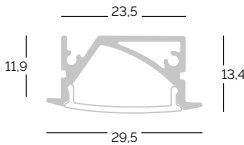
| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460012           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460012N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 14W/m     |
| 08460012B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 40°C      |

Difusores  
Diffusers

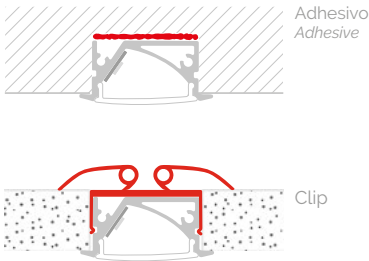
|                                                                                     |                               |                 |            |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------|-----------------|------------|-------------------------------------------------------------------------------------|
|  | Transparente<br>Clear         | TransL.<br>Dif. | 90%<br>0%  |  |
| 08461013                                                                            |                               | CCT Var.        | -5K        |                                                                                     |
|  | Semitransparente<br>Semiclear | TransL.<br>Dif. | 75%<br>75% |  |
| 08462013                                                                            |                               | CCT Var.        | -75K       |                                                                                     |
|  | Blanco<br>White               | TransL.<br>Dif. | 70%<br>80% |  |
| 08463013                                                                            |                               | CCT Var.        | -100K      |                                                                                     |

Detalle constructivo  
Design detail

Dim. útiles  
Effective dim.  
8,8x6,5mm



Instalación  
Installation



Sujeciones  
Mounting clips

|                                                                                     |                                  |          |
|-------------------------------------------------------------------------------------|----------------------------------|----------|
|  | Clip metálico<br>Recessed spring | 08466012 |
|                                                                                     | Acero / Steel                    |          |

Tapas  
End caps

|                                                                                     |                                                 |                  |                                          |                                                                                     |                                                    |                  |                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------|------------------|------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|------------------|------------------------------------------|
|  | Con pasacable / With hole<br>Plástico / Plastic | 29,5x13,4x2,15mm | ● 08464012<br>● 08464012N<br>○ 08464012B |  | Sin pasacable / Without hole<br>Plástico / Plastic | 29,5x13,4x2,15mm | ● 08465012<br>● 08465012N<br>○ 08465012B |
|-------------------------------------------------------------------------------------|-------------------------------------------------|------------------|------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|------------------|------------------------------------------|

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

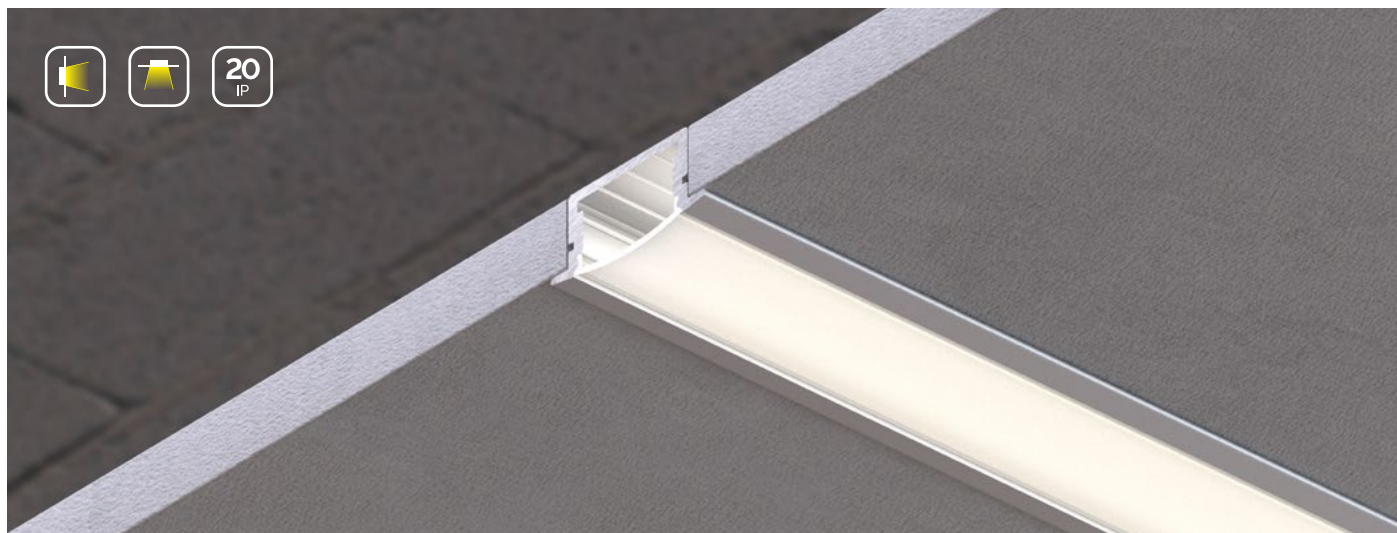
Deco.

Mod.

Cont.

Fuen.  
PSU

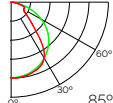




| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460030           | ● Aluminio   Aluminum | 2 m                |
| 08460030N          | ● Negro   Black       | 2 m                |
| 08460030B          | ○ Blanco   White      | 2 m                |

**Datos técnicos / Technical data**

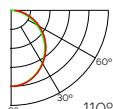
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 40°C      |

**Difusores  
Diffusers**Transparente  
ClearTransL.  
Dif.90%  
0%

08461013

CCT Var.

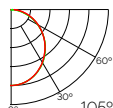
-5K

Semitransparente  
SemiclearTransL.  
Dif.75%  
90%

08462013

CCT Var.

-75K

Blanco  
WhiteTransL.  
Dif.70%  
90%

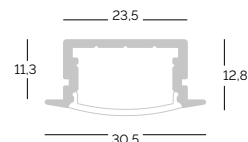
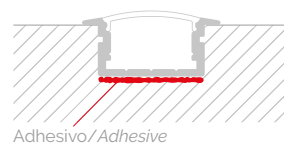
08463013

CCT Var.

-100K

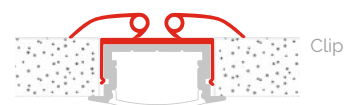
**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
18x8,5mm

**Instalación  
Installation****Sujeciones  
Mounting clips**Clip metálico  
Recessed spring

Acero / Steel

08466012

**Tapas  
End caps**Con pasacable / With hole  
Plástico / Plastic  
30,5x12,8x1,8mm

● 08464030  
● 08464030N  
○ 08464030B

Sin pasacable / Without hole  
Plástico / Plastic  
30,5x12,8x1,8mm

● 08465030  
● 08465030N  
○ 08465030B



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

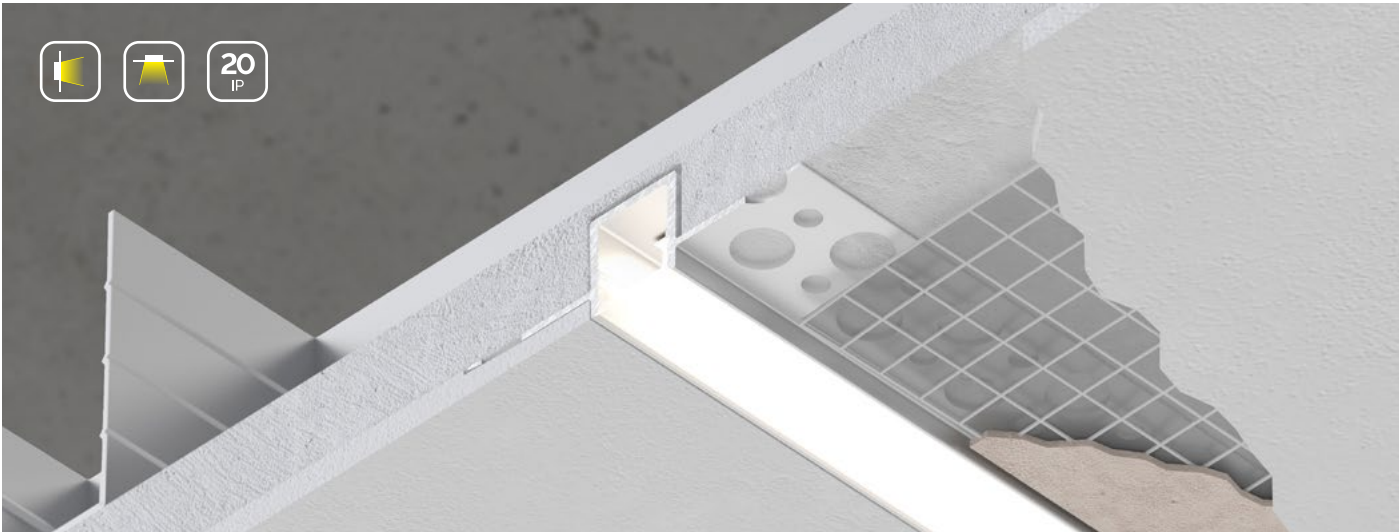
Deco.

Mod.

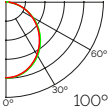
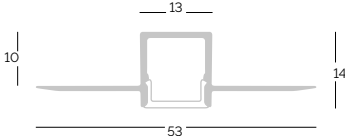
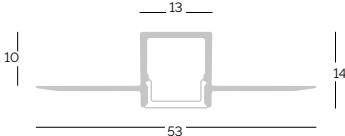
Cont.

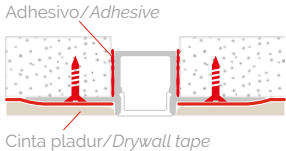
Fuen.  
PSU

TRIMLESS



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460068           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460068N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 11W/m     |
| 08460068B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 40°C      |

| Difusores<br>Diffusers                                                              |                                         |                                           | Detalle constructivo<br>Design detail                                                                                                                                                                                                                                       |  |
|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  | Blanco<br>White<br>08463068             | TransL. 70%<br>Dif. 85%<br>CCT Var. -100K | <br><br><br><br> |  |
|  | Negro&Blanco<br>Black&White<br>08462068 | TransL. 50%<br>Dif. 90%<br>CCT Var. +25K  |                                                                                                                                                                                                                                                                             |  |

| Instalación<br>Installation                                                           |  |
|---------------------------------------------------------------------------------------|--|
|  |  |

| Tapas<br>End caps                                                                   |                                                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
|  | Con pasacable / With hole<br>Plástico / Plastic<br>13x14x2mm    |
|  | Sin pasacable / Without hole<br>Plástico / Plastic<br>13x14x2mm |



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

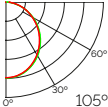
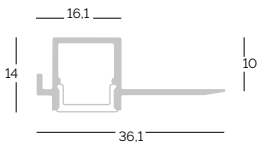
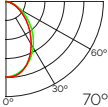
Fuen.  
PSU

**LSI TECSOLE**



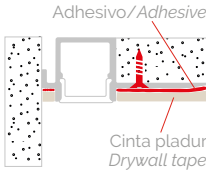


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460071           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
|                    |                       |                    | Disipación del calor / Heat dissipation | 11 W/m    |
|                    |                       |                    | Temp. máxima / Max. Temperature         | 40°C      |

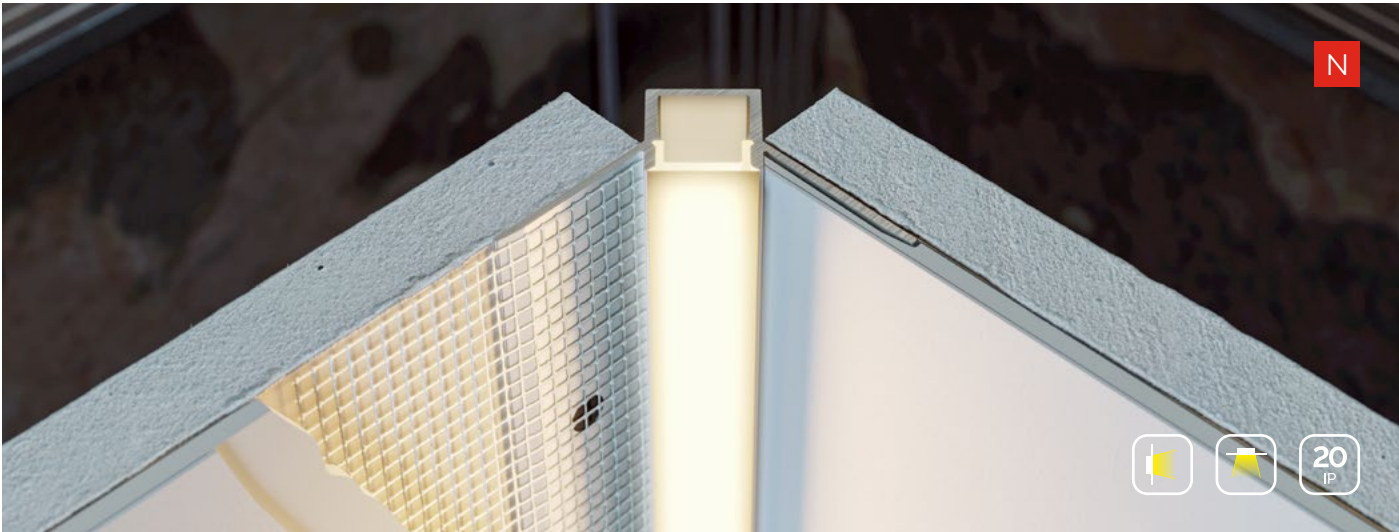
| Difusores<br>Diffusers                                                                    |                             |                                           | Detalle constructivo<br>Design detail                                               |                                                                                       |
|-------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <br>PC | Blanco<br>White             | TransL. 70%<br>Dif. 85%<br>CCT Var. -100K |  |  |
|                                                                                           | 08463068                    |                                           |                                                                                     |                                                                                       |
| <br>PC | Negro&Blanco<br>Black&White | TransL. 50%<br>Dif. 90%<br>CCT Var. +25K  |  |                                                                                       |
|                                                                                           | 08462068                    |                                           |                                                                                     |                                                                                       |

 Dim. útiles  
Effective dim.  
10,5x7mm

Instalación  
Installation



| Tapas<br>End caps                                                                   |                                 |            |                                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------|------------|-------------------------------------------------------------------------------------|
|  | Con pasacable / With hole       | ● 08464068 |  |
|                                                                                     | Plástico / Plastic<br>13x14x2mm |            |                                                                                     |
|                                                                                     | Sin pasacable / Without hole    | ● 08465068 |                                                                                     |
|                                                                                     | Plástico / Plastic<br>13x14x2mm |            |                                                                                     |



TRIMLESS

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460069           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
|                    |                       |                    | Disipación del calor / Heat dissipation | 11 W/m    |
|                    |                       |                    | Temp. máxima / Max. Temperature         | 40°C      |

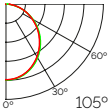
Tira  
Strip

Difusores  
Diffusers



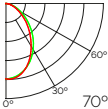
Blanco  
White  
08463068

TransL. 70%  
Dif. 85%  
CCT Var. -100K



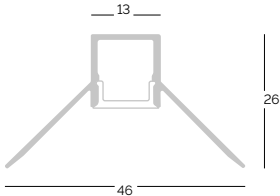
Negro&Blanco  
Black&White  
08462068

TransL. 50%  
Dif. 90%  
CCT Var. +25K



Detalle constructivo  
Design detail

ⓘ Dim. útiles  
Effective dim.  
10,5x7mm



Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

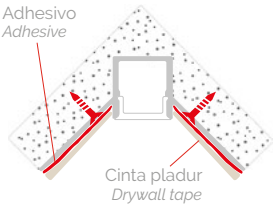
Deco.

Mod.

Cont.

Fuen.  
PSU

Instalación  
Installation



Tapas  
End caps



Con pasacable / With hole  
Plástico / Plastic  
13x14x2mm

● 08464068



Sin pasacable / Without hole  
Plástico / Plastic  
13x14x2mm

● 08465068



Referencia  
Code

08460070

Acabado  
Finish

● Aluminio | Aluminum

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

11W/m

Temp. máxima / Max. Temperature

40°C

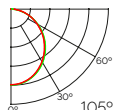
### Difusores Diffusers



Blanco  
White

08463068

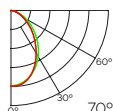
TransL. 70%  
Dif. 85%  
CCT Var. -100K



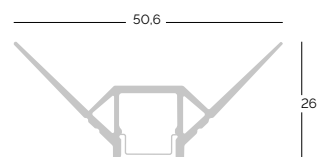
Negro&Blanco  
Black&White

08462068

TransL. 50%  
Dif. 90%  
CCT Var. +25K

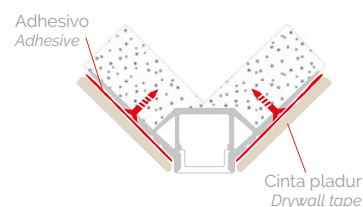


### Detalle constructivo Design detail



**i** Dim. útiles  
Effective dim.  
10,5x7mm

### Instalación Installation



### Tapas End caps



Con pasacable / With hole  
Plástico / Plastic  
13x14x2mm

● 08464068



Sin pasacable / Without hole  
Plástico / Plastic  
13x14x2mm

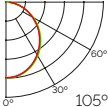
● 08465068

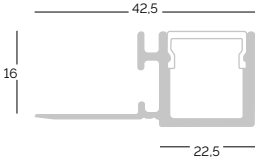


TRIMLESS

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460084           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
|                    |                       |                    | Disipación del calor / Heat dissipation | 14W/m     |
|                    |                       |                    | Temp. máxima / Max. Temperature         | 40°C      |

Tira  
Strip

| Difusores<br>Diffusers                                                                    |                 |          |                                                                                     |
|-------------------------------------------------------------------------------------------|-----------------|----------|-------------------------------------------------------------------------------------|
| <br>PC | Blanco<br>White | TransL.  | 70%                                                                                 |
|                                                                                           | 08463084        | Dif.     | 85%                                                                                 |
|                                                                                           |                 | CCT Var. | -100K                                                                               |
|                                                                                           |                 |          |  |

| Detalle constructivo<br>Design detail                                                 |                                                  |
|---------------------------------------------------------------------------------------|--------------------------------------------------|
|  | <b>i</b> Dim. útiles<br>Effective dim.<br>12x9mm |

Acc.

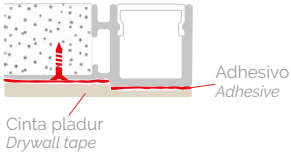
Silic.

SWL

Circ.

Perf.  
Prof.

Lite

| Instalación<br>Installation                                                           |  |
|---------------------------------------------------------------------------------------|--|
|  |  |

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

| Tapas<br>End caps                                                                   |                                     |            |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------|------------|---------------------------------------------------------------------------------------|
|  | Con pasacable / With hole           | ● 08464084 |    |
|                                                                                     | Plástico / Plastic<br>18,6x18,7x2mm |            |                                                                                       |
|  | Sin pasacable / Without hole        | ● 08465084 |  |
|                                                                                     | Plástico / Plastic<br>18,6x18,7x2mm |            |                                                                                       |

Cont.

Fuen.  
PSU





Referencia  
Code

08460021

Acabado  
Finish

● Aluminio | Aluminum

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

14W/m

Temp. máxima / Max. Temperature

40°C

### Difusores Diffusers



Blanco  
White

08463052

TransL

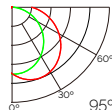
70%

Dif.

85%

CCT Var.

-100K



Blanco mate 50m  
Mate white

08461052/50M

TransL

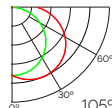
60%

Dif.

100%

CCT Var.

-150K



Negro&Blanco  
Black&White

08462052

TransL

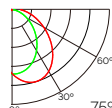
50%

Dif.

90%

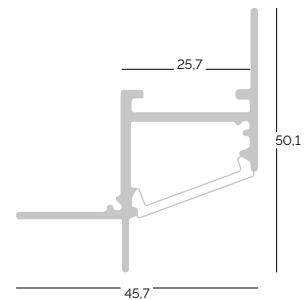
CCT Var.

+25K

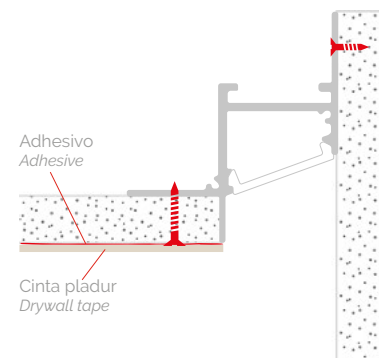


### Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
19,9x7mm



### Instalación Installation



### Tapas End caps



Izquierda / Left  
Aluminio / Aluminum  
25,7x50,1x2mm

● 08464021



Derecha / Right  
Aluminio / Aluminum  
25,7x50,1x2mm

● 08465021

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# ESQUINA

## CORNER



Referencia  
Code

08460006

Acabado  
Finish

● Aluminio | Aluminum

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

10W/m

Temp. máxima / Max. Temperature

45°C

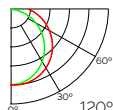
### Difusores Diffusers



Blanco  
White

08463006PC

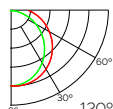
TransL. 70%  
Dif. 70%  
CCT Var. -100K



Blanco  
White

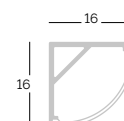
08463006

TransL. 60%  
Dif. 80%  
CCT Var. -200K

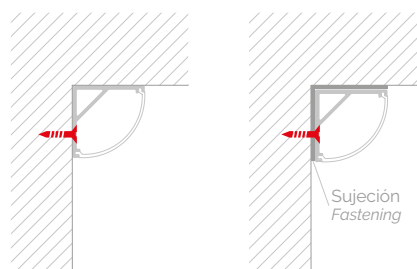


### Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
10,2x6mm



### Instalación Installation



### Sujeciones Mounting clips



Sujeción plástica  
Plastic clip

PC

08466006



Sujeción metálica  
Metal clip

Acero / Steel

08467006

### Tapas End caps



Con pasacable / With hole  
Plástico / Plastic  
16x16x2mm

● 08464006



Sin pasacable / Without hole  
Plástico / Plastic  
16x16x2mm

● 08465006





ESQUINA / CORNER

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

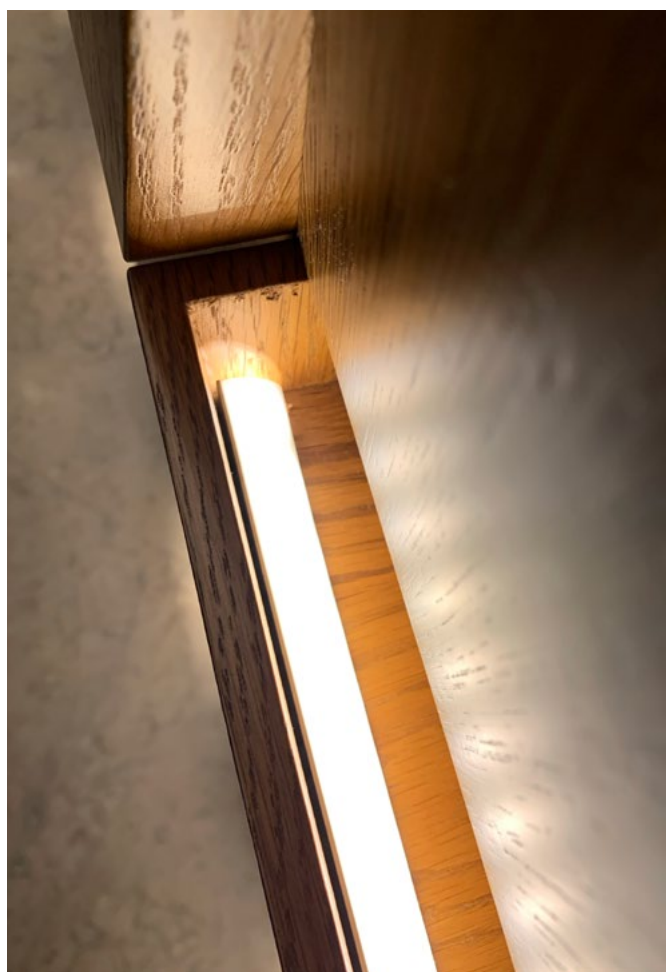
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU







| Referencia<br>Code | Acabado<br>Finish            | Formatos<br>Length |
|--------------------|------------------------------|--------------------|
| 08460041           | ● Aluminio   <i>Aluminum</i> | 2 m                |
| 08460041N          | ● Negro   <i>Black</i>       | 2 m                |
| 08460041B          | ○ Blanco   <i>White</i>      | 2 m                |

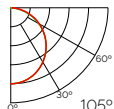
**Datos técnicos / Technical data**

|                                                |           |
|------------------------------------------------|-----------|
| Material                                       | AL6063-T5 |
| Disipación del calor / <i>Heat dissipation</i> | 10W/m     |
| Temp. máxima / <i>Max. Temperature</i>         | 45°C      |

**Difusores  
Diffusers**

Blanco  
*White*  
08463009

TransL. 70%  
Dif. 70%  
CCT Var. -100K

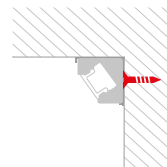
**Detalle constructivo  
Design detail**

ⓘ Dim. útiles  
*Effective dim.*  
6x6mm

**Sujeciones  
Mounting clips**

Sujeción metálica  
*Metal clip*  
Acero / *Steel*

08466041

**Instalación  
Installation**Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU**Tapas  
End caps**

Con pasacable / *With hole*  
Plástico / *Plastic*  
10x10x1,55mm

● 08464041  
● 08464041N  
○ 08464041B



Sin pasacable / *Without hole*  
Plástico / *Plastic*  
10x10x1,55mm

● 08465041  
● 08465041N  
○ 08465041B



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460027           | ● Aluminio   Aluminum | 2 m                |
| 08460027N          | ● Negro   Black       | 2 m                |
| 08460027B          | ○ Blanco   White      | 2 m                |

**Datos técnicos / Technical data**

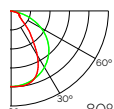
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 22W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

Transparente  
Clear

TransL.  
Dif.  
CCT Var.

90%  
0%  
-5K



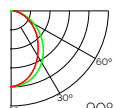
08461001



Semitransparente  
Semiclear

TransL.  
Dif.  
CCT Var.

75%  
65%  
-75K



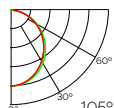
08462001



Blanco  
White

TransL.  
Dif.  
CCT Var.

70%  
70%  
-100K



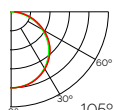
08463001



Blanco  
White

TransL.  
Dif.  
CCT Var.

60%  
80%  
-200K



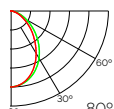
08463002



Negro&Blanco  
Black&White

TransL.  
Dif.  
CCT Var.

50%  
65%  
+25K



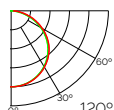
08469002



Blanco mate 50m  
White mate 50m

TransL.  
Dif.  
CCT Var.

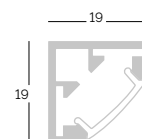
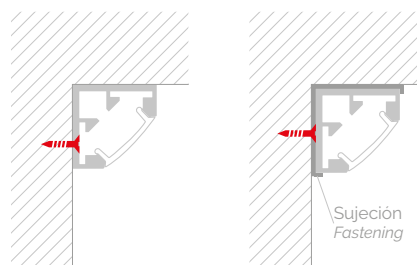
65%  
100%  
-150K



08463004R50

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
10x6mm

**Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Zinc / Zinc  
19x19x1,5mm

● 08464027  
● 08464027N  
○ 08464027B



Sin pasacable / Without hole  
Zinc / Zinc  
19x19x1,5mm

● 08465027  
● 08465027N  
○ 08465027B

Sujeciones  
Mounting clips



Sujeción metálica  
Metal clip  
Acero / Steel  
08466027

Conexiones  
Connectors



Pletina de conexión 180°  
180° extender  
80x9,1x0,85mm  
● 08469027



Pletina de conexión 90° "L"  
"L" type 90° extender  
49,1x49,1x0,85mm  
● 08467027



Pletina de conexión 90° "T"  
"T" type 90° extender  
44,37x40x9,1mm  
● 08468027

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU







Tira

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# PARED & ZÓCALO

WALL & SKIRTING



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460050           | ● Aluminio   Aluminum | 2 m                |
| 08460050N          | ● Negro   Black       | 2 m                |
| 08460050B          | ○ Blanco   White      | 2 m                |

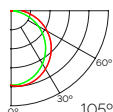
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 2x20W/m   |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

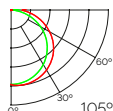
Blanco  
White  
08463001

TransL. 70%  
Dif. 80%  
CCT Var. -100K



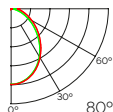
Blanco  
White  
08463002

TransL. 60%  
Dif. 90%  
CCT Var. -200K

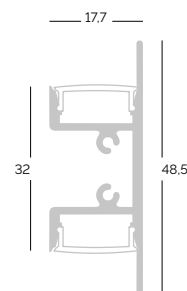
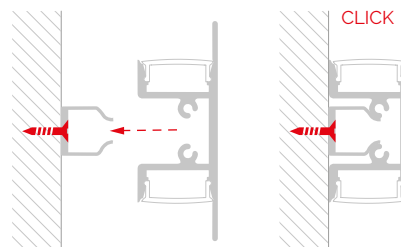


Negro&Blanco  
Black&White  
08469002

TransL. 50%  
Dif. 75%  
CCT Var. +25K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x6,5mm

**Instalación  
Installation**

**i** Perfil de fijación incluido.  
Fastening profile included.

**Sujeciones  
Mounting clips**

Clip metálico  
Recessed spring  
Acero / Steel

08466050

**Tapas  
End caps**

Dcha. con pasacable / Right with hole  
Aluminio / Aluminum  
17,7x48,5x2mm

● 08464050  
● 08464050N  
○ 08464050B



Izq. sin pasacable / Left without hole  
Plástico / Plastic  
17,1x8x1,50mm

● 08465002  
● 08465002N  
○ 08465002B

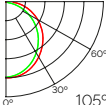
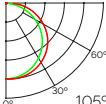
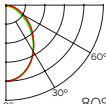


PARED Y ZÓCALO / WALL & SKIRTING

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460062           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460062N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 20W/m     |
| 08460062B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

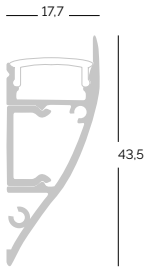
Tira  
Strip

Difusores  
Diffusers

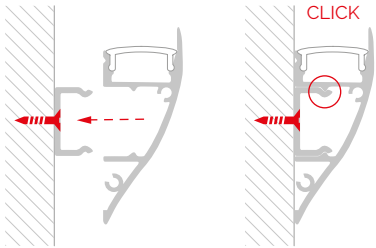
|                                                                                     |                                         |                                           |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|
|  | Blanco<br>White<br>08463001             | TransL. 70%<br>Dif. 80%<br>CCT Var. -100K |  |
|  | Blanco<br>White<br>08463002             | TransL. 60%<br>Dif. 90%<br>CCT Var. -200K |  |
|  | Negro&Blanco<br>Black&White<br>08469002 | TransL. 50%<br>Dif. 75%<br>CCT Var. +25K  |  |

Detalle constructivo  
Design detail

**i** Dim. útiles  
Effective dim.  
12,2x6,5mm



Instalación  
Installation



**i** Perfil de fijación incluido.  
Fastening profile included.

Tapas  
End caps

|                                                                                     |                                                          |                                          |                                                                                     |                                                         |                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------|
|  | Izquierda / Left<br>Aluminio / Aluminum<br>17,7x43,5x2mm | ● 08464062<br>● 08464062N<br>○ 08464062B |  | Derecha / Right<br>Aluminio / Aluminum<br>17,7x43,5x2mm | ● 08465062<br>● 08465062N<br>○ 08465062B |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------|

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



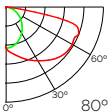
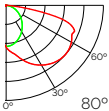
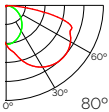


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460023           | ● Aluminio   Aluminum | 2 m                |
| 08460023N          | ● Negro   Black       | 2 m                |
| 08460023B          | ○ Blanco   White      | 2 m                |

**Datos técnicos / Technical data**

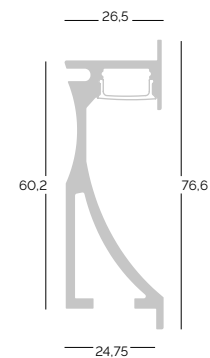
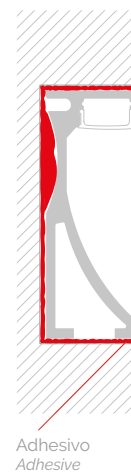
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 22W/m     |
| Temp. máxima / Max. Temperature         | 40°C      |

**Difusores  
Diffusers**

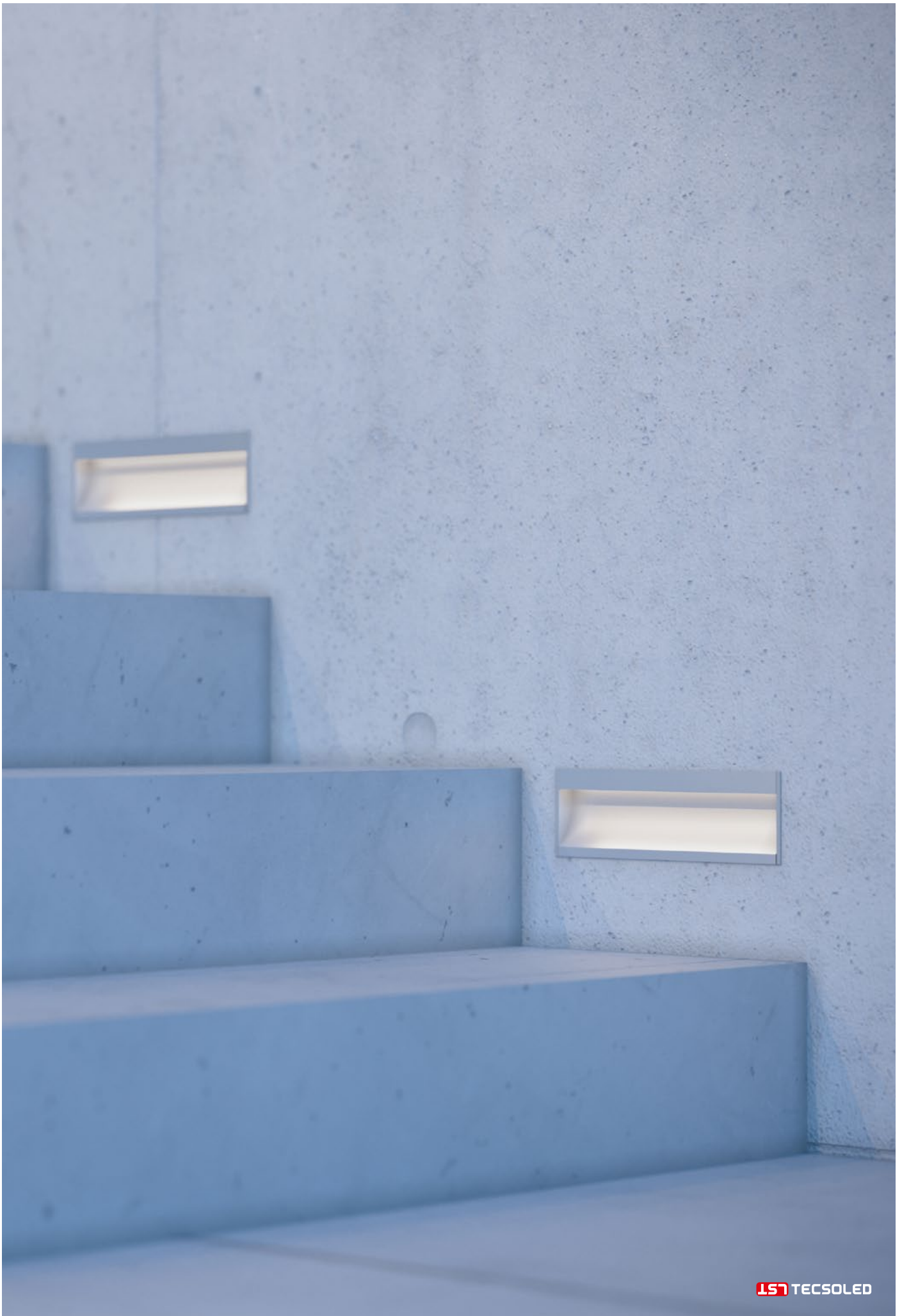
|                                                                                     |                                   |                                           |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|
|  | Semitransparente<br>Semiclear     | TransL. 75%<br>Dif. 75%<br>CCT Var. -75K  |  |
| PC                                                                                  | 08462001                          |                                           |                                                                                     |
|  | Blanco<br>White                   | TransL. 70%<br>Dif. 80%<br>CCT Var. -100K |  |
| PC                                                                                  | 08463001                          |                                           |                                                                                     |
|  | Blanco mate 50m<br>White mate 50m | TransL. 65%<br>Dif. 85%<br>CCT Var. -150K |  |
| PC                                                                                  | 08463004R50                       |                                           |                                                                                     |

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x6,5mm

**Instalación  
Installation****Tapas  
End caps**

|                                                                                     |                                                                                |                                          |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------|
|  | Dcha. con pasacable / Right with hole<br>Plástico / Plastic<br>26,5x76,6x1,5mm | ● 08464023<br>● 08464023N<br>○ 08464023B |
|  | Izq. sin pasacable / Left without hole<br>Plástico / Plastic<br>13x14x2mm      | ● 08465023<br>● 08465023N<br>○ 08465023B |



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

**LSI** TECSOLE



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460020           | ● Aluminio   Aluminum | 2 m                |
| 08460020N          | ● Negro   Black       | 2 m                |
| 08460020B          | ○ Blanco   White      | 2 m                |

## Datos técnicos / Technical data

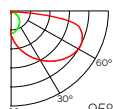
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 22W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



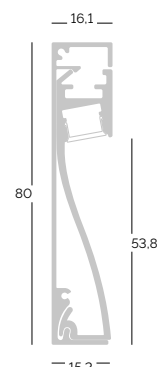
Blanco  
White  
08463020

Transl. 70%  
Dif. 85%  
CCT Var. -100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
8,70x7,30mm



## Conexiones Connectors



Conexión interior de 90°  
90° Inside connection  
36,15x36,15x80mm

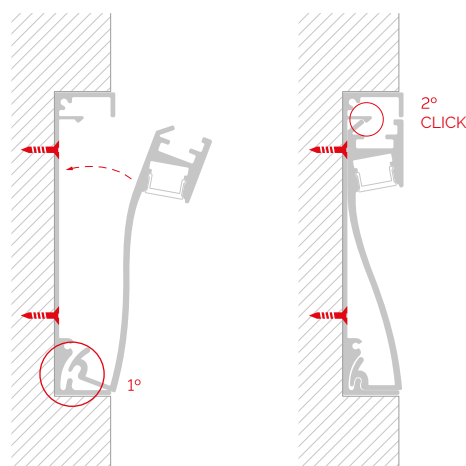
● 08467020  
● 08467020N  
○ 08467020B



Conexión exterior de 90°  
90° Outside connection  
32,4x32,4x80mm

● 08468020  
● 08468020N  
○ 08468020B

## Instalación Installation



## Tapas End caps



Dcha. con pasacable / Right with hole  
Aluminio / Aluminum  
16,1x80x1,9mm

● 08464020  
● 08464020N  
○ 08464020B



Izq. sin pasacable / Left without hole  
Aluminio / Aluminum  
16,1x80x1,9mm

● 08465020  
● 08465020N  
○ 08465020B



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

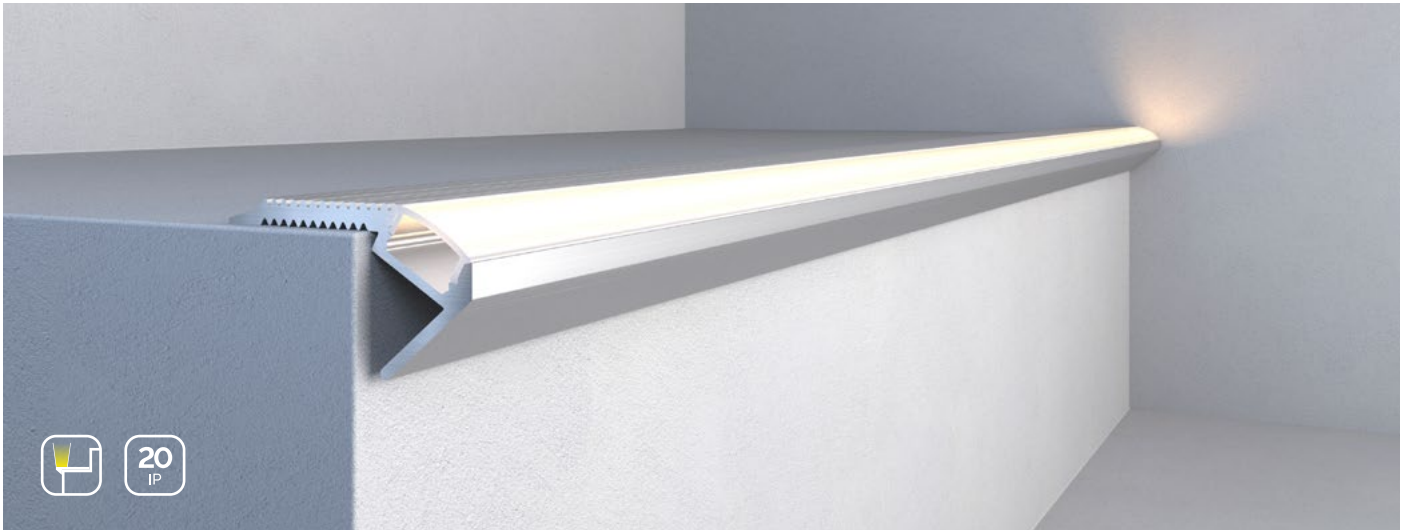
Cont.

Fuen.  
PSU

# SUELO & ESCALÓN

*FLOOR & STEP*





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460022           | ● Aluminio   Aluminum | 2 m                |
| 08460022N          | ● Negro   Black       | 2 m                |
| 08460022B          | ○ Blanco   White      | 2 m                |

**Datos técnicos / Technical data**

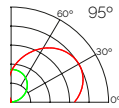
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 22W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

Blanco  
White

08463001

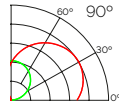
TransL. 70%  
Dif. 80%  
CCT Var. -100K



Blanco  
White

08463002

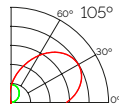
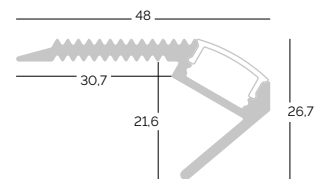
TransL. 60%  
Dif. 90%  
CCT Var. -200K



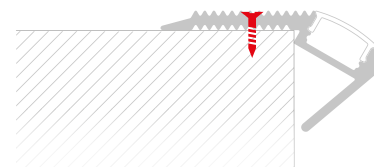
Negro&Blanco  
Black&White

08469002

TransL. 50%  
Dif. 75%  
CCT Var. +25K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x6,5mm

**Instalación  
Installation****Tapas  
End caps**

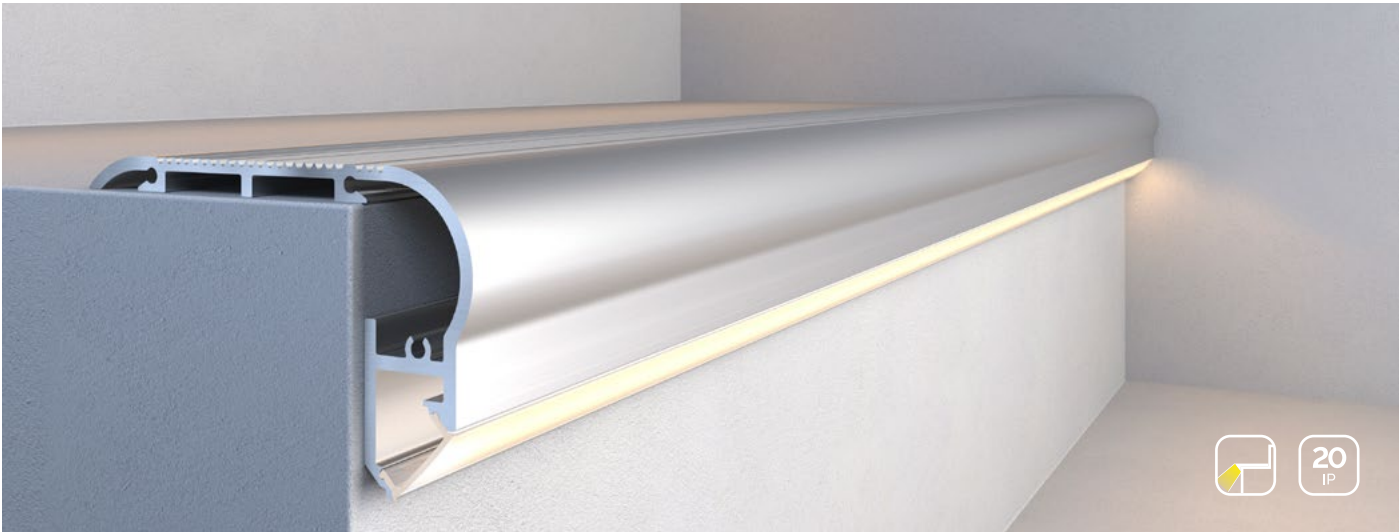
Lzq. sin pasacable / Left without hole  
Plástico / Plastic  
48x26,7x3mm

● 08465022  
● 08465022N  
○ 08465022B



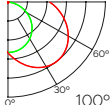
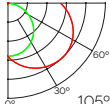
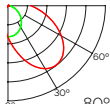
Dcha. con pasacable / Right with hole  
Plástico / Plastic  
48x26,7x3mm

● 08464022  
● 08464022N  
○ 08464022B

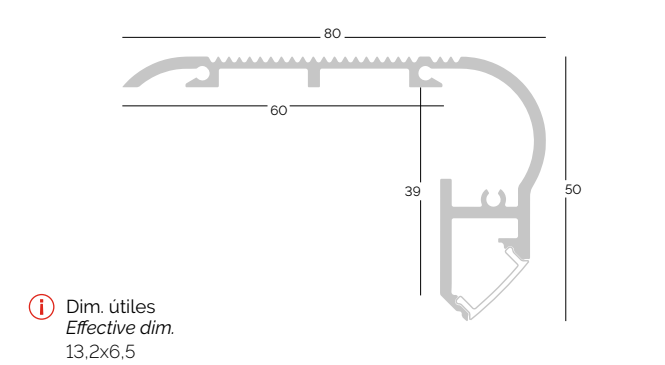


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460024           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460024N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 22W/m     |
| 08460024B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

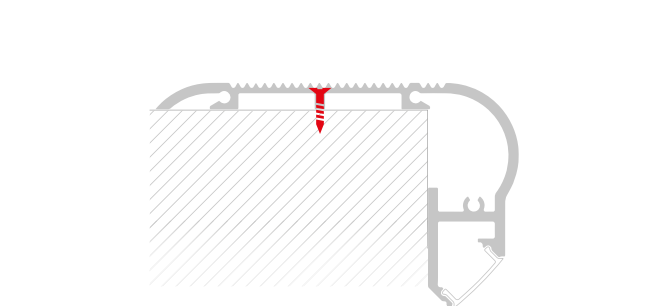
Difusores  
Diffusers

|                                                                                     |                                         |                                           |                                                                                     |
|-------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|
|  | Blanco<br>White<br>08463001             | TransL. 70%<br>Dif. 80%<br>CCT Var. -100K |  |
|  | Blanco<br>White<br>08463002             | TransL. 60%<br>Dif. 90%<br>CCT Var. -200K |  |
|  | Negro&Blanco<br>Black&White<br>08469002 | TransL. 50%<br>Dif. 75%<br>CCT Var. +25K  |  |

Detalle constructivo  
Design detail



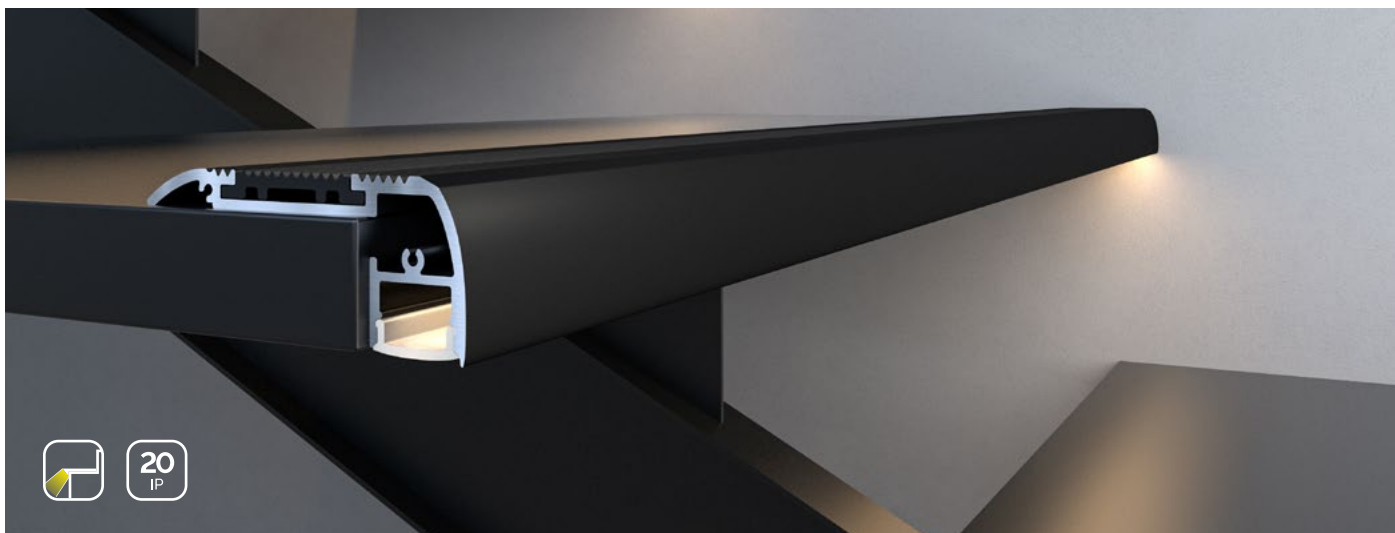
Instalación  
Installation



Tapas  
End caps

|                                                                                     |                                                                             |                                          |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|
|  | Izq. sin pasacable / Left without hole<br>Plástico / Plastic<br>80x50x1,8mm | ● 08465024<br>● 08465024N<br>○ 08465024B |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|

|                                                                                     |                                                                            |                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------|
|  | Dcha. con pasacable / Right with hole<br>Plástico / Plastic<br>80x50x1,8mm | ● 08464024<br>● 08464024N<br>○ 08464024B |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------|



Referencia  
Code

08460025

Acabado  
Finish

● Negro | Black

Formatos  
Length

2 m

### Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

22W/m

Temp. máxima / Max. Temperature

45°C

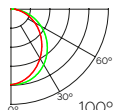
### Difusores Diffusers



Blanco  
White

08463001

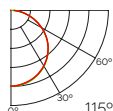
TransL. 70%  
Dif. 80%  
CCT Var. -100K



Blanco  
White

08463002

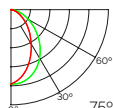
TransL. 60%  
Dif. 90%  
CCT Var. -200K



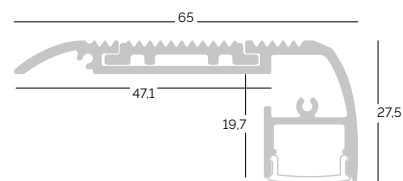
Negro&Blanco  
Black&White

08469002

TransL. 50%  
Dif. 75%  
CCT Var. +25K

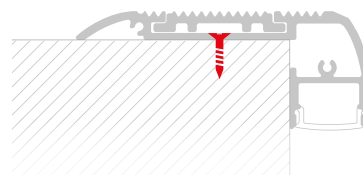


### Detalle constructivo Design detail



ⓘ Dim. útiles  
Effective dim.  
12,2x6,5mm

### Instalación Installation



### Tapas End caps



Izq. sin pasacable / Left without hole ● 08465025  
Aluminio / Aluminum  
65x27,5x2mm



Dcha. con pasacable / Right with hole ● 08464025  
Aluminio / Aluminum  
65x27,5x2mm



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

**LSI** TECSOLE





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460011           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460011N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 28W/m     |
| 08460011B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

Difusores  
Diffusers



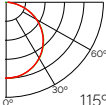
Blanco  
White

08463011

TransL. 65%

Dif. 85%

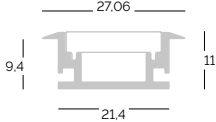
CCT Var. -200K



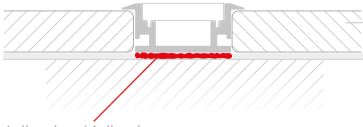
Difusor de 3 mm de grosor  
3 mm thickness diffuser

Detalle constructivo  
Design detail

Dim. útiles  
Effective dim.  
12,2x6,4mm



Instalación  
Installation



Baldosa  
Tile

Adhesivo / Adhesive

Tapas  
End caps



Con pasacable / With hole  
Plástico / Plastic  
27,06x11x2,1mm

● 08464011

● 08464011N

○ 08464011B



Sin pasacable / Without hole  
Plástico / Plastic  
27,06x11x2,1mm

● 08465011

● 08465011N

○ 08465011B

254 Tecsoled - Get Ready



SUELO Y ESCALÓN / FLOOR & STEP

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460026           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 08460026N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 28W/m     |
| 08460026B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

Difusores  
Diffusers



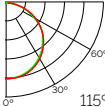
Blanco  
White

08463011

TransL. 65%

Dif. 100%

CCT Var. -200K



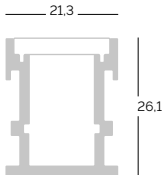
ⓘ

Difusor de 3 mm de grosor  
3 mm thickness diffuser

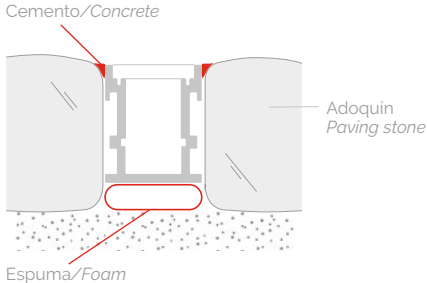
Detalle constructivo  
Design detail

ⓘ

Dim. útiles  
Effective dim.  
12x21mm



Instalación  
Installation



Tapas  
End caps



Con pasacable / With hole

Plástico / Plastic

21.3x26.1x1.9mm

● 08464026

● 08464026N

○ 08464026B



Sin pasacable / Without hole

Plástico / Plastic

21.3x26.1x1.9mm

● 08465026

● 08465026N

○ 08465026B

- Tira Strip
- Acc.
- Silic.
- SWL
- Circ.
- Perf. Prof.
- Lite
- Pro
- Work
- Curve
- Julia
- Track
- Arqu. Arch.
- Prod.
- Deco.
- Mod.
- Cont.
- Fuen. PSU

255



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460037           | ● Aluminio   Aluminum | 2 m                |
| 08460037N          | ● Negro   Black       | 2 m                |
| 08460037B          | ○ Blanco   White      | 2 m                |

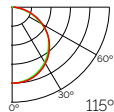
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

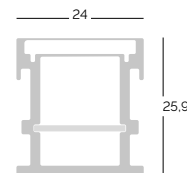
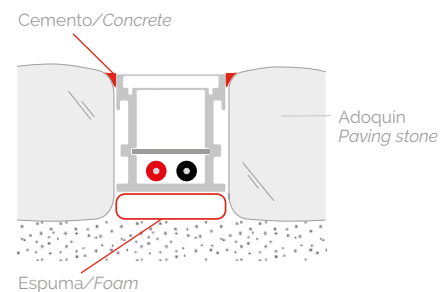
**Difusores  
Diffusers**

Blanco  
White  
08463037

TransL. 65%  
Dif. 100%  
CCT Var. -200K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
21x15mm

**Instalación  
Installation****Tapas  
End caps**

Sin pasacable / Without hole  
Zinc / Zinc  
24,05x25,9x1,5mm

● 08465037  
● 08465037N  
○ 08465037B

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# ESPECIALES

## SPECIALS





| Referencia<br>Code | Acabado<br>Finish            | Formatos<br>Length |
|--------------------|------------------------------|--------------------|
| 53460006           | ● Aluminio   <i>Aluminum</i> | 2 m                |
| 53460006N          | ● Negro   <i>Black</i>       | 2 m                |
| 53460006B          | ○ Blanco   <i>White</i>      | 2 m                |

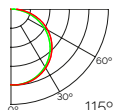
**Datos técnicos / Technical data**

|                                                |           |
|------------------------------------------------|-----------|
| Material                                       | AL6063-T5 |
| Disipación del calor / <i>Heat dissipation</i> | 14W/m     |
| Temp. máxima / <i>Max. Temperature</i>         | 45°C      |

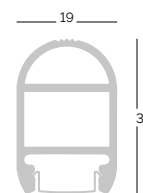
**Difusores  
Diffusers**

Blanco  
*White*  
53463006

TransL. 55%  
Dif. 85%  
CCT Var. -100K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
*Effective dim.*  
12,2x7,2mm

**Sujeciones  
Mounting clips**

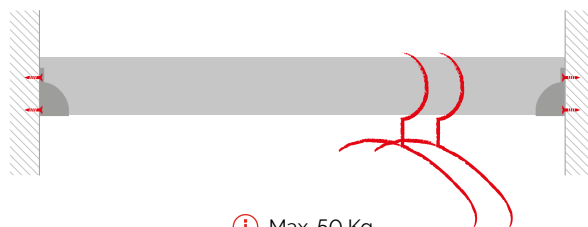
Sujeción plástica  
*Plastic clip*  
PVC

53466006



Sujeción intermedia  
*Middle bracket*  
Acero / *Steel*

53467006

**Instalación  
Installation**

**i** Max. 50 Kg

**Tapas  
End caps**

Con pasacable / *With hole*  
Plástico / *Plastic*  
19x30x2,15mm

○ 53464006



Sin pasacable / *Without hole*  
Plástico / *Plastic*  
19x30x2,15mm

○ 53465006



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

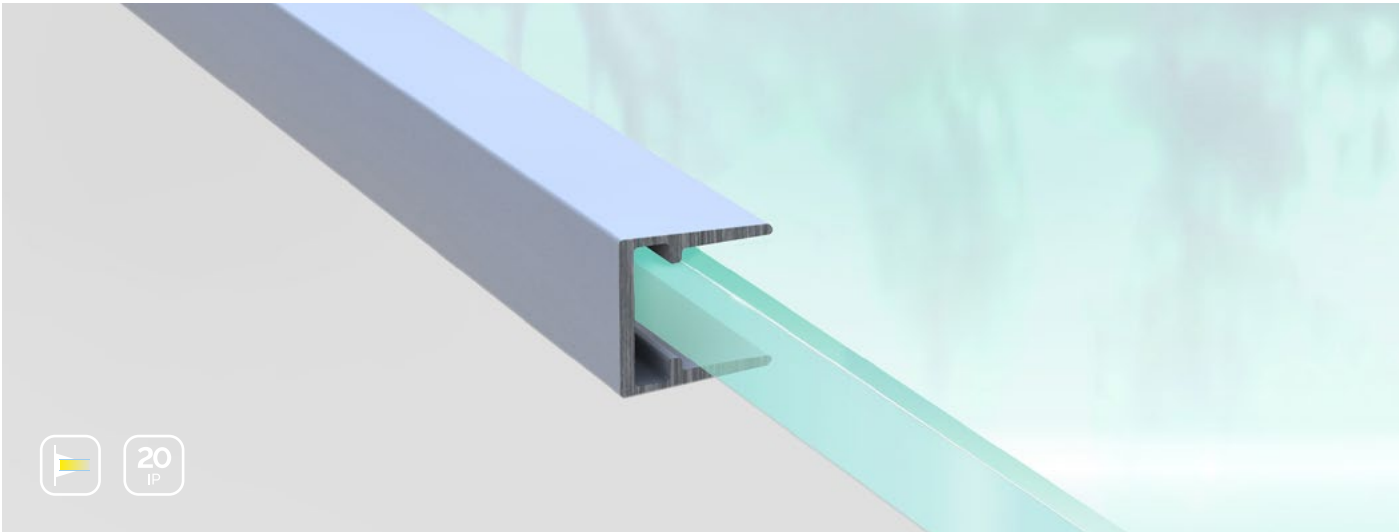
Deco.

Mod.

Cont.

Fuen.  
PSU

LSI



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460017           | ● Aluminio   Aluminum | 2 m                |
| 08460017N          | ● Negro   Black       | 2 m                |
| 08460017B          | ○ Blanco   White      | 2 m                |

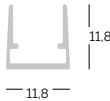
Datos técnicos / Technical data

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 10W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

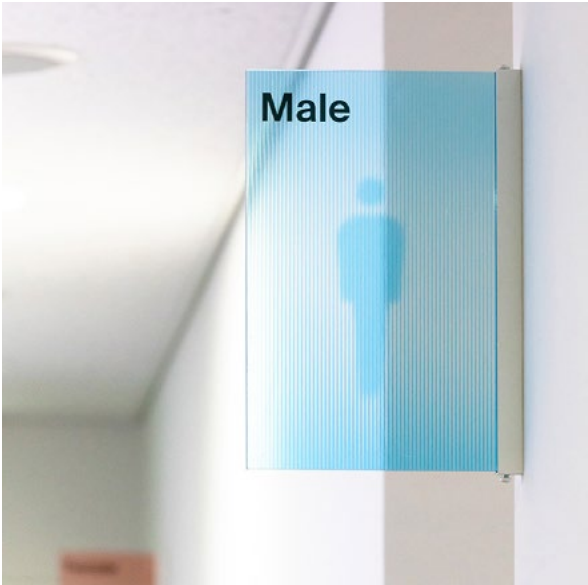
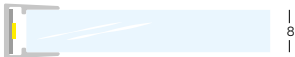


Detalle constructivo  
Design detail

ⓘ Dim. útiles  
Effective dim.  
10x3mm



Instalación  
Installation



TSL PL13

Pletina / Deck



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 64460001           | ● Aluminio   Aluminum | 2 m                |

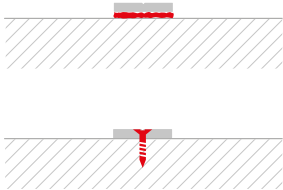
| Datos técnicos / Technical data         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 11W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

Detalle constructivo  
Design detail

**i** Dim. útiles  
Effective dim.  
13mm



Instalación  
Installation



TSL PL20

Pletina / Deck

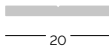


| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 64460002           | ● Aluminio   Aluminum | 2 m                |

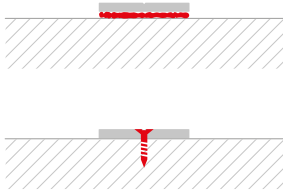
| Datos técnicos / Technical data         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 18W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

Detalle constructivo  
Design detail

**i** Dim. útiles  
Effective dim.  
20mm



Instalación  
Installation



ESPECIALES / SPECIALS

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

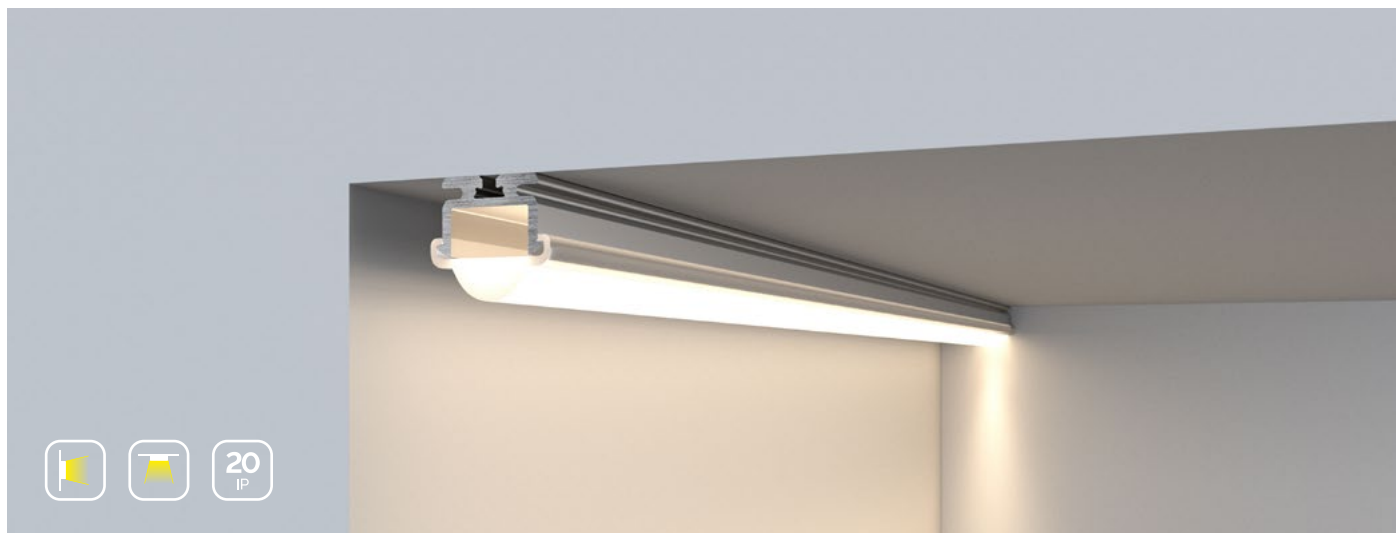
Deco.

Mod.

Cont.

Fuen.  
PSU

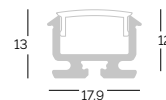
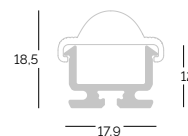
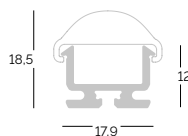
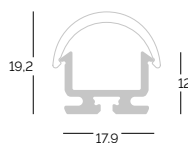




| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 24166151           | ● Aluminio   Aluminum | 2 m                | Material                                | AL6063-T5 |
| 24166151N          | ● Negro   Black       | 2 m                | Disipación del calor / Heat dissipation | 26W/m     |
| 24166151B          | ○ Blanco   White      | 2 m                | Temp. máxima / Max. Temperature         | 45°C      |

## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
13x6mm

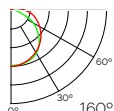


## Difusores Diffusers



Curvo Blanco  
White curved  
24138736PL

TransL. 75%  
Dif. 90%  
CCT Var. -100K



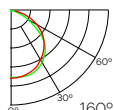
Plano púrpura  
Purple flat

51460003



Curvo semitransp.  
Semiclear curved  
24138737PL

TransL. 75%  
Dif. 70%  
CCT Var. -150K



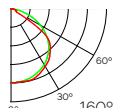
Plano ámbar  
Amber flat

51460004



Curvo transparente  
Clear curved  
24138738PL

TransL. 90%  
Dif. 0%  
CCT Var. -5K



Plano amarillo  
Yellow flat

51460005



Plano blanco  
White flat

51460002



Plano verde  
Green flat

51460006



Plano semitransparente  
Semiclear flat

51460001



Plano azul  
Blue flat

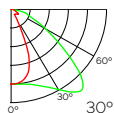
51460008

## Lentes Lenses



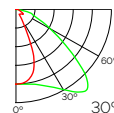
Transparente 30°  
30° Clear  
24166408LM

Transl. 80%  
Dif. 0%  
CCT Var. -100K



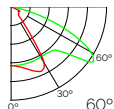
Semitransp. 30°  
30° Semiclear  
24166409LM

Transl. 75%  
Dif. 70%  
CCT Var. -150K



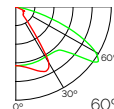
Transparente 60°  
60° Semiclear  
24166406LM

Transl. 80%  
Dif. 0%  
CCT Var. -100K



Semitransp. 60°  
60° Semiclear  
24166410LM

Transl. 75%  
Dif. 70%  
CCT Var. -150K



## Sujeciones Mounting clips



Sujeción plástica 0°  
0° Plastic clip  
PC

88166859PL



Sujeción plástica 45°  
45° Plastic clip  
PC

88167374LM

## Tapas End caps



Con pasacable / With hole  
Aluminio / Aluminum  
51460011



Sin pasacable / Without hole  
Aluminio / Aluminum  
51460012



Con pasacable para perfil plano / With hole for flat profile  
Aluminio / Aluminum  
51460015



Sin pasacable para perfil plano / Without hole for flat profile  
Aluminio / Aluminum  
51460016

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# LUMI NA RIAS

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## LUMINAIRES

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La progresiva evolución de nuestros productos ha hecho que consideremos esta sección como la de mayor potencial de nuestro catálogo.

Las luminarias conforman el equipo perfecto entre iluminación decorativa e iluminación general, proporcionan una solución efectiva para la integración de equipos de alimentación y control y pueden conseguir niveles lumínicos adecuados a necesidades concretas o adecuarse al máximo a cualquier espacio.

*The progressive evolution of our products has led us to consider this section as the one with the largest potential in our catalogue.*

*Luminaires represent the perfect teaming up of decorative lighting and general lighting, provide an effective solution for the integration of supply and control devices and can reach light levels to suit specific needs or adapt as much as possible to any space.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# LITE

- Líneas básicas y sencillas.  
*Basic and simple lines.*
- Modelos económicos adaptables a diferentes proyectos.  
*Affordable models that can adapt to different projects.*
- Amplia gama de modelos y aplicaciones.  
*Wide range of models and applications.*
- Combinable con cualquier tira de nuestro catálogo.  
*Can be combined with any strip in our catalogue.*



# WORK



- Eficiencia luminica máxima con componentes de primeras marcas.  
*Maximum luminous efficiency with top-brand components.*
- Tratamiento superficial de alta calidad.  
*High-quality surface treatment.*
- Tapas laterales magnéticas que se conectan en segundos.  
*Magnetic side End caps that can be connected in seconds.*
- Estructura interna optimizada y cableado oculto entre luminarias.  
*Optimised internal structure and hidden cabling between luminaires.*
- CRI>90, UGR<19.
- Difusores antideslumbramiento, opacos y para grating.



# CURVE

- Luminarias circulares completas FINISH o módulos independientes CREATE.  
*Full circular FINISH luminaires or independent CREATE modules.*
- Obtención de cambiantes formas gracias a la libertad de conexión entre líneas y arcos.  
*Varying shapes can be obtained thanks to the freedom with which lines and arcs can be connected.*
- Difusor flexible de silicona (20 m) que ofrece una sencilla instalación sin cortes evitando fugas de luz.  
*The silicone flexible diffuser (20 m) allows easy installation without cuts, preventing light leaks.*
- Módulos rígidos especialmente diseñados para cada tipo de tramo.  
*Rigid modules are especially designed for each type of section.*



# PRO

- Sistema de ensamblaje que facilita la instalación y el mantenimiento.  
*Assembly system for easy installation and maintenance.*
- Tratamiento superficial de alta calidad.  
*High-quality surface treatment.*
- Tapas laterales magnéticas que se conectan en segundos.  
*Magnetic side end caps that can be connected in seconds.*
- Fuentes de alimentación y cableado integrado.  
*Integrated cabling and power sources.*
- Tira flexible especialmente diseñada.  
*Epecially designed flexible strip.*
- Venta en medidas estándar o personalización máxima con cortes de cada 50 mm.  
*Sale in standardised sizes or maximum customisation with cuts down to every 50 mm.*



## Una familia para cada necesidad

*One product range for every need*

**IS7 TECSOLE**

# JULIA

MINIMAL LIGHTING

- Fidelidad cromática profesional.  
*Professional color fidelity.*
- Diseño antideslumbramiento.  
*Anti-glare design.*
- Emisión doble o sencilla.  
*Single or double emission.*
- Fuente de alimentación integrada.  
*Integrated power supply.*
- Diseño con carácter.  
*Design with character.*



≥90  
CRI

12  
UGR



# Aspectos básicos para plantear el proyecto

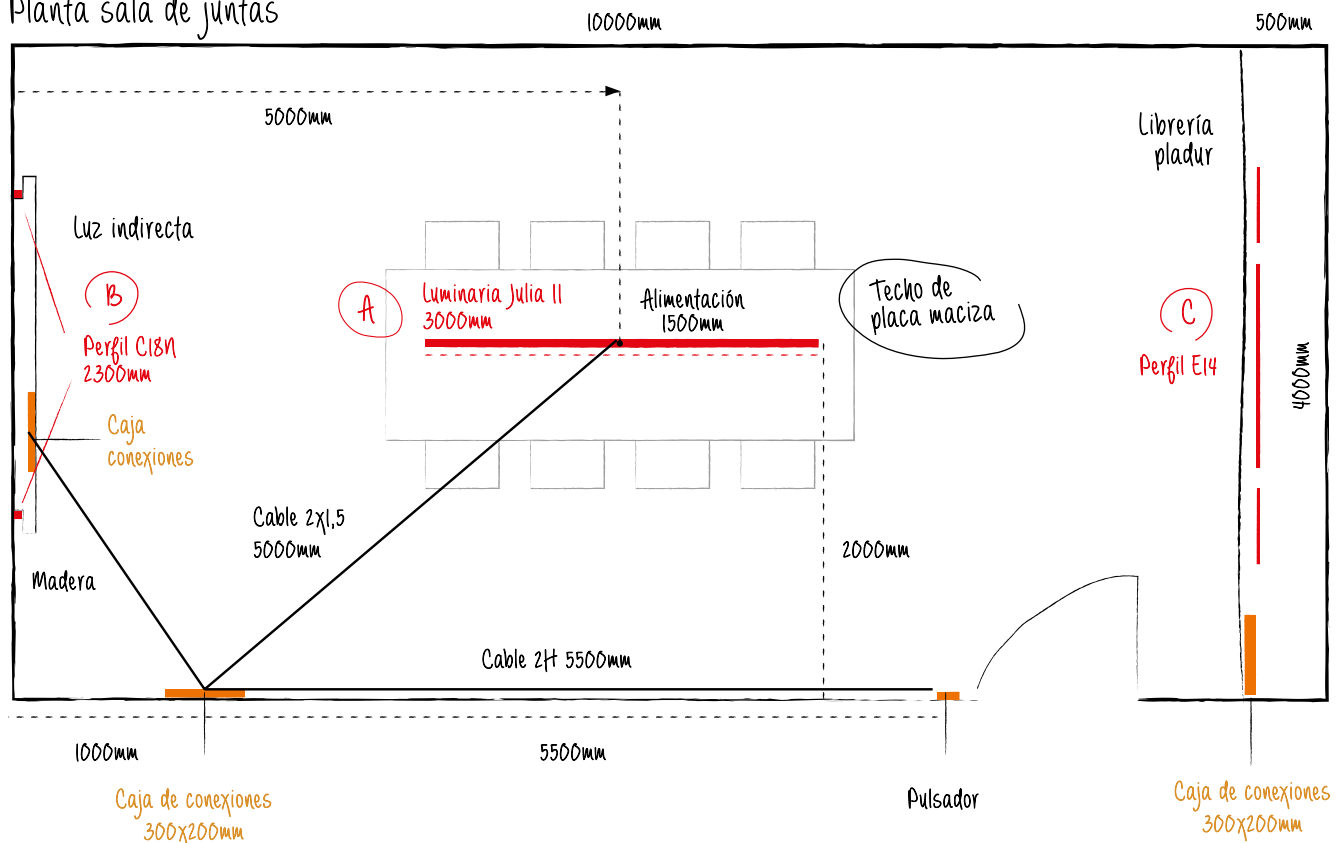
## Representación gráfica del proyecto

- Vista de planta del proyecto a escala visible.
- Diagrama de cableado de la instalación resaltando los puntos de alimentación de las luminarias.
- Ubicación de los interruptores y posible ubicación de los transformadores, indicando las dimensiones disponibles si se trata de una caja.
- (Opcional). Propuesta de diseño o ubicación de luminarias.

## Condicionantes del producto

- Sistemas complejos a partir de interconexiones en 1 o 2 planos y elección correcta del tipo de luminaria para realizarlos.
- Modificación de la entrada de cableado no prevista en la fabricación habitual.
- Definir el lacado.

### Planta sala de juntas



Nota: Obra de reforma parcial, necesitamos adaptarnos a la canalización existente

#### (A) Iluminación principal

- Luminaria colgante Julia II largo 3000mm
- A 800mm del techo (tensores incluidos)
- Techo de placa maciza
- Salida de cable a 1500mm
- Lacado negro

#### (B) Luz indirecta

- 2 unidades perfil C18N largo 2300mm
- Fijado a panel de madera
- Salida cable a 1500mm

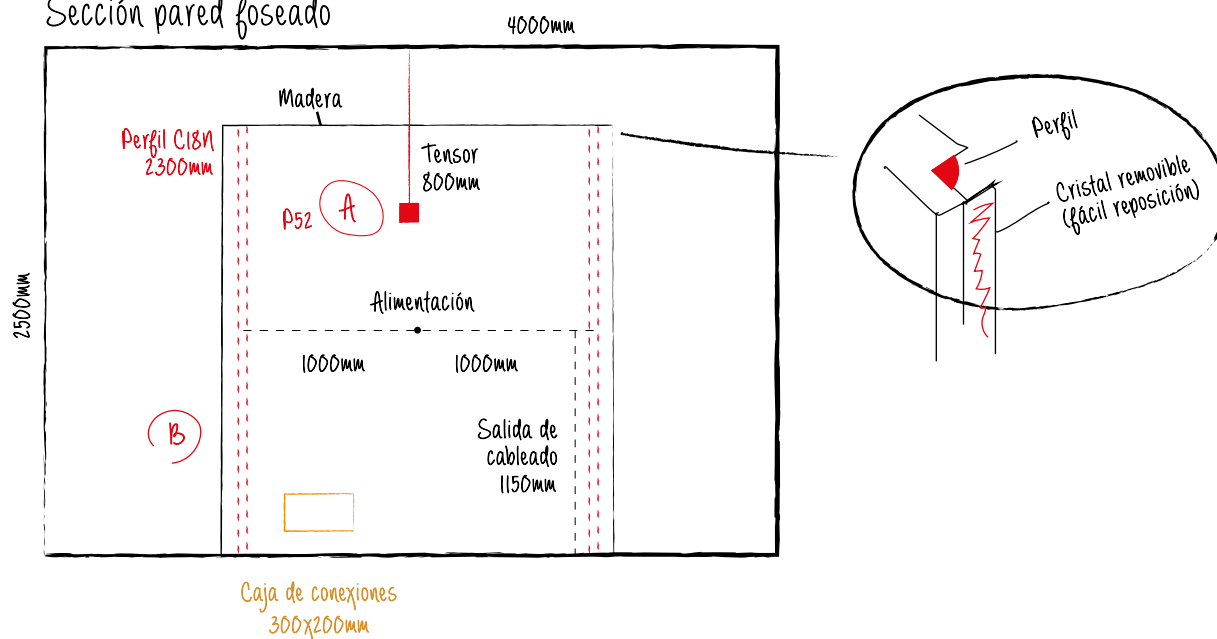
#### (C) Iluminación librería

- 3 Unid. perfil E14 de 600mm cableado en cada extremo
- 3 U. perfil E14 de 1200mm cableado en cada extremo
- 3 U. perfil E14 de 600mm cableado en un extremo
- Se empotra en pladur
- 30mm de tolerancia
- Lacado blanco

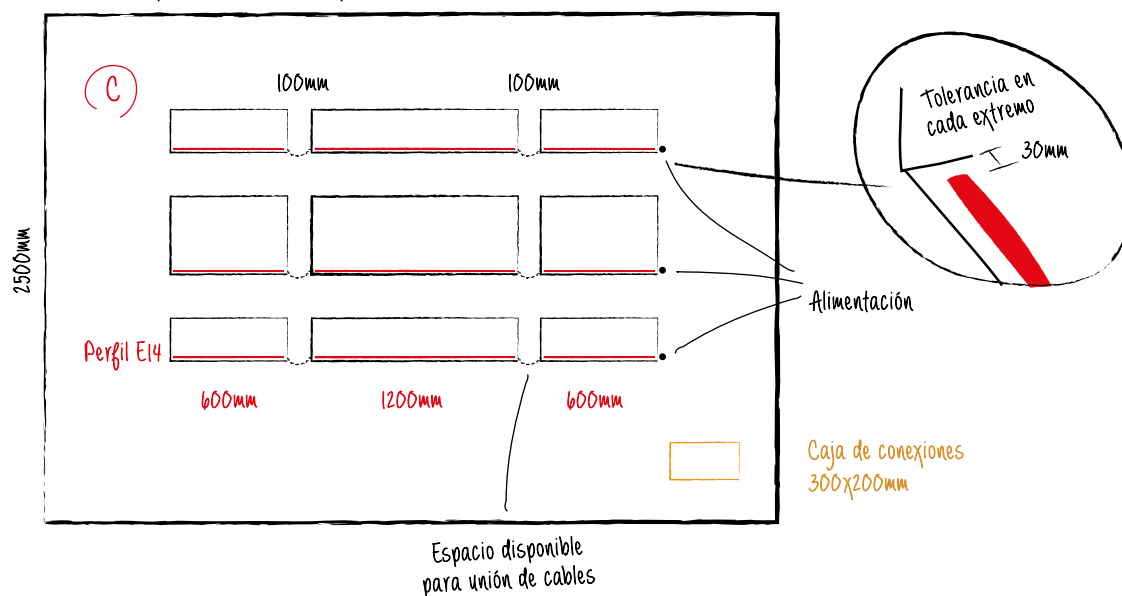
## Características que condicionan el diseño

- Tipo de superficie de instalación (falso techo, placa maciza, diferentes tipos de suelo, fachadas).
- Sistemas de control existentes o previstos.
- Momento en el que se realizará la instalación: durante el transcurso de la obra, cuando la obra esté finalizada, durante una remodelación, durante una intervención únicamente eléctrica.
- Recursos de montaje durante la instalación y a lo largo de la vida del producto: acceso directo al producto, acceso mediante escaleras o grúas, acceso comprometido.
- Tipo de establecimiento: Oficinas, públicos, industriales... Cada espacio tiene sus requerimientos luminicos: flujo, UGR, CRI... Esta información es vital para que el Departamento Técnico te asesore adecuadamente.

### Sección pared foseado



### Sección pared librería pladur





# Basic aspects for planning the project

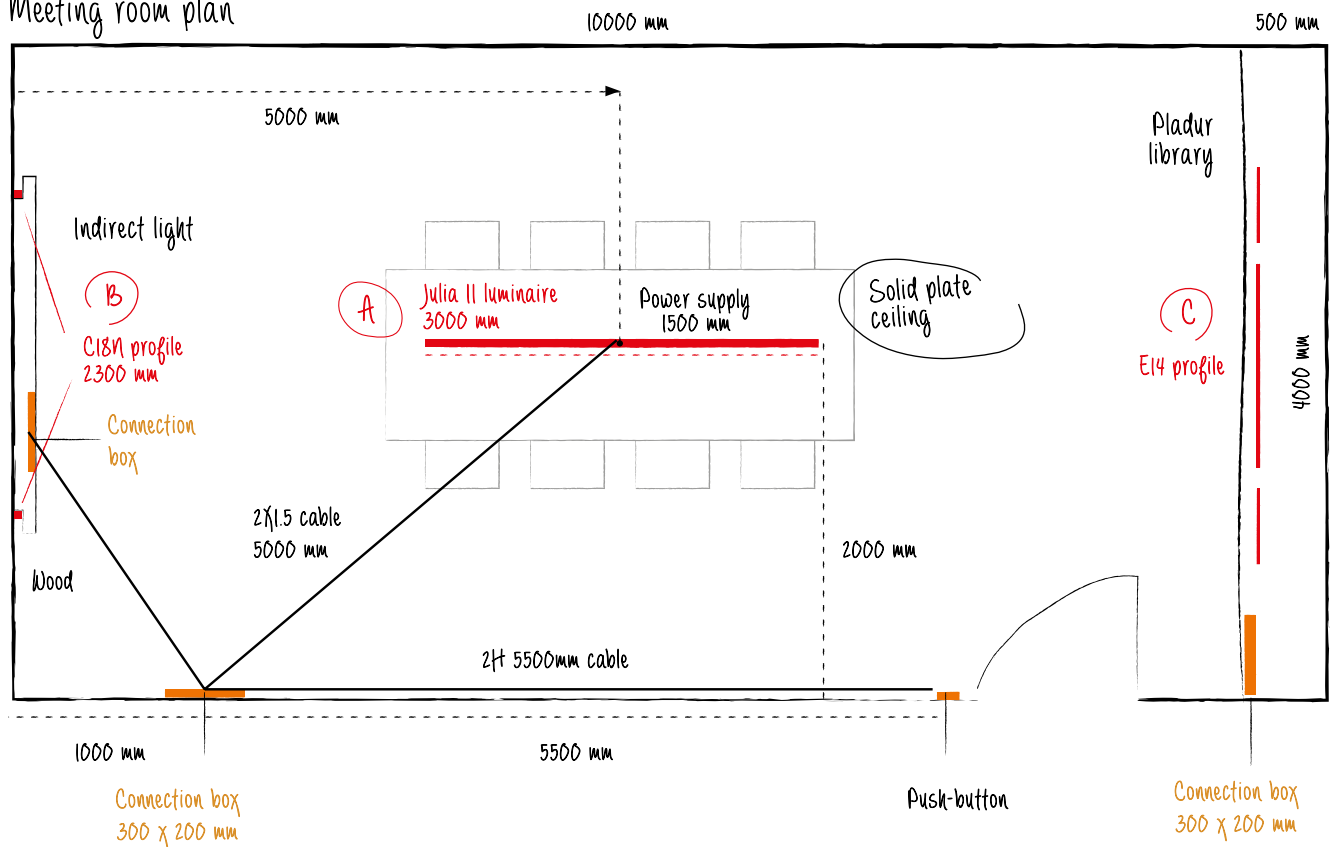
## Graphical representation of the project

- Plan view of the project on a visible scale.
- Wiring diagram of the installation highlighting the power supply points for the luminaires.
- Location of switches and possible location of the transformers, indicating the dimensions available in the case of a box.
- (Optional). Proposed design or location of luminaires.

## Product constraints

- Complex systems based on interconnections on 1 or 2 planes and the correct choice of type of luminaire to achieve them.
- Modification of the cable entry not catered for in normal manufacturing.
- Define the lacquering.

### Meeting room plan



Note: Partial refurbishment works, we need to work around the existing channelling

#### (A) Main lighting

- Hanging Julia II luminaire 3000 mm in length
- 800 mm from the ceiling (rods included)
- Solid plate ceiling
- Cable exit at 1500 mm
- Black lacquering

#### (B) Indirect light

- 2 C18N profile units 2300 mm in length
- Fixed to wooden panel
- Cable exit at 1500 mm

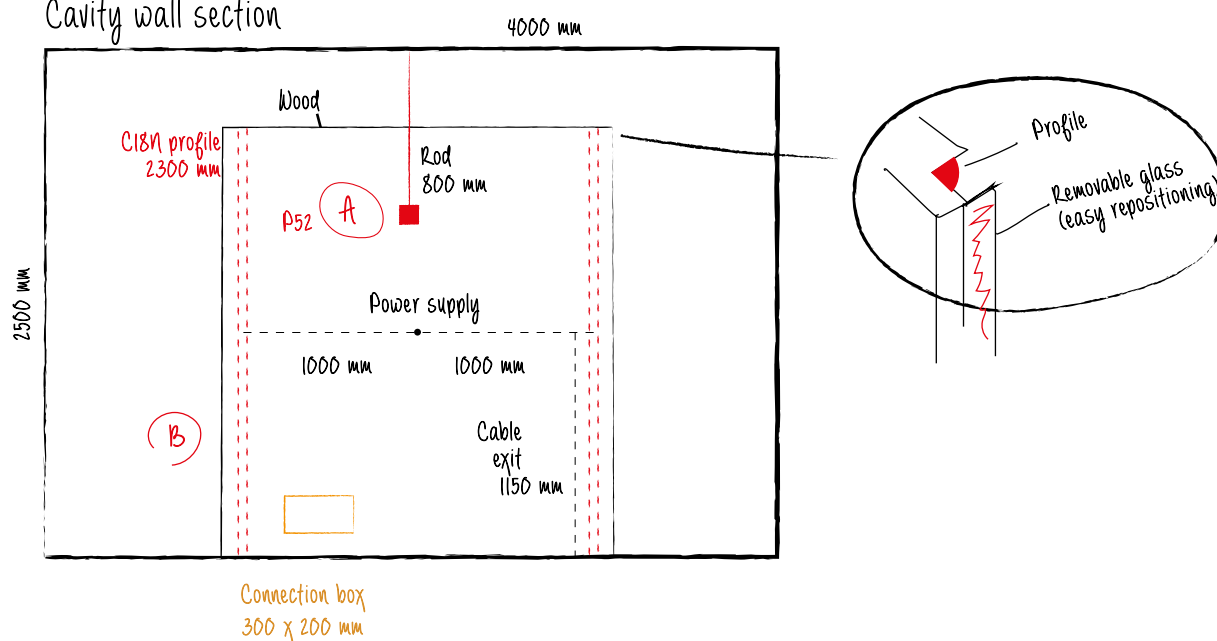
#### (C) Library lighting

- 3 x 600 mm E14 profiles wiring at each end
- 3 x 1200 mm E14 profiles wiring at each end
- 3 x 600 mm E14 profiles wiring at one end
- Embedded in Pladur
- 30 mm tolerance
- White lacquering

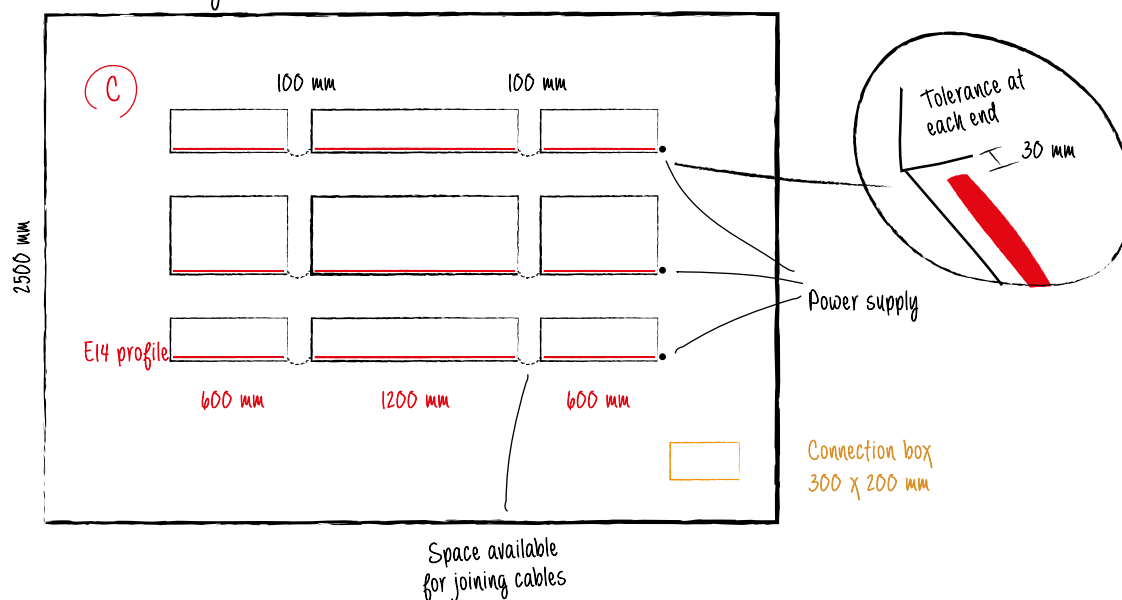
## Characteristics that condition the design

- Type of installation surface (false ceiling, solid plate, different types of floor, façades).
- Existing or planned control systems.
- Time at which the installation is carried out: during the work, when the work is finished, during a remodelling, during a purely electrical procedure.
- Assembly resources during the installation and throughout the product's life: direct access to the product, access by means of ladders or cranes, compromised access.
- Type of establishment: Offices, public, industrial, etc. Every space has its lighting requirements: flow, UGR, CRL, etc. This information is critical in order for the Technical Department to be able to assess you correctly.

### Cavity wall section



### Pladur library wall section



Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

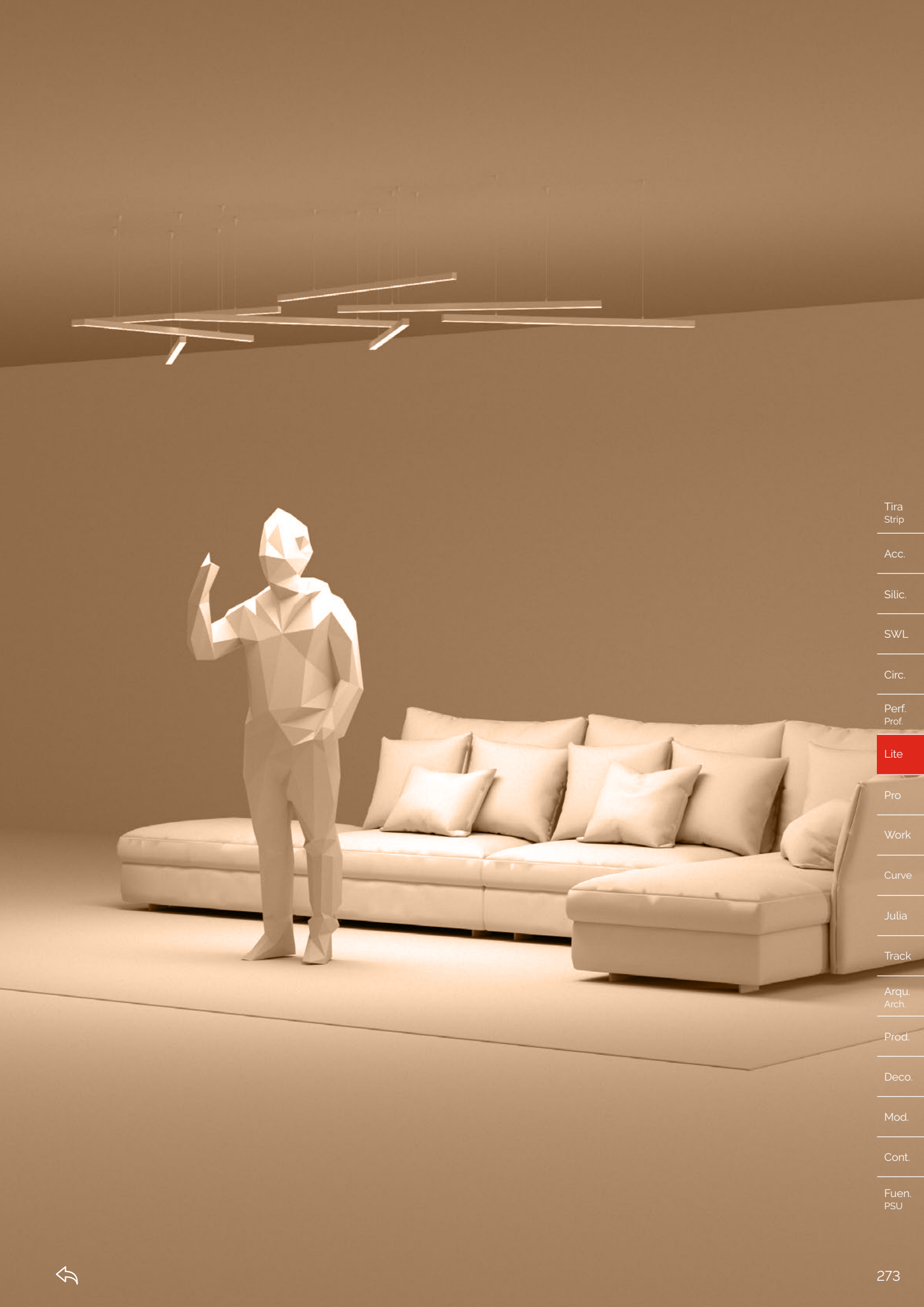
Fuen. PSU

## **LS7** LUMINARIAS / LUMINAIRES

# LITE

Las luminarias **LITE** son la **esencia** en sí misma de la evolución de nuestros productos. La adaptación de los perfiles se ha convertido en la **base decorativa** de muchos proyectos que buscan un producto complementario a la potencia y luminosidad creciente de nuestras tiras flexibles. Los **nuevos desarrollos** de tapas, sujeciones o florones consiguen dar un **impulso de estética y calidad**, diferenciándose de las luminarias de su mismo segmento.

***LITE** luminaires are the very **essence** of the evolution of our products. Profile adaptation has become the **decorative baseline** for many projects requiring a product that complements the increasing power and luminosity of our flexible strips. Our new strip, fastening and ceiling lamp **developments improve aesthetics and quality**, setting themselves apart from other luminaires in the same segment.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# GUÍA

## Sección Lite

### Lite section guide

El orden ha sido establecido en base a las aplicaciones y tamaños de los productos.

The order in this section has been set based on product applications and sizes.

Instalación y protección básica  
*Installation and basic protection*

Material

Translucidez  
Porcentaje de luz que atraviesa el difusor.

**Translucency**  
Percentage of light that passes through the diffuser.

**Difusión**  
Capacidad de convertir los puntos de luz en una línea continua.

**Diffusion**  
Ability to convert light dots into a continuous line.

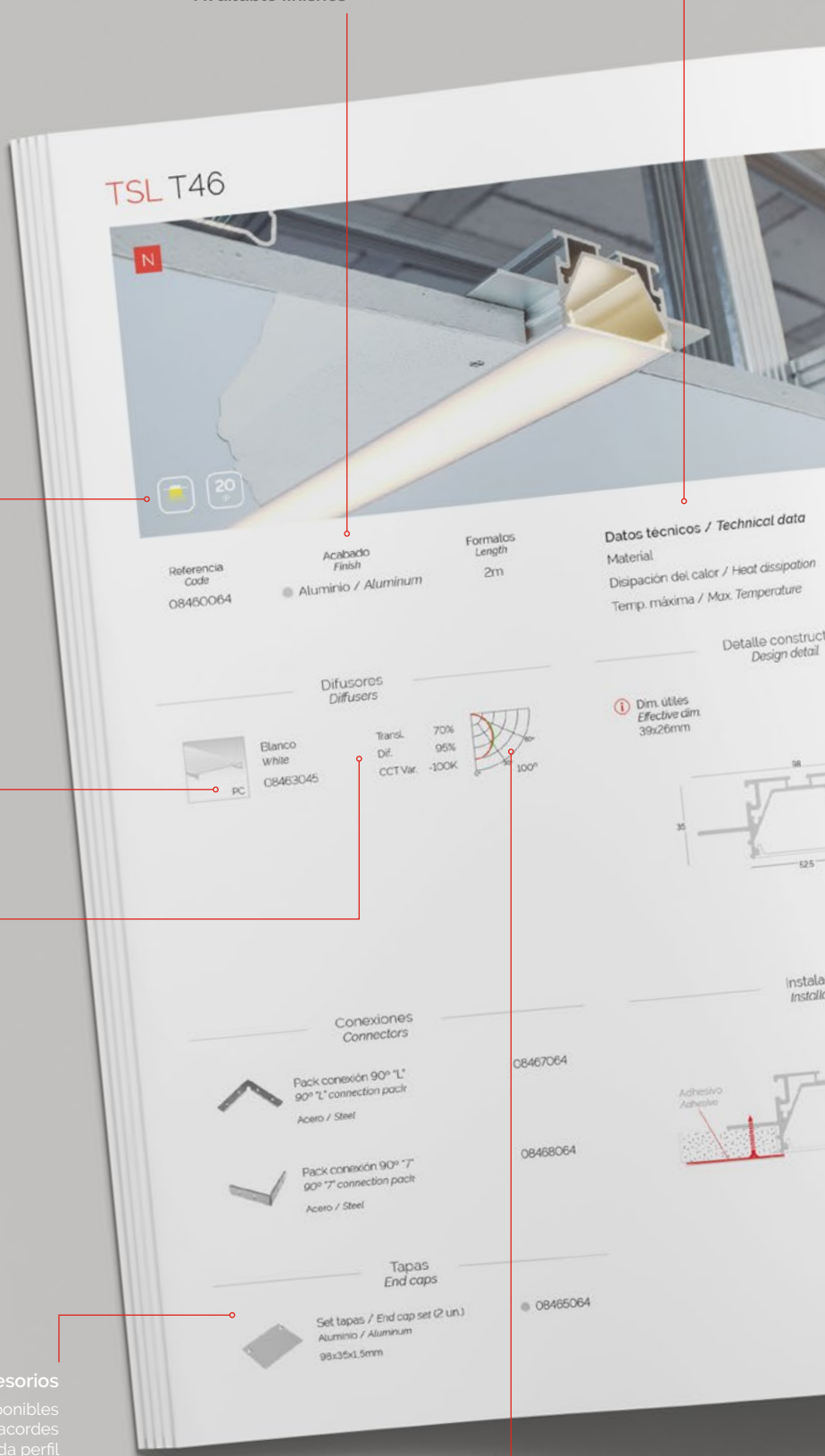
**Variación CCT**  
variación de la temperatura de color respecto a la tira led sin difusor.

**CCT variation**  
variation of the colour temperature with respect to the led strip without diffuser.

**Accesorios**  
Complementos disponibles con los acabados acordes para cada perfil

**Accessories**  
Available accessories with the finishes corresponding to each profile

Acabados disponibles  
*Available finishes*



*To guarantee the correct dissipation of the inside led strip.*



### Light angle and distribution

**ISTECSOLED**

NOVEDAD / NEW

# LITE 2.0 EVOLUTION

- Nuevas tapas  
*New end caps*



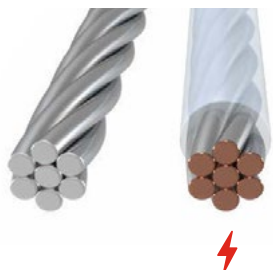
Tapas metálicas  
*Metal end caps*

Tornillos ocultos  
*Hidden screws*

Viseras antifugas  
*Anti light leakage baffle*

3 Acabados ● ○ ●  
*3 Finishes*

- Nuevos tensores  
*New pendant cables*



Tensor sencillo  
*Simple pendant cable*

Tensor alimentado  
*Power pendant cable*  
Standard (2u) - 10381000  
Curve (4u) - 10382000

- Nuevas fijaciones  
*New fastenings*



Más pequeñas y estilizadas  
*Smaller and slimmer*

Regulado en el techo  
*Ceiling height adjustment*

2 Acabados ● ●  
*2 Finishes*

## • Florones

*Ceiling canopy*



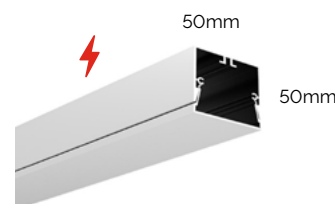
● 10376000



○ 10377000

Sencillos o con fuente de alimentación integrada.  
*Single or with integrated power supply.*

2/3 Acabados  
*2/3 Finishes*



● 10380000  
○ 10379000  
○ 10378000

## • Nuevos accesorios de sujeción

*New fastening accessories*



Descentralizador: Se utiliza para mover la caída de la luminaria colgante con respecto al florón o para enganchar un cable al techo.

*Decentraliser: Used to move the drop of the pendant luminaire relative to the rosette or to attach a cable to the ceiling.*

Con bloqueo de deslizamiento.  
*With slide lock.*

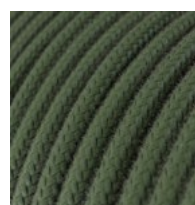
○ 10383000 ● 10384000

## • Cables textiles

*Textil cables*

Incorporamos nuevos cables textiles, tejido realizado 100% en Italia, están pensados para ser particularmente flexibles: utilizamos un PVC de alta calidad que evita la formación de bultos y pliegues. Todos nuestros cables están certificados IMQ-HAR.

*We have incorporated new textile cables, woven 100% in Italy, which are designed to be particularly flexible: we use a high quality PVC that prevents the formation of bulges and folds. All our cables are IMQ-HAR certified.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

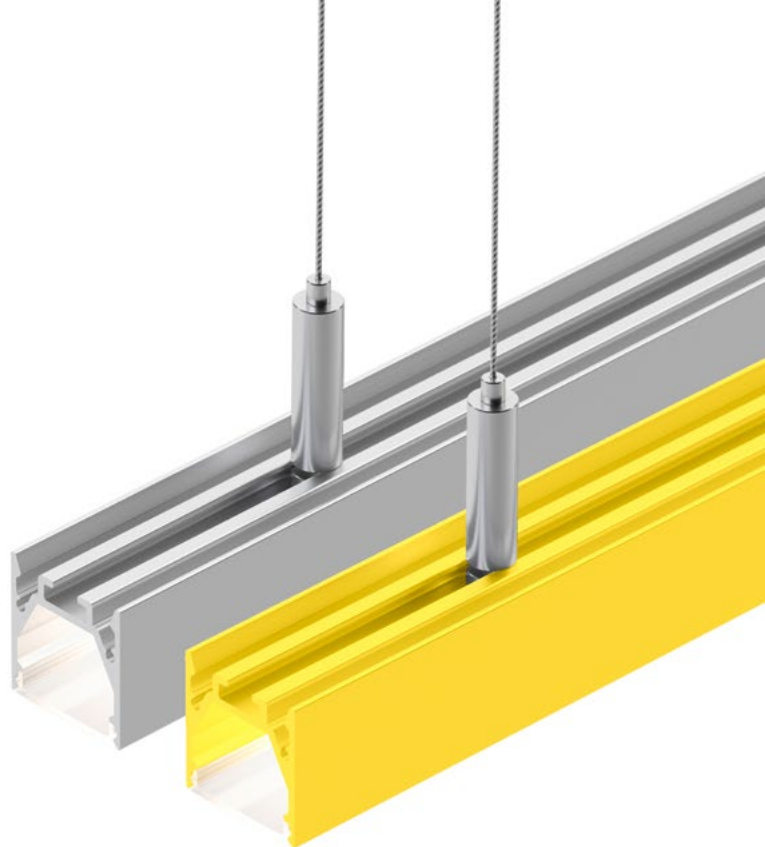
Fuen.  
PSU



# ¿Quieres lacar tus luminarias?

Do you want to lacquer your luminaires?

- Sabemos que la personalización es fundamental, por lo que existe la opción de lacar todos nuestros perfiles y luminarias con los colores que mejor realcen tus proyectos.
- *We know that customisation is essential, which explains why we offer the option of lacquering all our profiles and luminaires in the colours that best enhance your projects.*



¡Consulta con nuestro departamento comercial!

*Ask our commercial department!*



Disponemos de determinadas luminarias en stock, ya lacadas en blanco o negro para agilizar las entregas. Busca este símbolo.

*We have a selection of luminaires already lacquered in black and white in stock, in order to speed up deliveries. Look for this symbol!*



Personalizamos el lacado de las luminarias con el RAL solicitado. ¡Consulta con nuestro departamento comercial!

*We customise the colour of your luminaires with the requested RAL. Ask our commercial department!*

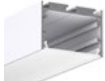
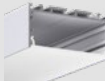
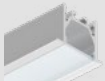
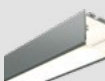
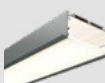
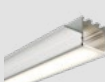
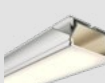
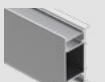


Recuerda que independientemente del largo de la luminaria, disponemos de un servicio de corte y manipulado a medida.

*Remember that we have a custom cut service, whatever the length of the luminaire.*

(Servicio de corte, manipulado y color personalizado también en perfiles)

*(Custom colouring, cutting and handling service for profiles too!)*

| Modelo<br>Model                                                                                          | Pág.<br>Page | Detalle<br>Detail                                                                   | Tamaño<br>Size |  Largo<br>Length | Instal.<br>Install.                                                                   |  Lacado stock<br>Lacquered stock | Acabado<br>Finish                                                                     |
|----------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| TSL P52<br>08460052                                                                                      | 282          |    | 25 x 25 mm     | 2 m                                                                                               |    |                                  |    |
|  TSL P52R<br>08460058   | 283          |    | 25,4 x 42,3 mm | 2 m                                                                                               |    |                                  |    |
|  TSL P18N<br>08460038   | 285          |    | 35 x 35 mm     | 2/3 m                                                                                             |    |                                  |    |
| TSL P46R<br>08460046                                                                                     | 287          |    | 50 x 35 mm     | 2 m                                                                                               |    |                                  |    |
| TSL P48R<br>08460048                                                                                     | 292          |    | 75 x 35 mm     | 2 m                                                                                               |    |                                  |    |
| TSL P28<br>08460028                                                                                      | 294          |    | 20,4 x 26,6 mm | 2 m                                                                                               |    |                                  |    |
| TSL P30<br>08460007                                                                                      | 295          |    | 30 x 30 mm     | 2 m                                                                                               |    |                                  |    |
| TSL P08<br>08460015                                                                                      | 296          |    | 21 x 21 mm     | 2 m                                                                                               |    |                                  |    |
| TSL E52<br>08460053                                                                                      | 298          |  | 25 x 25 mm     | 2 m                                                                                               |  |                                |  |
|  TSL E52R<br>08460059 | 299          |  | 25,4 x 40 mm   | 2 m                                                                                               |  |                                |  |
|  TSL E17N<br>08460039 | 300          |  | 35,2 x 32,7 mm | 2 m                                                                                               |  |                                |  |
| TSL E45R<br>08460045                                                                                     | 303          |  | 50 x 33,2 mm   | 2/3 m                                                                                             |  |                                |  |
|  TSL E47R<br>08460047 | 304          |  | 75 x 35 mm     | 2 m                                                                                               |  |                                |  |
|  TSL T52<br>08460061  | 306          |  | 25,4 x 25,4 mm | 2 m                                                                                               |  |                                |  |
|  TSL T18<br>08460063  | 307          |  | 35 x 32 mm     | 2 m                                                                                               |  |                                |  |
|  TSL T46<br>08460064  | 308          |  | 52,5 x 35 mm   | 2 m                                                                                               |  |                                |  |
|  TSL T48<br>08460065  | 310          |  | 75 x 39 mm     | 2 m                                                                                               |  |                                |  |
| TSL C16R<br>08460005                                                                                     | 312          |  | 30 x 30 mm     | 2 m                                                                                               |  |                                |  |
| TSL W49<br>08460049                                                                                      | 313          |  | 42,5 x 85 mm   | 2 m                                                                                               |  |                                |  |





# SUPERFICIE & COLGANTE

*SURFACE & PENDANT*





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460052           | ● Aluminio / Aluminum | 2m                 |
| 08460052N          | ● Negro / Black       | 2m                 |
| 08460052B          | ○ Blanco / White      | 2m                 |

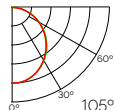
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

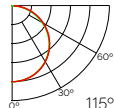
Blanco  
White  
08463052

TransL. 70%  
Dif. 85%  
CCT Var. -100K



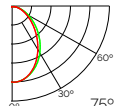
Blanco mate  
Mate white  
08461052/50M

TransL. 65%  
Dif. 100%  
CCT Var. -150K

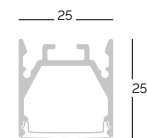


Black&White  
Black&White  
08462052

TransL. 50%  
Dif. 90%  
CCT Var. +25K



**i** Dim. útiles  
Effective dim.  
13,2x17,7mm

**Detalle constructivo  
Design detail****Sujecciones  
Mounting clips**

Sujección metálica  
Metal clip  
Acero / Steel

08466052



Set cables suspensión (2 un.)  
Pendant wires set (2 un.)  
Acero / Steel

2 m ● 08469901  
● 08469902  
5 m ● 08469903  
● 08469904

**Conexiones  
Connectors**

Conexión 90°  
90° connection  
Acero / Steel

08467018



Conexión 180°  
180° connection  
Acero / Steel

08469018

**Tapas  
End caps**

Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
25x25x1,5mm

● 08468052  
● 08468052N  
○ 08468052B



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460058           | ● Aluminio / Aluminum | 2m                 |
| 08460058N          | ● Negro / Black       | 2m                 |
| 08460058B          | ○ Blanco / White      | 2m                 |

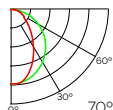
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

Blanco  
White

TransL. 70%  
Dif. 85%  
CCT Var. -100K

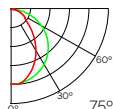


08463052



Blanco mate  
Mate white

TransL. 65%  
Dif. 100%  
CCT Var. -150K

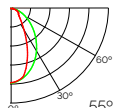


08461052/50M



Black&White  
Black&White

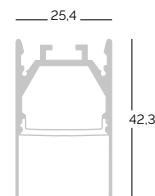
TransL. 50%  
Dif. 90%  
CCT Var. +25K



08462052

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
13,2x17,7mm

**Sujecciones  
Mounting clips**

Sujección metálica  
Metal clip  
Acero / Steel

08466052



Set cables suspensión (2 un.)  
Pendant wires set (2 un.)  
Acero / Steel

2 m ● 08469901  
● 08469902  
5 m ● 08469903  
● 08469904

**Conexiones  
Connectors**

Conexión 90°  
90° connection  
Acero / Steel

08467018



Conexión 180°  
180° connection  
Acero / Steel

08469018

**Tapas  
End caps**

Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
25x40,4x1,5mm

● 08466058  
● 08466058N  
○ 08466058B





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460038           | ● Aluminio / Aluminum | 2m/3m              |
| 08460038N          | ● Negro / Black       | 2m/3m              |
| 08460038B          | ○ Blanco / White      | 2m/3m              |

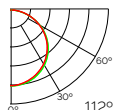
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

**Difusores  
Diffusers**

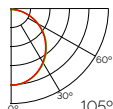
Blanco  
White  
08463018

TransL. 60%  
Dif. 100%  
CCT Var. -200K



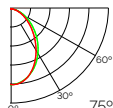
Blanco  
White  
08463018PC

TransL. 70%  
Dif. 95%  
CCT Var. -100K

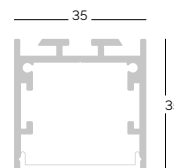


Black&White  
Black&White  
08461718

TransL. 50%  
Dif. 95%  
CCT Var. +25K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
24x26mm



**i** Disponible difusor opaco de aluminio.  
Blind aluminum cover available.  
Ref.: 08463035

**Sujecciones  
Mounting clips**

Sujección metálica  
Metal clip  
Acero / Steel

08461318



Set cables suspensión (2 un.)  
Pendant wires set (2 un.)  
Acero / Steel

2 m ● 08469901  
● 08469902  
5 m ● 08469903  
● 08469904

**Conexiones  
Connectors**

Pack conexión 90°  
90° connection pack  
Acero / Steel

08461518



Pack conexión 180°  
180° connection pack  
Acero / Steel

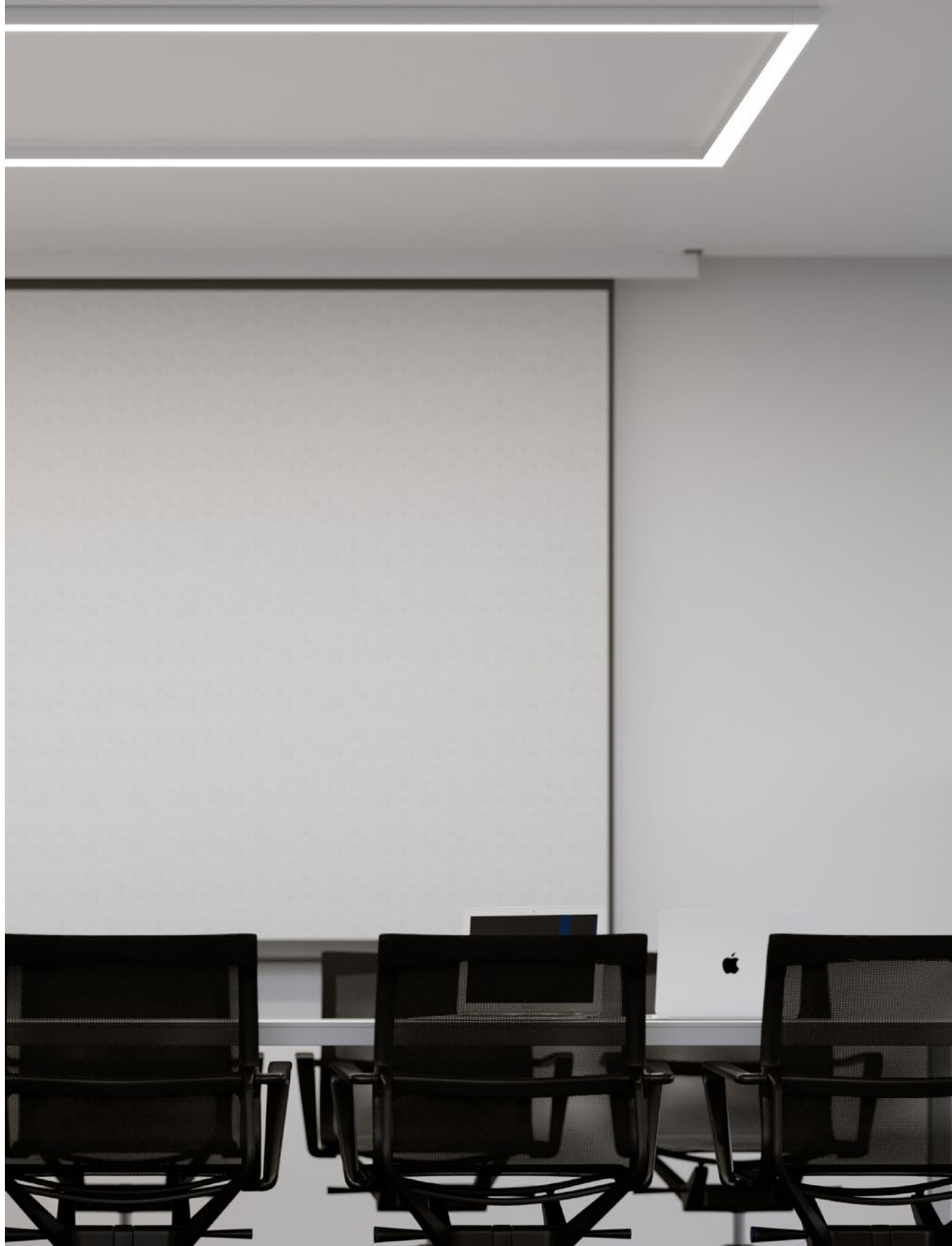
08461618

**Tapas  
End caps**

Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
35x35x1,5mm

● 08466038  
● 08466038N  
○ 08466038B





Referencia  
CodeAcabado  
FinishFormatos  
Length

## Datos técnicos / Technical data

08460046

● Aluminio / Aluminum

2m

Material

AL6063-T5

08460046N

● Negro / Black

2m

Disipación del calor / Heat dissipation

36W/m

08460046B

○ Blanco / White

2m

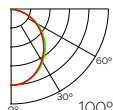
Temp. máxima / Max. Temperature

45°C

Difusores  
DiffusersDetalle constructivo  
Design detailBlanco  
WhiteTransL.  
Dif.70%  
95%

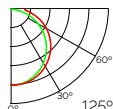
08463045

CCT Var. -100K

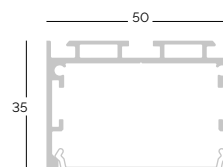
Blanco relieve  
White embossedTransL.  
Dif.65%  
100%

08463046

CCT Var. -100K



**i** Dim. útiles  
Effective dim.  
39x26mm

Sujecciones  
Mounting clipsSujección metálica  
Metal clip

Acero / Steel

08466046

Set cables suspensión (2 un.)  
Pendant wires set (2 un.)

Acero / Steel

2 m ● 08469901  
● 08469902  
5 m ● 08469903  
● 08469904

Conexiones  
ConnectorsPack conexión 90°  
90° connection pack

Acero / Steel

08461518

Pack conexión 180°  
180° connection pack

Acero / Steel

08461618

Tapas  
End capsSet tapas / End cap set (2 un.)  
Aluminio / Aluminum  
50x35x1,5mm

● 08467046  
● 08467046N  
○ 08467046B

Relieve / Embossed  
Aluminio / Aluminum  
50x50x1,5mm

● 08465046D  
● 08465046DN  
○ 08465046DB



# COLOCAR & LISTO

READY-MADE

**LS7** TECSOLE

Acabado garantizado, nos encanta hacerlo por ti  
*Guaranteed finish. We love to do it for you.*



- Servicio de corte y manipulado de tiras  
*Strip cutting and handling service*

La medida de tira justa con el tipo y longitud de cable adecuado en función de tus necesidades.

*The right strip length with the appropriate type and length of wire for your needs.*

- Tus perfiles y luminarias listas para colocar  
*Your profiles and luminaires, ready to install*

La fuente luminosa adecuada ya preinstalada, con el cableado y los accesorios correspondientes. Las formas y medidas justas con el nivel de protección óptimo y el color personalizado.

*The appropriate light source already pre-installed, with the corresponding cabling and accessories. The precise shape and dimensions, with the optimal protection level and customised colour.*



NOVEDAD / NEW

SERIE 52

La luminaria más prometedora de la familia Lite convertida en la serie más completa.

The most promising luminaire of the LITE family has become the most complete series.

TSL P52  
08460052

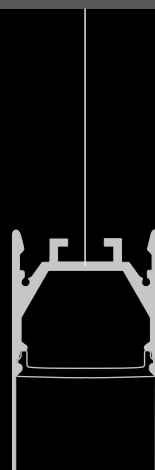
N TSL P52R  
08460058



Líneas sencillas  
*Simple lines*

Proporciones discretas

*Discreet proportions*



Efecto antideslumbramiento

*Anti-glare effect*



**Difusor flexible / Flexible diffuser**

50 m de difusor flexible, extra largo. Pensado para grandes proyectos.

*50 m of flexible diffuser, extra long. Designed for large projects.*



**Difusor B&W / Black & White Diffuser**

Luminoso encendido, discreto apagado.

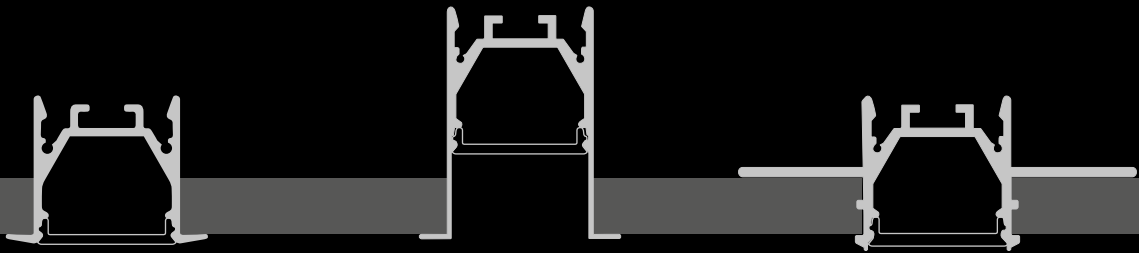
*Bright on, discreet off*

# LITE 2.0 EVOLUTION

**TSL E52**  
08460053

**N TSL E52R**  
08460059

**N TSL T52**  
08460061



Las aletas son el recurso ideal cuando el material no permite cortes perfectos

*Bezels are ideal when the material does not allow for perfect cuts*

Efecto antideslumbramiento

*Anti-glare effect*

Trimless:  
*Especial falso techo*

*Trimless: Specially for false ceilings*

Permite realizar líneas discretas

*Discreet lines can be created*

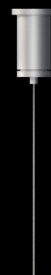
**N**



## Nuevas Tapas / New end caps

Tapas metálicas con tornillería oculta y viseras antifugas.

*Metallic end caps with hidden screws and light leakage visors.*



**N**

## Nuevos tensores / New tensors

Más pequeños y estilizados, regulado en el techo y con posibilidad de cable alimentado.

*Smaller and slimmer, ceiling regulated and with the possibility of a powered cable.*



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460048           | ● Aluminio / Aluminum | 2m                 |
| 08460048N          | ● Negro / Black       | 2m                 |
| 08460048B          | ○ Blanco / White      | 2m                 |

## Datos técnicos / Technical data

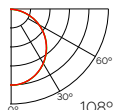
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 42W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



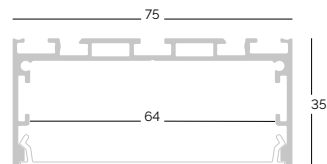
Blanco  
White  
08463048

TransL. 70%  
Dif. 95%  
CCT Var. -100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
64x26mm



## Sujecciones Mounting clips



Sujección metálica  
Metal clip  
Acero / Steel

08466046



Set cables suspensión (2 un.)  
Pendant wires set (2 un.)  
Acero / Steel

2 m ● 08469901  
● 08469902  
5 m ● 08469903  
● 08469904

## Conexiones Connectors



Pack conexión 90°  
90° connection pack  
Acero / Steel

08461518



Pack conexión 180°  
180° connection pack  
Acero / Steel

08461618

## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
75x35x1.5mm

● 08466048  
● 08466048N  
○ 08466048B



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

LSI TECSOLEO





| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460028           | ● Aluminio / Aluminum | 2m                 |
| 08460028N          | ● Negro / Black       | 2m                 |
| 08460028B          | ○ Blanco / White      | 2m                 |

## Datos técnicos / Technical data

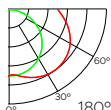
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



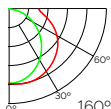
Blanco  
White  
08463028

TransL. 60%  
Dif. 100%  
CCT Var. -200K



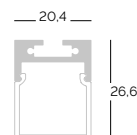
Blanco  
White  
08463028PC

TransL. 70%  
Dif. 90%  
CCT Var. -100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
16,6x20mm



## Sujecciones Mounting clips



Sujección metálica  
Metal clip  
Acero / Steel

08467028



Set cables suspensión (2 un.)  
Pendant wires set (2 un.)  
Acero / Steel

2 m ● 08469901  
● 08469902  
5 m ● 08469903  
● 08469904

## Conexiones Connectors



Conexión 90°  
90° connection  
Acero / Steel

08467018



Conexión 180°  
180° connection  
Acero / Steel

08469018

## Tapas End caps



Con pasacable / With hole  
Plástico / Plastic  
20,4X26,64x1,9mm

● 08464028  
● 08464028N  
○ 08464028B



Sin pasacable / Without hole  
Plástico / Plastic  
20,4X26,64x1,9mm

● 08465028  
● 08465028N  
○ 08465028B



Referencia  
Code

08460007

Acabado  
Finish

● Aluminio / Aluminum

Formatos  
Length

2m

Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

14W/m

Temp. máxima / Max. Temperature

45°C

Difusores  
Diffusers



Blanco  
White

53463007

TransL.

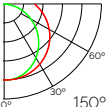
70%

Dif.

70%

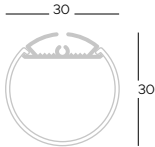
CCT Var.

-110K



Detalle constructivo  
Design detail

**i** Dim. útiles  
Effective dim.  
21x14mm



Sujeciones  
Mounting clips



Set cables suspensión (2 un.)  
Pendant wires set (2 un.)

Acero / Steel

2 m

● 08469901

● 08469902

5 m

● 08469903

● 08469904

Tapas  
End caps



Con pasacable / With hole  
Plástico / Plastic  
Ø30x7,9mm

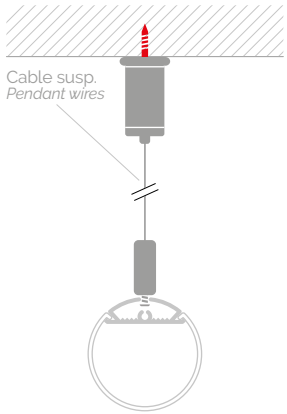
53464007



Sin pasacable / Without hole  
Plástico / Plastic  
Ø30x7,9mm

53465007

Instalación  
Installation



SUPERFICIE & COLGANTE / SURFACE & PENDANT

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460015           | ● Aluminio / Aluminum | 2m                 |
| 08460015N          | ● Negro / Black       | 2m                 |
| 08460015B          | ○ Blanco / White      | 2m                 |

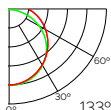
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 14W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

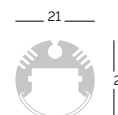
**Difusores  
Diffusers**

Blanco  
White  
08463015

Transl. 70%  
Dif. 100%  
CCT Var. -225K

**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
12,2x6mm

**Sujecciones  
Mounting clips**

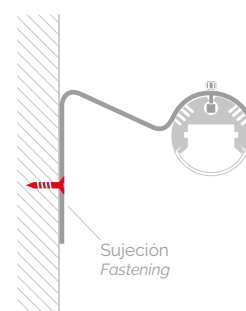
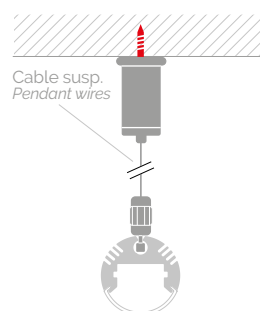
Cable suspensión  
Pendant wires  
Acero / Steel

08466015



Sujección pared  
Wall mounted clip  
Acero / Steel

08467015

**Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
Ø21x1,9mm

● 08464015  
● 08464015N  
○ 08464015B



Sin pasacable / Without hole  
Plástico / Plastic  
Ø21x1,9mm

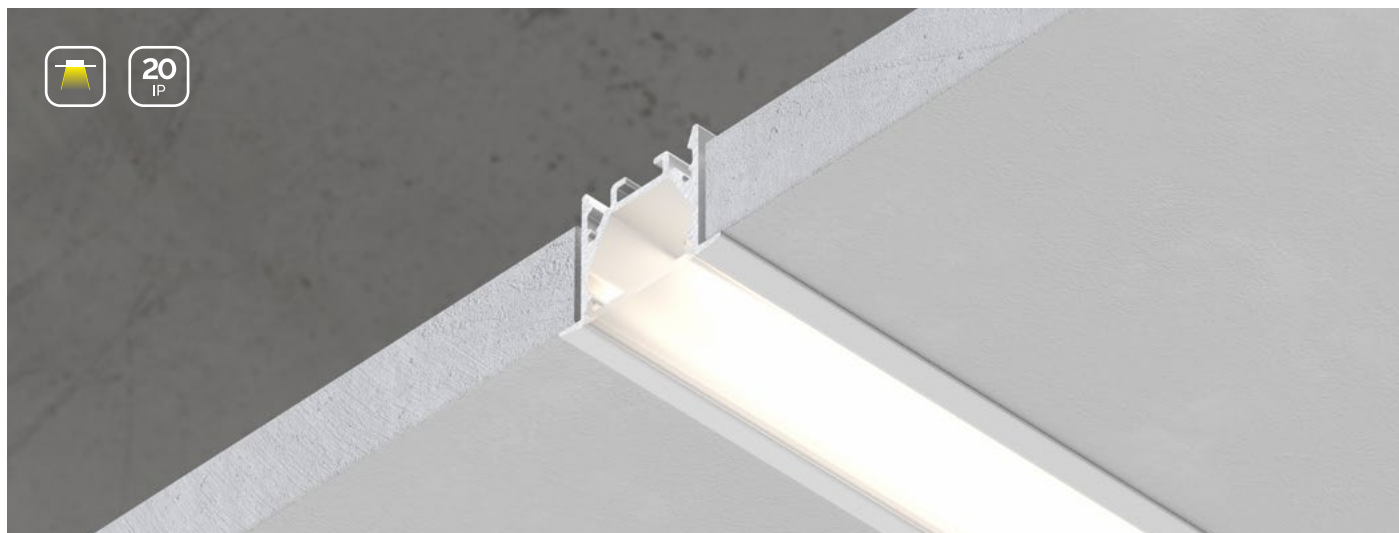
● 08465015  
● 08465015N  
○ 08465015B

# EMPOTRABLES

*RECESSED*



# TSL E52



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460053           | ● Aluminio / Aluminum | 2m                 |
| 08460053N          | ● Negro / Black       | 2m                 |
| 08460053B          | ○ Blanco / White      | 2m                 |

## Datos técnicos / Technical data

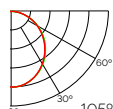
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



Blanco  
White

TransL. 70%  
Dif. 85%  
CCT Var. -100K

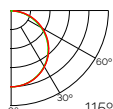


08463052



Blanco mate  
Mate white

TransL. 65%  
Dif. 100%  
CCT Var. -150K

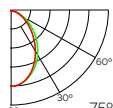


08461052/50M



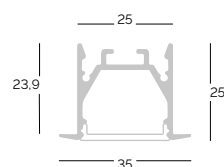
Black&White  
Black&White

TransL. 50%  
Dif. 90%  
CCT Var. +25K



08462052

**i** Dim. útiles  
Effective dim.  
13,2x17,7mm



## Sujecciones Mounting clips



Clip metálico  
Recessed spring  
Acero / Steel

08466053

## Conexiones Connectors



Conexión 90°  
90° connection  
Acero / Steel

08467018



Conexión 180°  
180° connection  
Acero / Steel

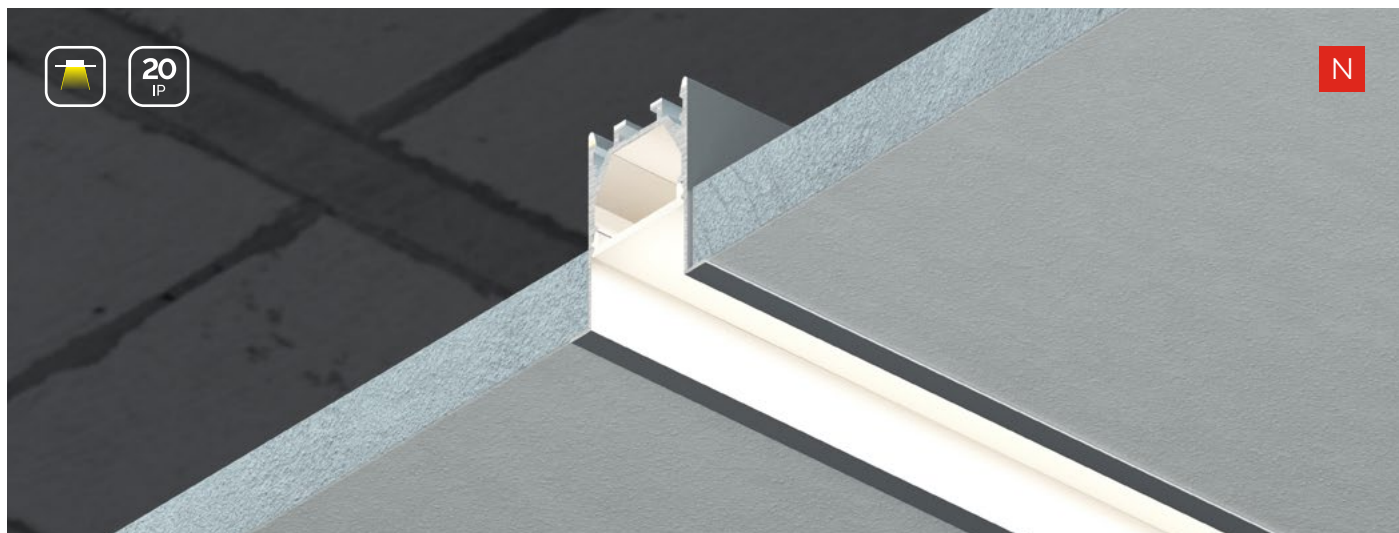
08469018

## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
35x25x1,5mm

● 08467053  
● 08467053N  
○ 08467053B



N

EMPOTRABLES / RECESSED

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460059           | ● Aluminio / Aluminum | 2m                 |
| 08460059N          | ● Negro / Black       | 2m                 |
| 08460059B          | ○ Blanco / White      | 2m                 |

## Datos técnicos / Technical data

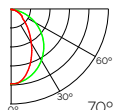
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



Blanco  
White

TransL. 70%  
Dif. 85%  
CCT Var. -100K

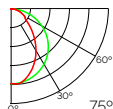


08463052



Blanco mate  
Mate white

TransL. 65%  
Dif. 100%  
CCT Var. -150K

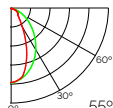


08461052/50M



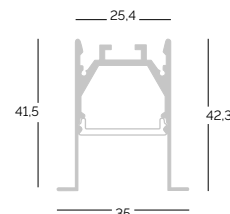
Black&White  
Black&White

TransL. 50%  
Dif. 90%  
CCT Var. +25K



08462052

**i** Dim. útiles  
Effective dim.  
13,2x17,7mm



## Detalle constructivo Design detail

## Sujecciones Mounting clips



Clip metálico  
Recessed spring

Acero / Steel

08466059

## Conexiones Connectors



Conexión 90°  
90° connection

Acero / Steel

08467018



Conexión 180°  
180° connection

Acero / Steel

08469018

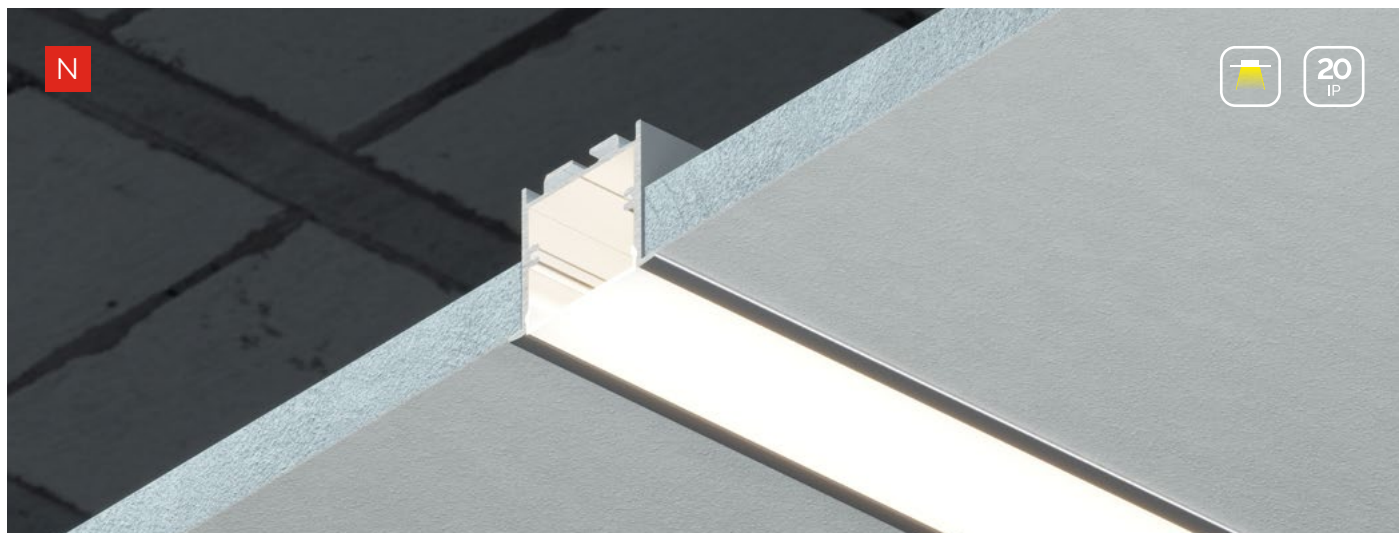
## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
35x40,4x1,5mm

● 08467059  
● 08467059N  
○ 08467059B

# TSL E17N



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460039           | ● Aluminio / Aluminum | 2m                 |
| 08460039N          | ● Negro / Black       | 2m                 |
| 08460039B          | ○ Blanco / White      | 2m                 |

## Datos técnicos / Technical data

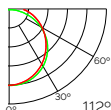
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



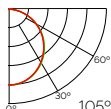
Blanco  
White  
08463018

TransL. 60%  
Dif. 100%  
CCT Var. -200K



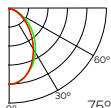
Blanco  
White  
08463018PC

TransL. 70%  
Dif. 95%  
CCT Var. -100K



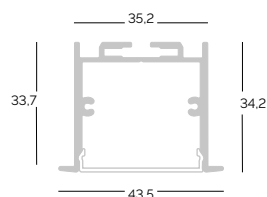
Black&White  
Black&White  
08461718

TransL. 50%  
Dif. 95%  
CCT Var. +25K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
24x26mm



**i** Disponible difusor opaco de aluminio.  
Blind aluminum cover available.  
Ref.: 08463035

## Sujecciones Mounting clips



Clip metálico  
Recessed spring  
Acero / Steel

08466059

## Conexiones Connectors



Pack conexión 90°  
90° connection pack  
Acero / Steel

08461518



Pack conexión 180°  
180° connection pack  
Acero / Steel

08461618

## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
44x31x1mm

● 08465039  
● 08465039N  
○ 08465039B



LSI

EMPOTRABLES / RECESSED

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

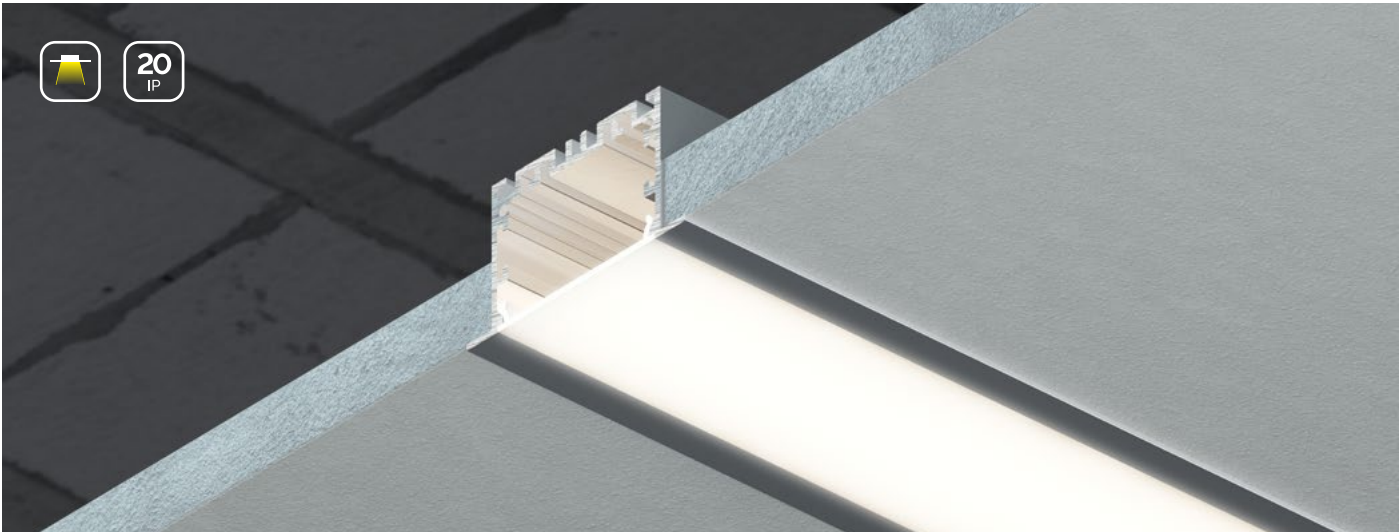
Fuen.  
PSU





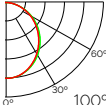
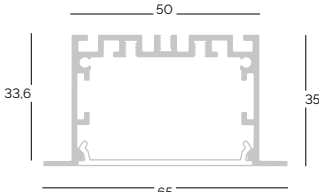
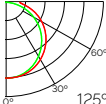


TSL E45R



EMPOTRABLES / RECESSED

| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460045           | ● Aluminio / Aluminum | 2m/3m              | Material                                | AL6063-T5 |
| 08460045N          | ● Negro / Black       | 2m/3m              | Disipación del calor / Heat dissipation | 36W/m     |
| 08460045B          | ○ Blanco / White      | 2m/3m              | Temp. máxima / Max. Temperature         | 45°C      |

| Difusores<br>Diffusers                                                              |                                  |                                            | Detalle constructivo<br>Design detail                                               |                                                                                       |
|-------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  | Blanco<br>White                  | Transl. 70%<br>Dif. 95%<br>CCT Var. -100K  |  |  |
| 08463045                                                                            |                                  |                                            |                                                                                     |                                                                                       |
|  | Blanco relieve<br>White embossed | Transl. 65%<br>Dif. 100%<br>CCT Var. -100K |  |                                                                                       |
| 08463046                                                                            |                                  |                                            |                                                                                     |                                                                                       |

**i** Dim. útiles  
Effective dim.  
39x26mm

| Sujecciones<br>Mounting clips                                                       |                                                                            |          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------|
|  | Set clip metálicos (2 un.)<br>Recessed spring set (2 un.)<br>Acero / Steel | 08461845 |

| Conexiones<br>Connectors                                                            |                                                             |          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------|----------|
|  | Pack conexión 90°<br>90° connection pack<br>Acero / Steel   | 08461518 |
|  | Pack conexión 180°<br>180° connection pack<br>Acero / Steel | 08461618 |

| Tapas<br>End caps                                                                   |                                                                       |                                             |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------|
|  | Set tapas / End cap set (2 un.)<br>Aluminio / Aluminum<br>65x35x1.5mm | ● 08461745<br>● 08461745N<br>○ 08461745B    |
|  | Relieve / Embossed<br>Aluminio / Aluminum<br>65x50x1.5mm              | ● 08465045D<br>● 08465045DN<br>○ 08465045DB |

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

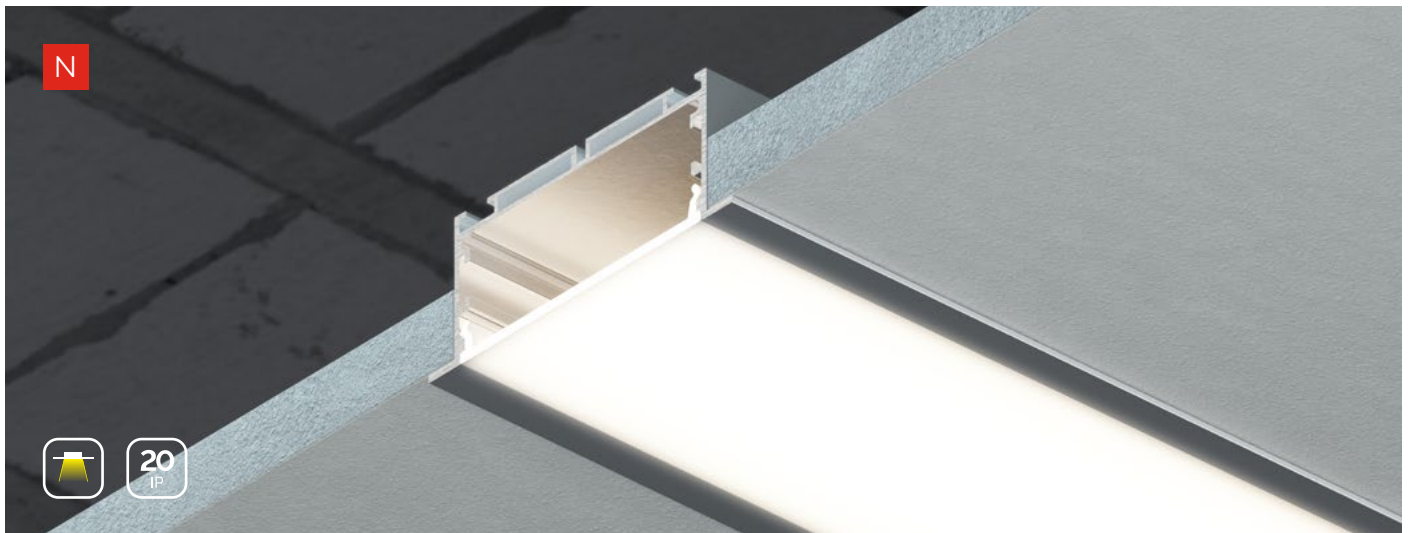
Deco.

Mod.

Cont.

Fuen.  
PSU

# TSL E47R



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460047           | ● Aluminio / Aluminum | 2m                 |
| 08460047N          | ● Negro / Black       | 2m                 |
| 08460047B          | ○ Blanco / White      | 2m                 |

## Datos técnicos / Technical data

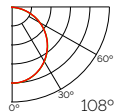
|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 42W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

## Difusores Diffusers



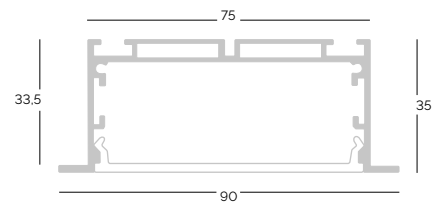
Blanco  
White  
08463048

Transl. 70%  
Dif. 95%  
CCT Var. -100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
64x26mm



## Sujecciones Mounting clips



Set clip metálicos (2 un.)  
Recessed spring set (2 un.)  
Acero / Steel

08468047

## Conexiones Connectors



Pack conexión 90°  
90° connection pack  
Acero / Steel

08461518



Pack conexión 180°  
180° connection pack  
Acero / Steel

08461618

## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
90x35x1.5mm

● 08467047  
● 08467047N  
○ 08467047B

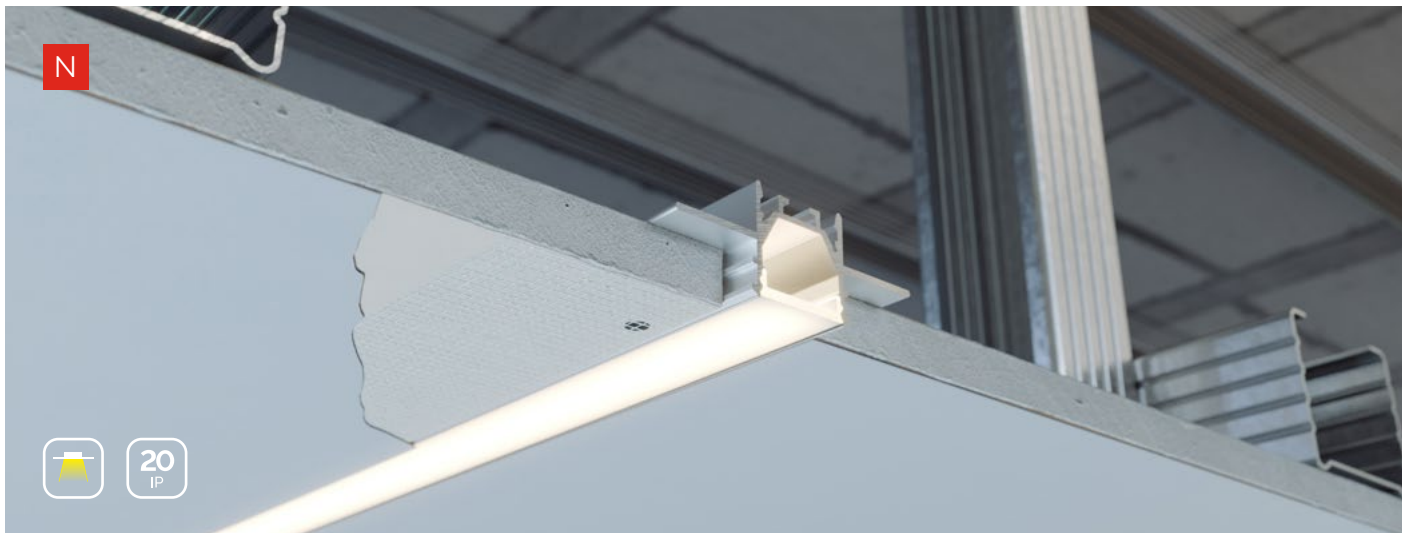


# TRIMLESS

LUMINARIAS / LUMINAIRES 



# TSL T52



Referencia  
Code

08460061

Acabado  
Finish

● Aluminio / Aluminum

Formatos  
Length

2m

## Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

28W/m

Temp. máxima / Max. Temperature

45°C

## Difusores Diffusers



Blanco  
White

08463052

TransL.

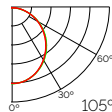
70%

Dif.

85%

CCT Var.

-100K



Blanco mate  
Mate white

08461052/50M

TransL.

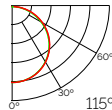
65%

Dif.

100%

CCT Var.

-150K



Black&White  
Black&White

08462052

TransL.

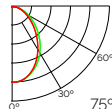
50%

Dif.

90%

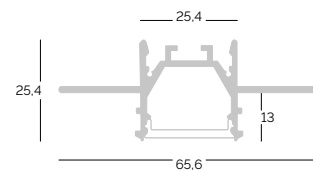
CCT Var.

+25K



**i** Dim. útiles  
Effective dim.  
13,2x17,7mm

## Detalle constructivo Design detail



## Conexiones Connectors



Conexión 90° "L"  
90° "L" connection

Acero / Steel

08467018

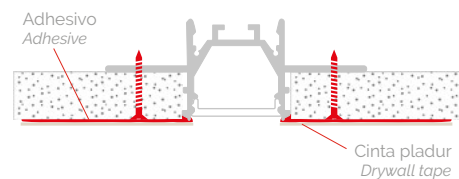


Conexión 90° "7"  
90° "7" connection

Acero / Steel

08469018

## Instalación Installation

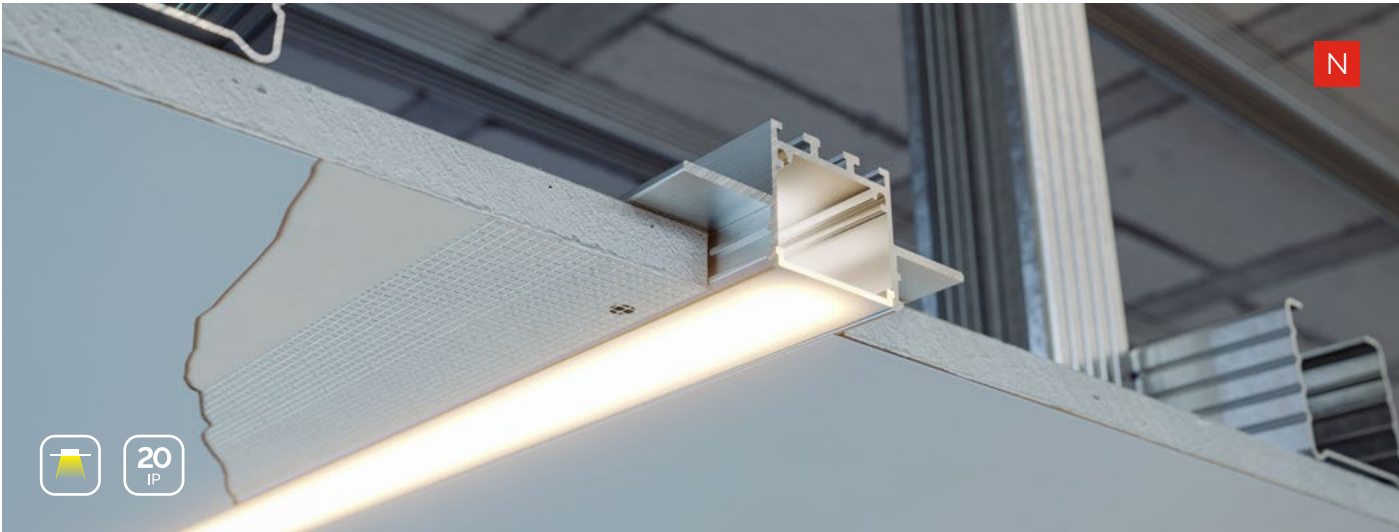


## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
25x25x1,5mm

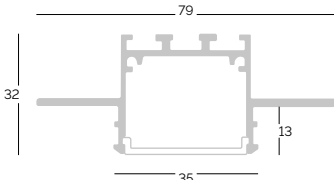
● 08465061



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length | Datos técnicos / Technical data         |           |
|--------------------|-----------------------|--------------------|-----------------------------------------|-----------|
| 08460063           | ● Aluminio / Aluminum | 2m                 | Material                                | AL6063-T5 |
|                    |                       |                    | Disipación del calor / Heat dissipation | 28W/m     |
|                    |                       |                    | Temp. máxima / Max. Temperature         | 45°C      |

Tira  
Strip

| Difusores<br>Diffusers                                                              |                            |             |           |                |
|-------------------------------------------------------------------------------------|----------------------------|-------------|-----------|----------------|
|  | Blanco<br>White            | TransL. 60% | Dif. 100% | CCT Var. -100K |
| PMMA                                                                                | 08463018                   |             |           |                |
|  | Blanco<br>White            | TransL. 70% | Dif. 95%  | CCT Var. -150K |
| PC                                                                                  | 08463018PC                 |             |           |                |
|  | Black&White<br>Black&White | TransL. 50% | Dif. 95%  | CCT Var. +25K  |
| PMMA                                                                                | 08461718                   |             |           |                |

| Detalle constructivo<br>Design detail                                                |                                                            |
|--------------------------------------------------------------------------------------|------------------------------------------------------------|
|  | <p><b>i</b> Dim. útiles<br/>Effective dim.<br/>24x26mm</p> |

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

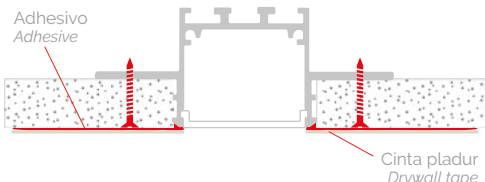
Lite

Pro

Work

Curve

| Conexiones<br>Connectors                                                            |                                        |          |
|-------------------------------------------------------------------------------------|----------------------------------------|----------|
|  | Conexión 90° "L"<br>90° "L" connection | 08467018 |
|                                                                                     | Acero / Steel                          |          |
|  | Conexión 90° "T"<br>90° "T" connection | 08461618 |
|                                                                                     | Acero / Steel                          |          |

| Instalación<br>Installation                                                          |  |
|--------------------------------------------------------------------------------------|--|
|  |  |

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

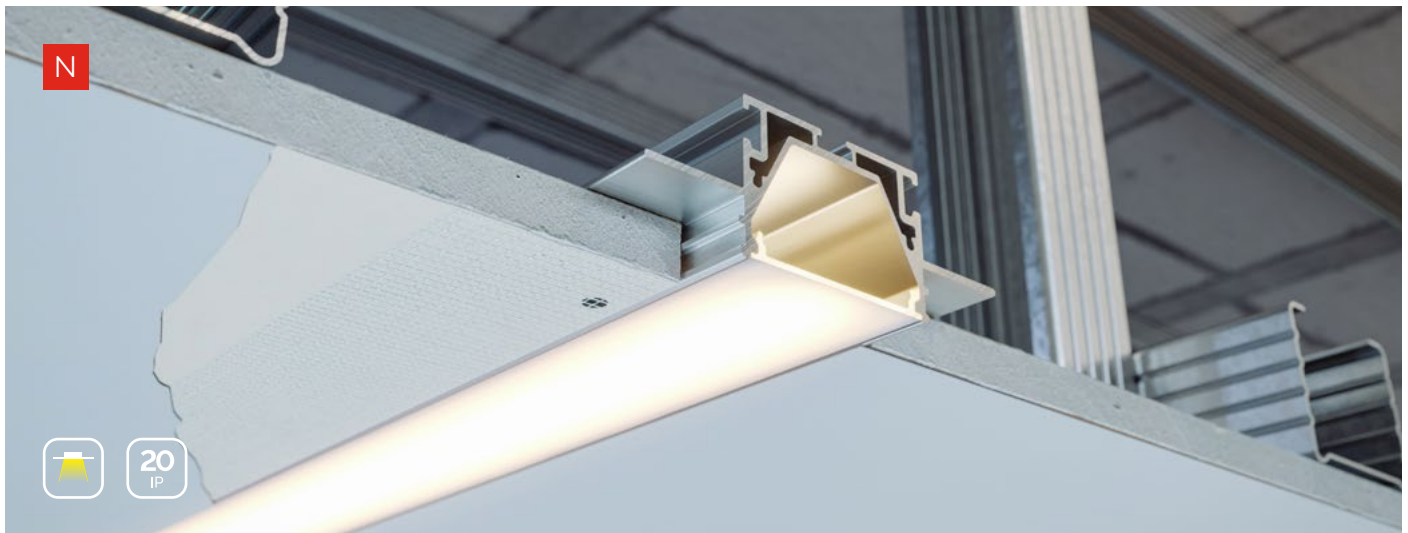
Mod.

| Tapas<br>End caps                                                                   |                                                        |            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------|------------|
|  | Set tapas / End cap set (2 un.)<br>Aluminio / Aluminum | ● 08465063 |
|                                                                                     | 79x32x1.5mm                                            |            |

Cont.

Fuen.  
PSU

# TSL T46



Referencia  
Code

08460064

Acabado  
Finish

● Aluminio / Aluminum

Formatos  
Length

2m

## Datos técnicos / Technical data

Material

AL6063-T5

Disipación del calor / Heat dissipation

36W/m

Temp. máxima / Max. Temperature

45°C

## Difusores Diffusers



Blanco  
White

08463045

TransL

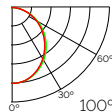
70%

Dif.

95%

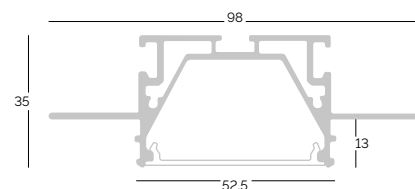
CCT Var.

-100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
39x26mm



## Conexiones Connectors



Pack conexión 90° "L"  
90° "L" connection pack

Acero / Steel

08467064

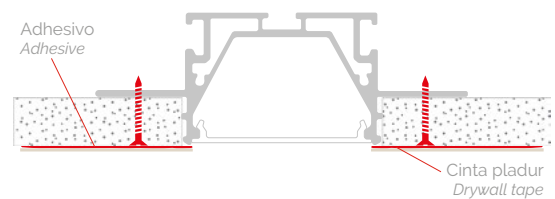


Pack conexión 90° "7"  
90° "7" connection pack

Acero / Steel

08468064

## Instalación Installation



## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
98x35x1.5mm

● 08465064



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# TSL T48



Referencia  
Code  
08460065

Acabado  
Finish  
● Aluminio / Aluminum

Formatos  
Length  
2m

## Datos técnicos / Technical data

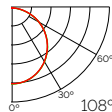
Material AL6063-T5  
Disipación del calor / Heat dissipation 42W/m  
Temp. máxima / Max. Temperature 45°C

## Difusores Diffusers



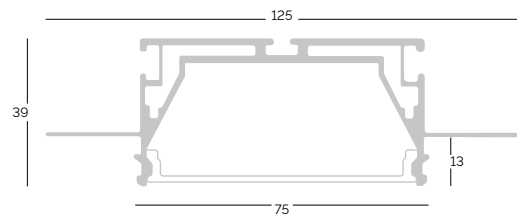
Blanco  
White  
08463048

TransL. 70%  
Dif. 95%  
CCT Var. -100K



## Detalle constructivo Design detail

**i** Dim. útiles  
Effective dim.  
64x26mm



## Conexiones Connectors



Pack conexión 90° "L"  
90° "L" connection pack  
Acero / Steel

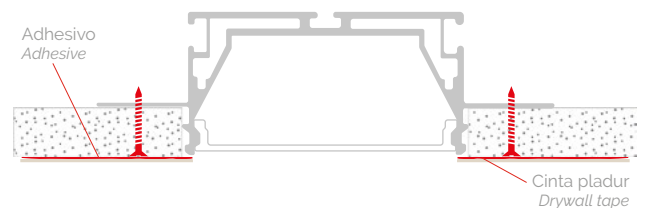
08467064



Pack conexión 90° "7"  
90° "7" connection pack  
Acero / Steel

08468064

## Instalación Installation



## Tapas End caps



Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
125x39x1,5mm

● 08465065



# ESQUINA & PARED

CORNER & WALL



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460005           | ● Aluminio / Aluminum | 2m                 |
| 08460005N          | ● Negro / Black       | 2m                 |
| 08460005B          | ○ Blanco / White      | 2m                 |

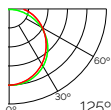
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 28W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

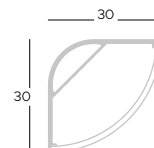
**Difusores  
Diffusers**

Blanco  
White  
08463005

TransL. 60%  
Dif. 100%  
CCT Var. -300K

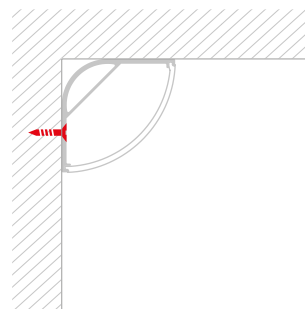
**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
20,2x12mm

**Conexiones  
Connectors**

Conexión 90°  
90° connection  
Plástico / Plastic

08467005

**Instalación  
Installation****Tapas  
End caps**

Con pasacable / With hole  
Plástico / Plastic  
30x30x1,5mm

● 08464005



Sin pasacable / Without hole  
Plástico / Plastic  
30x30x1,5mm

● 08465005



| Referencia<br>Code | Acabado<br>Finish     | Formatos<br>Length |
|--------------------|-----------------------|--------------------|
| 08460049           | ● Aluminio / Aluminum | 2m                 |
| 08460049N          | ● Negro / Black       | 2m                 |
| 08460049B          | ○ Blanco / White      | 2m                 |

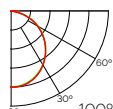
**Datos técnicos / Technical data**

|                                         |           |
|-----------------------------------------|-----------|
| Material                                | AL6063-T5 |
| Disipación del calor / Heat dissipation | 42W/m     |
| Temp. máxima / Max. Temperature         | 45°C      |

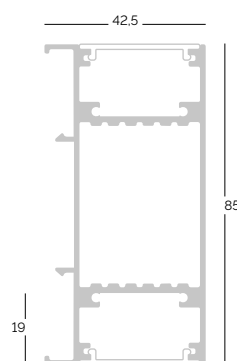
**Difusores  
Diffusers**

Blanco  
White  
08463049

TransL. 70%  
Dif. 90%  
CCT Var. -75K

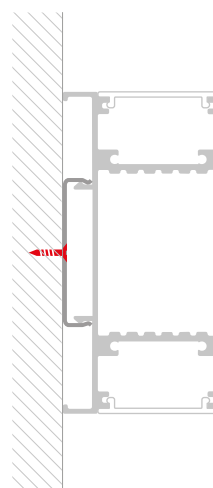
**Detalle constructivo  
Design detail**

**i** Dim. útiles  
Effective dim.  
21x19mm

**Sujeciones  
Mounting clips**

Sujección metálica  
Metal clip  
Acero / Steel

08466049

**Instalación  
Installation****Tapas  
End caps**

Set tapas / End cap set (2 un.)  
Aluminio / Aluminum  
42.5x85x2mm

● 08467049  
● 08467049N  
○ 08467049B

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





**IS7** LUMINARIAS / LUMINAIRES

# PRO

Con **PRO** rompemos las normas de la evolución de producto para dar un **salto cualitativo**. Las luminarias PRO son el fruto del trabajo de un **equipo de diseñadores** con conceptos muy claros sobre las posibles mejoras concebidas en toda una familia y no en productos individuales. La **integración** de fuentes lumínicas y de alimentación como norma, la **facilidad de montaje** e instalación, el cuidado **acabado estético**, las posibilidades de **ensamblado** y la **calidad** de cada uno de los componentes definen las bases de este trabajo.

*With **PRO**, we break the rules of product evolution to take a **qualitative leap**. PRO luminaires are the result of work undertaken by a **team of designers** with very clear concepts on potential improvements conceived for an entire family and not just individual products. **The integration** of sources of light and power as a rule, the **easy assembly** and installation, the meticulous **aesthetic finish**, the **assembly** possibilities and the **quality** of each component are the fundamentals of this work.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

**Pro**

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

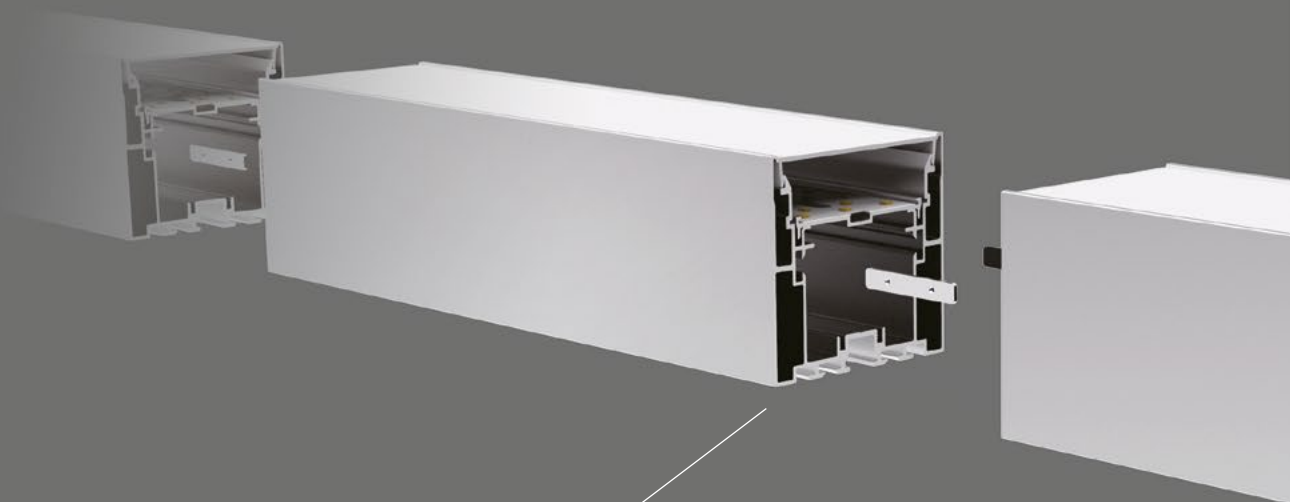
Mod.

Cont.

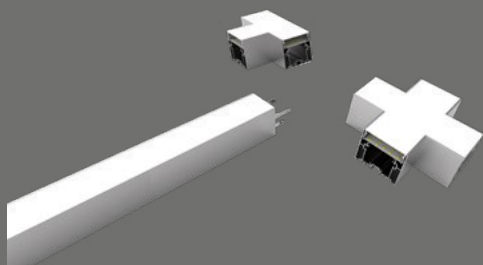
Fuen.  
PSU

# LUMINARIAS PRO

LUMINAIRES



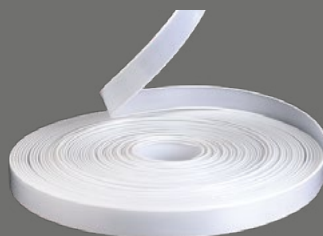
Conexiones y pletinas  
*Connections and decks*



Los accesorios de interconexión permiten personalizar al máximo las luminarias consiguiendo conexiones homogéneas con un diseño atractivo.

*Interconnection accessories allow full customization of luminaires, achieving homogeneous connections with an attractive design.*

Difusor flexible  
*Flexible diffuser*



Algunos modelos incorporan un tipo de difusor flexible de 50 m que permite una instalación ultralarga sin cortes visibles.

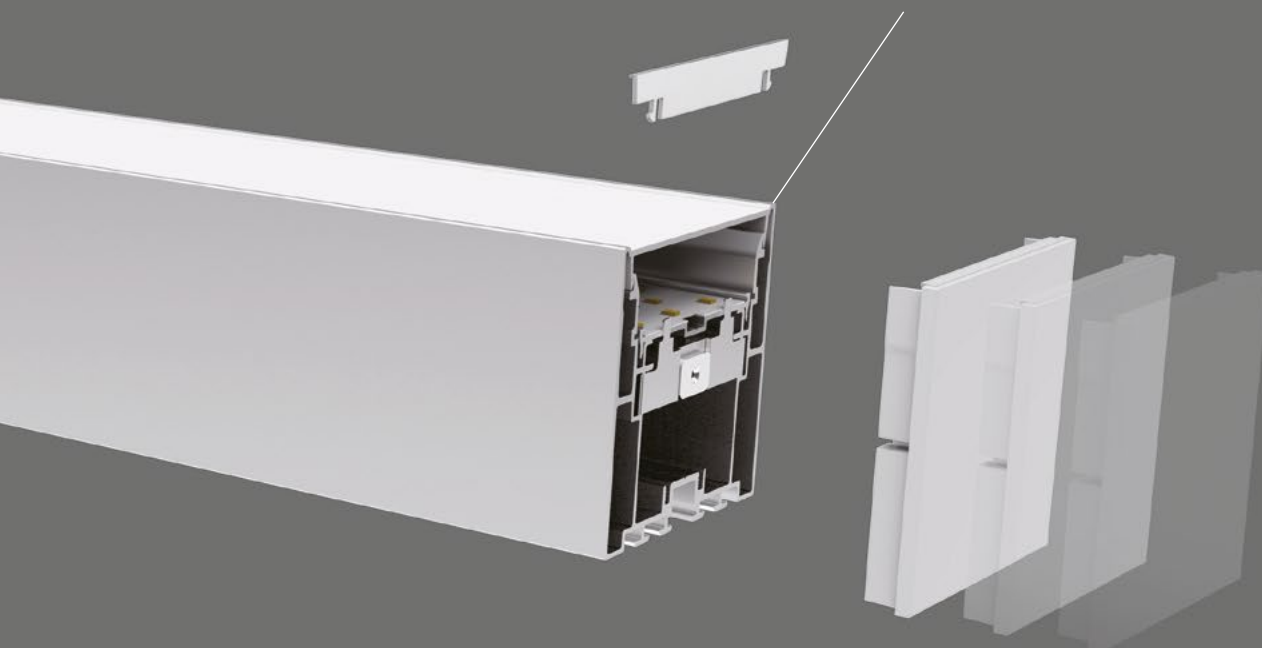
*Some models include a 50 m flexible type of diffuser that allows an ultra-long installation without visible cuts.*

## Tapas finales magnéticas

### *Final magnetic end caps*

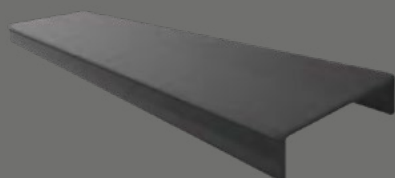
Accesorios con un diseño especial que facilita el montaje, impide la salida lateral de la luz y cubre el final del difusor en la parte superior.

*End caps with a special design that makes assembly easy, prevents light from leaking through the side, and cover the end of the diffuser at the top.*



## Difusor Black&White

### *Black&White diffuser*



Integrada con el diseño arquitectural, dota de un efecto luminoso característico sin percibir la luminaria.

*Integrated with the architectural design, the luminaire remains hidden when off, and has a special light effect when on.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

**Pro**

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

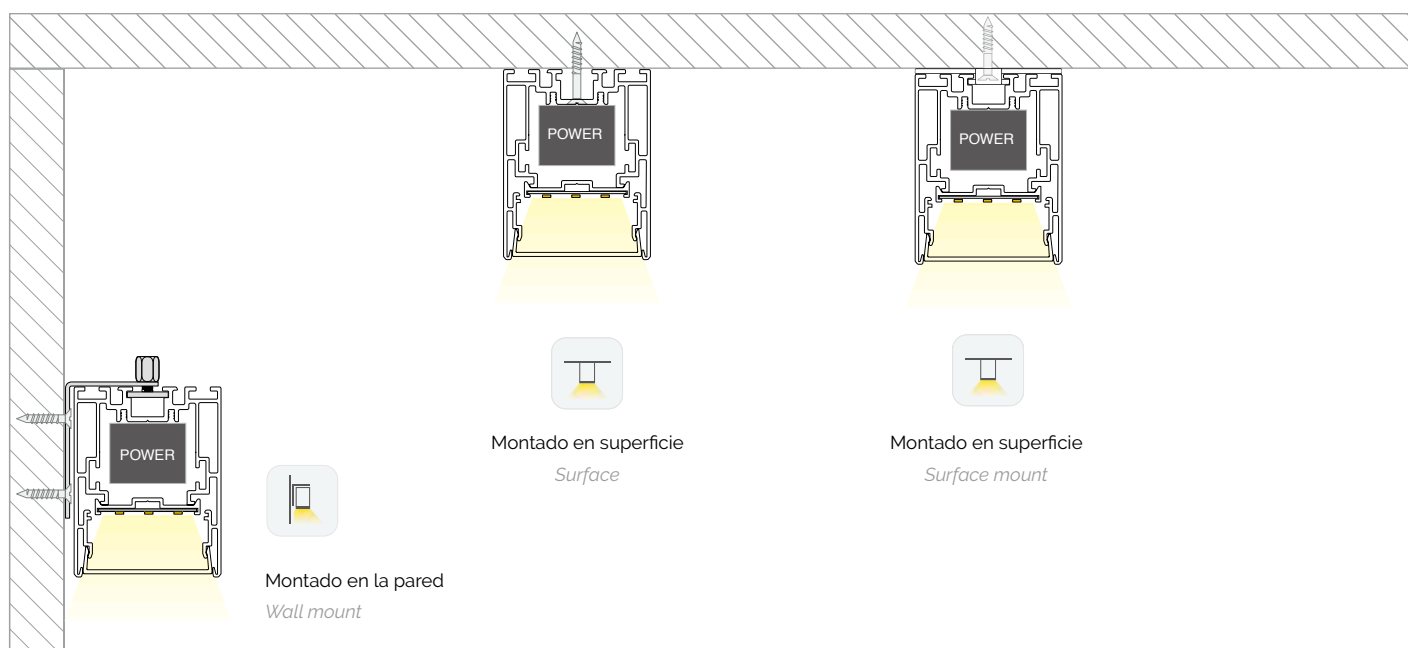
Cont.

Fuen.  
PSU



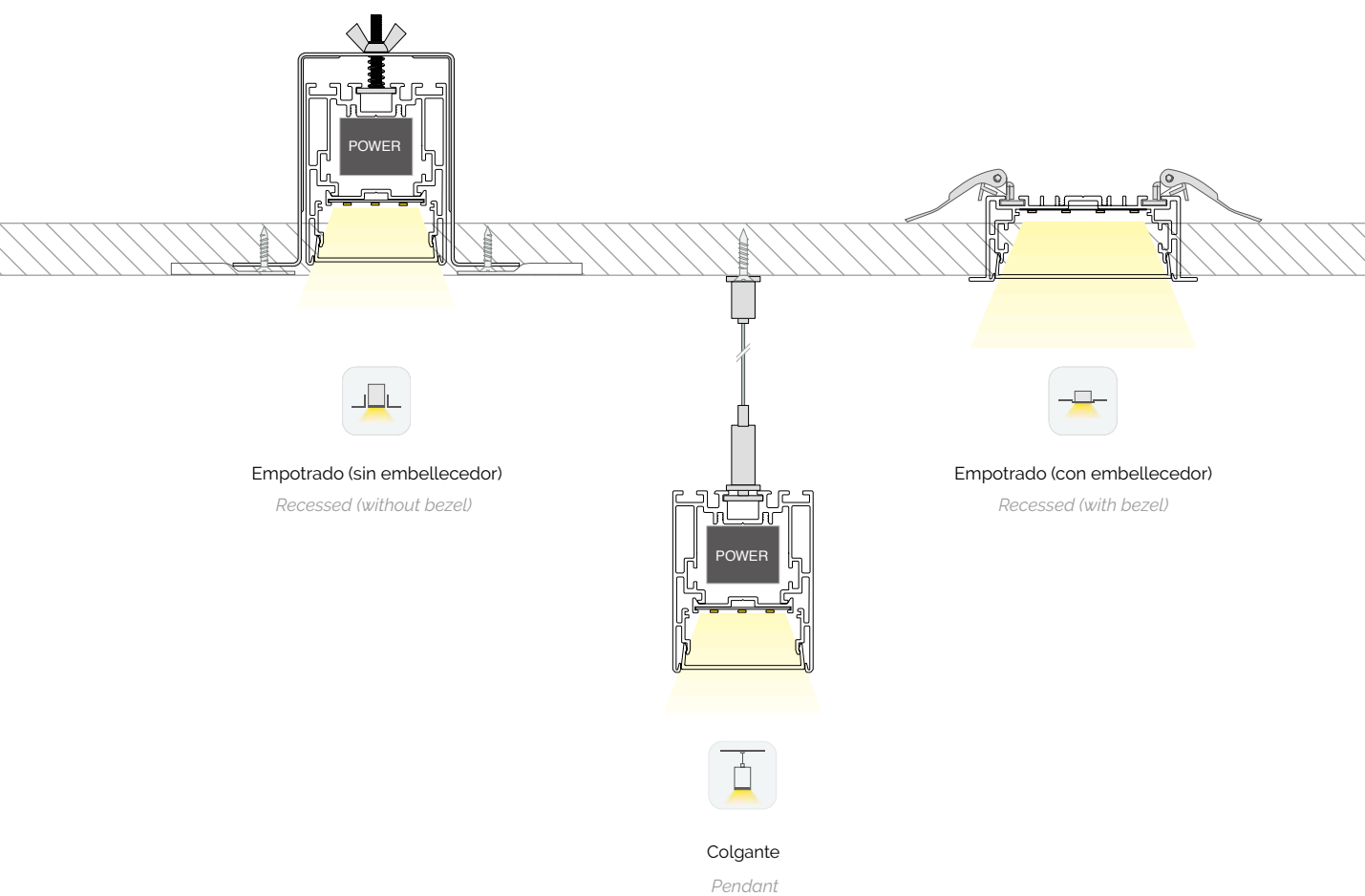
# LUMINARIAS PRO

LUMINAIRES



# INSTALACIÓN

## INSTALLATION



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

**Pro**

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

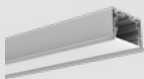
Cont.

Fuen.  
PSU

# LUMI PR

NA  
RIAS

LUMINAIRES

| Modelo<br>Model       | Detalle<br>Detail                                                                   | Tamaño<br>Size |  Largo MAX.<br>MAX. Length | Lum./m  | Instal.<br>Install                                                                    |  Lacado stock<br>Lacquered                                                                                                                                                     | Tª color<br>Colour T. |
|-----------------------|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| LS3360<br>(P. 322)    |    | 33 x 60 mm     | 2500 mm                                                                                                     | 1500 lm |    |          | 3000 K<br>4000 K      |
| LS5470(F)<br>(P. 324) |   | 54 x 70 mm     | 2500 mm                                                                                                     | 1805 lm |    |          | 3000 K<br>4000 K      |
| LS7977<br>(P. 326)    |  | 79 x 77 mm     | 2500 mm                                                                                                     | 2375 lm |  |    | 3000 K<br>4000 K      |
| LE5535<br>(P. 330)    |  | 55 x 35 mm     | 2500 mm                                                                                                     | 1500 lm |  |    | 3000 K<br>4000 K      |
| LE6935(F)<br>(P. 332) |  | 69 x 35 mm     | 2500 mm                                                                                                     | 1805 lm |  |    | 3000 K<br>4000 K      |
| LE9435<br>(P. 334)    |  | 94 x 35 mm     | 2500 mm                                                                                                     | 2185 lm |  |    | 3000 K<br>4000 K      |
| LT90<br>(P. 336)      |  | Ø 90 mm        | 2500 mm                                                                                                     | 1500 lm |  |    | 3000 K<br>4000 K      |

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

**Pro**

Work

Curve

Julia

Track

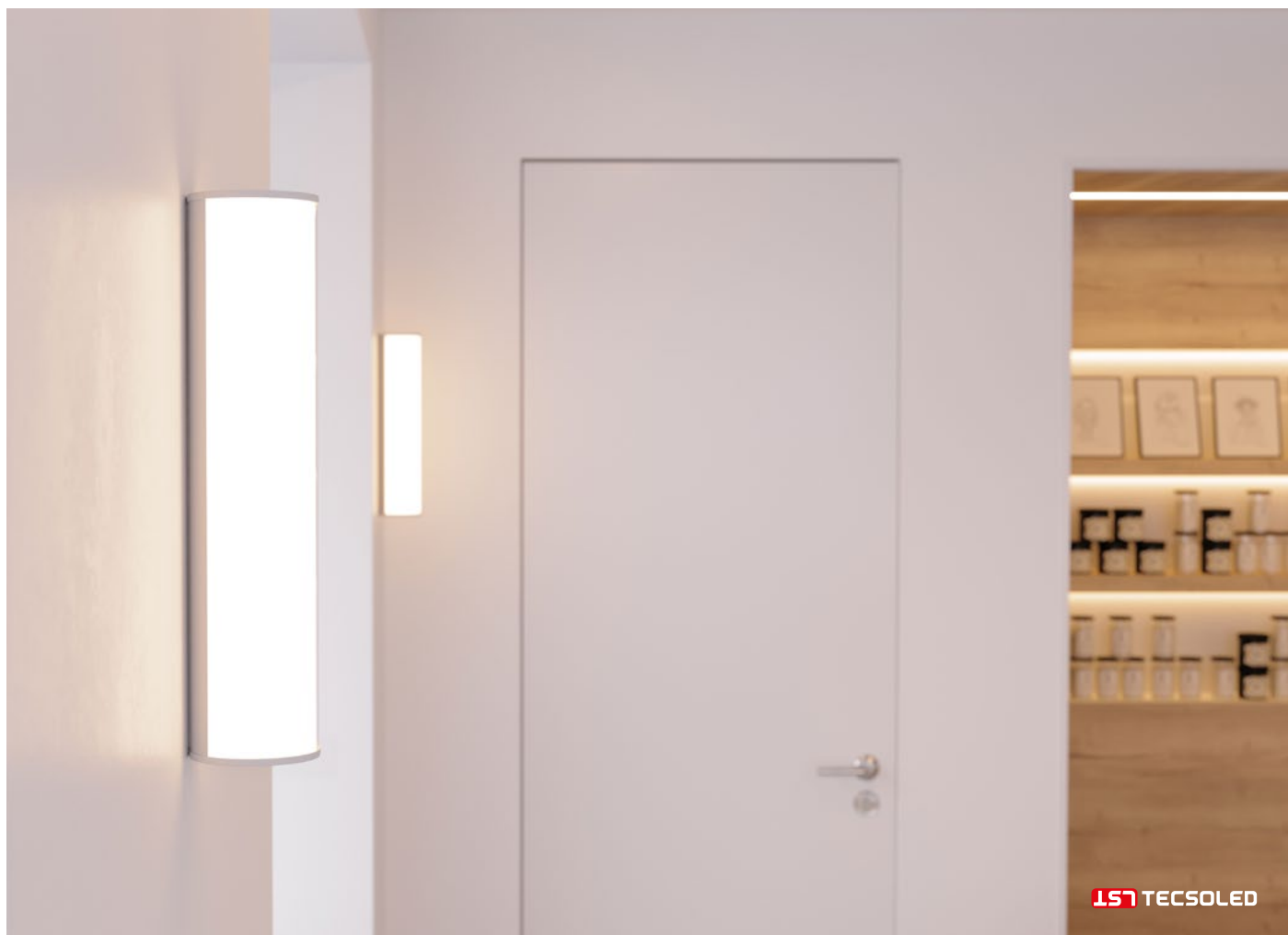
Arqu.  
Arch.

Prod.

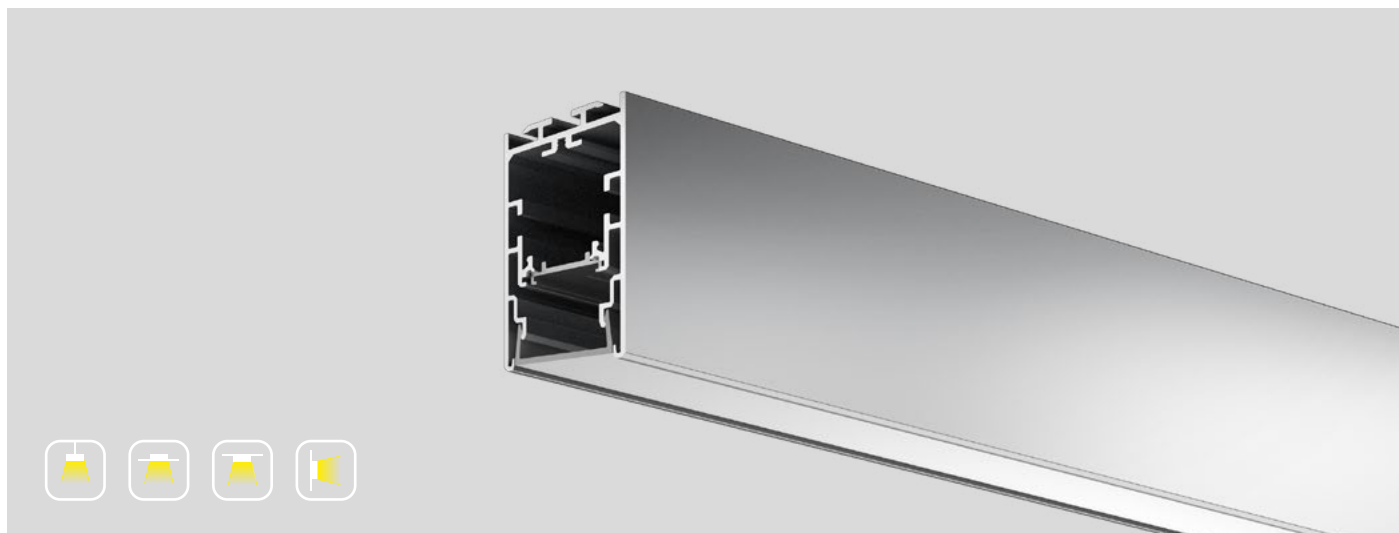
Deco.

Mod.

Cont.

Fuen.  
PSU**LSI** TECSOLEO





| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114001 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 607 mm            | 12 W              | 960 lm            | 80 lm/W              | 4000K                 |
| 10102001 <input type="checkbox"/> <input type="checkbox"/>                           | 607 mm            | 12 W              | 902 lm            | 75 lm/W              | 3000K                 |
| 10115001 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 18 W              | 1440 lm           | 80 lm/W              | 4000K                 |
| 10103001 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 18 W              | 1368 lm           | 76 lm/W              | 3000K                 |
| 10116001 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 24 W              | 1920 lm           | 80 lm/W              | 4000K                 |
| 10104001 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 24 W              | 1824 lm           | 76 lm/W              | 3000K                 |
| 10117001 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 30 W              | 2400 lm           | 80 lm/W              | 4000K                 |
| 10105001 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 30 W              | 2280 lm           | 76 lm/W              | 3000K                 |
| 10118001 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 36 W              | 2880 lm           | 80 lm/W              | 4000K                 |
| 10106001 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 36 W              | 2736 lm           | 76 lm/W              | 3000K                 |
| 10119001 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 50 W              | 4000 lm           | 80 lm/W              | 4000K                 |
| 10107001 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 50 W              | 2736 lm           | 76 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114001ND  
Negro, DALI / Black, DALI

#### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 24 W@1200 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

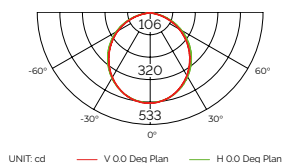
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

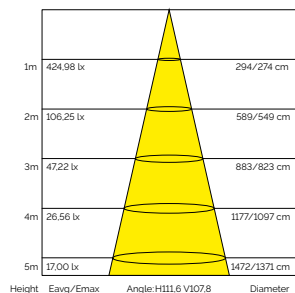
#### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 33x60 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

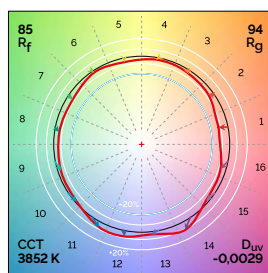
Distribución luminosa  
Light intensity distribution



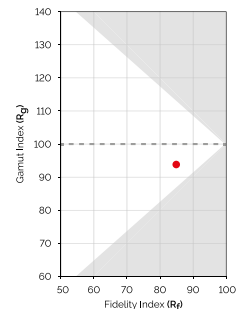
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

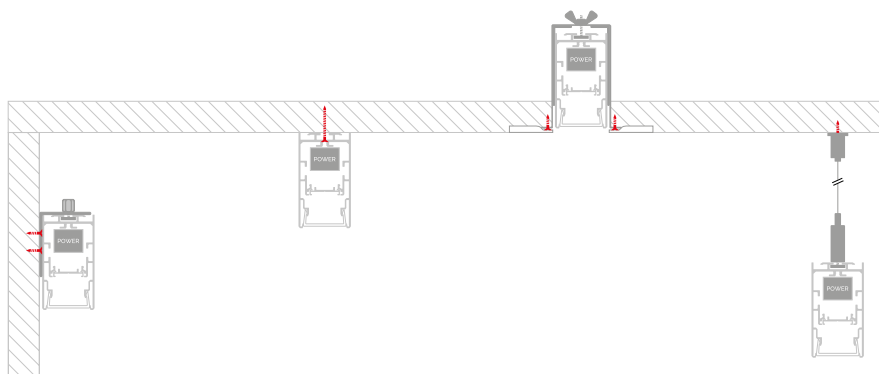
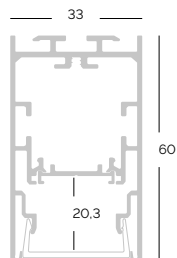


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pletinas conexión  
Extender



Tipo "I" 180° (Pack 3)  
"I" Type 180° (Pack 3)  
Acero/Steel

10202000



Tipo "L" 90° (Pack 3)  
"L" Type 90° (Pack 3)  
Acero/Steel

10217000



Tipo "7" 90° (Pack 3)  
"7" Type 90° (Pack 3)  
Acero/Steel

10220000

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

Accesorios sujeción  
Mounting clips



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10331000



Cables suspensión  
Pendant wires  
2 m

10333000



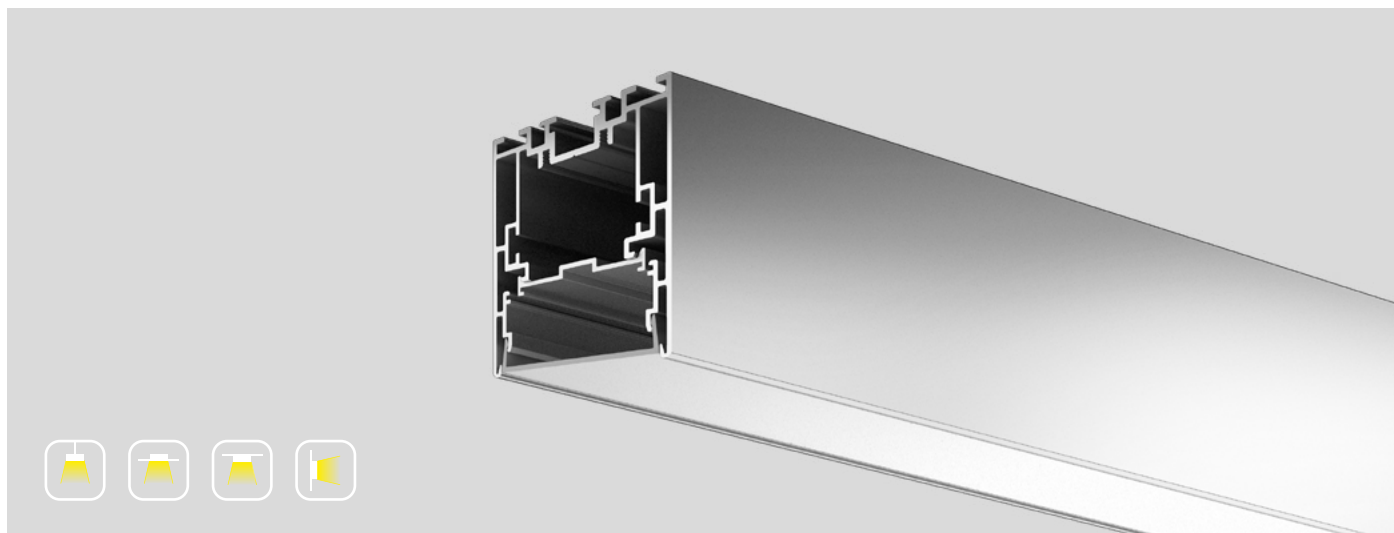
Sujeción empotrar  
Recessed buckle  
89x25x75 mm

10311000



Sujeción pared  
Wall-mounted buckle  
50x18x34 mm

10301000



| Referencia<br>Code |                                                                             | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114012           | <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 607 mm            | 15 W              | 1140 lm           | 76 lm/W              | 4000K                 |
| 10102012           | <input type="checkbox"/> <input type="checkbox"/>                           | 607 mm            | 15 W              | 1083 lm           | 73 lm/W              | 3000K                 |
| 10115012           | <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 22,5 W            | 1710 lm           | 76 lm/W              | 4000K                 |
| 10103012           | <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 22,5 W            | 1625 lm           | 73 lm/W              | 3000K                 |
| 10116012           | <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 30 W              | 2280 lm           | 76 lm/W              | 4000K                 |
| 10104012           | <input type="checkbox"/> <input type="checkbox"/>                           | 1.207mm           | 30 W              | 2166 lm           | 73 lm/W              | 3000K                 |
| 10117012           | <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 37,5 W            | 2850 lm           | 76 lm/W              | 4000K                 |
| 10105012           | <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 37,5 W            | 2708 lm           | 73 lm/W              | 3000K                 |
| 10106012           | <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 45 W              | 3249 lm           | 73 lm/W              | 4000K                 |
| 10118012           | <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 45 W              | 3420 lm           | 73 lm/W              | 3000K                 |
| 10119012           | <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 62,5 W            | 4750 lm           | 76 lm/W              | 4000K                 |
| 10107012           | <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 62,5 W            | 4513 lm           | 73 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114012ND  
Negro, DALI / Black, DALI

#### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 30 W@1200 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

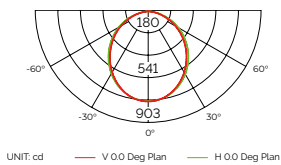
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

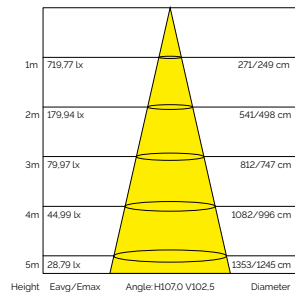
#### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 54x70 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

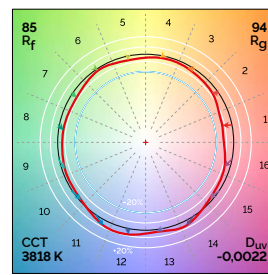
Distribución luminosa  
Light intensity distribution



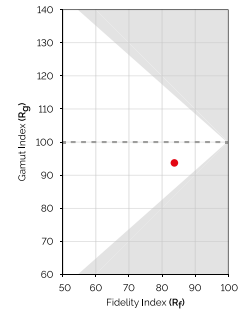
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

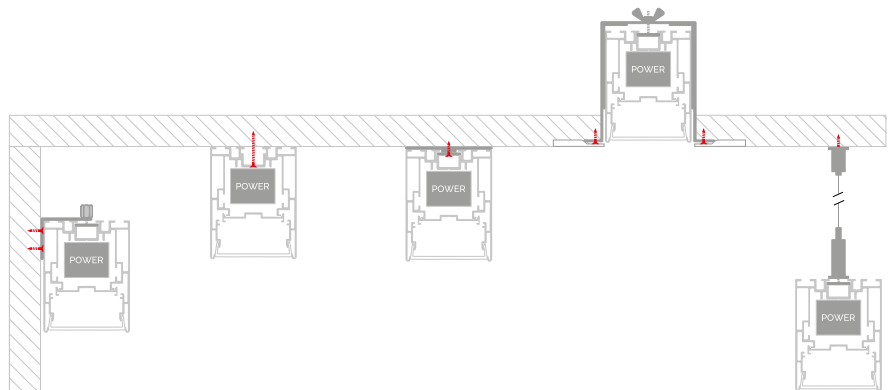
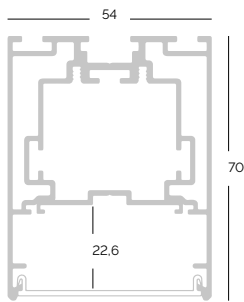


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira  
Strip

Acc.

Silic.

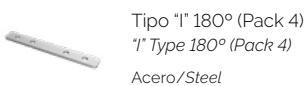
SWL

Circ.

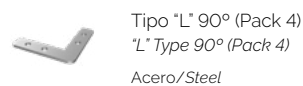
Perf.  
Prof.

Lite

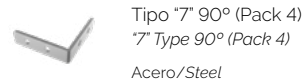
Pletinas conexión  
Extender



10201000

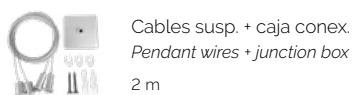


10218000

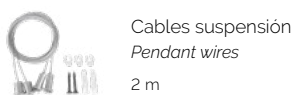


10221000

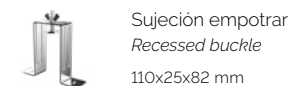
Accesorios sujeción  
Mounting clips



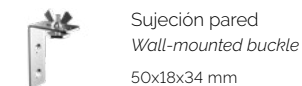
10332000



10334000



10313000

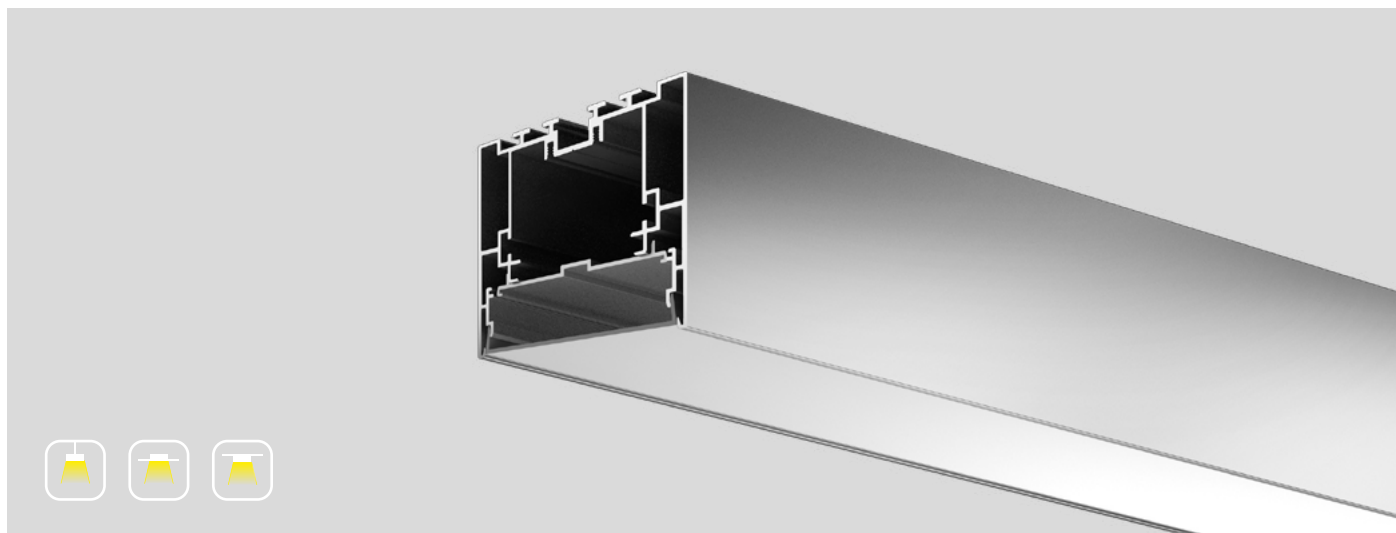


10302000



10345000





| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114003 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 607 mm            | 19,8 W            | 1500 lm           | 76 lm/W              | 4000K                 |
| 10102003 <input type="checkbox"/> <input type="checkbox"/>                           | 607 mm            | 19,8 W            | 1425 lm           | 72 lm/W              | 3000K                 |
| 10115003 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 29,7 W            | 2250 lm           | 76 lm/W              | 4000K                 |
| 10103003 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 29,7 W            | 2138 lm           | 72 lm/W              | 3000K                 |
| 10116003 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 39,6 W            | 3000 lm           | 76 lm/W              | 4000K                 |
| 10104003 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 39,6 W            | 2850 lm           | 72 lm/W              | 3000K                 |
| 10117003 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 49,5 W            | 3750 lm           | 76 lm/W              | 4000K                 |
| 10105003 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 49,5 W            | 3563 lm           | 72 lm/W              | 3000K                 |
| 10118003 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 59,4 W            | 4500 lm           | 76 lm/W              | 4000K                 |
| 10106003 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 59,4 W            | 4275 lm           | 72 lm/W              | 3000K                 |
| 10119003 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 82,5 W            | 6250 lm           | 76 lm/W              | 4000K                 |
| 10107003 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 82,5 W            | 5938 lm           | 72 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114003ND  
Negro, DALI / Black, DALI

#### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 40 W@1200 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

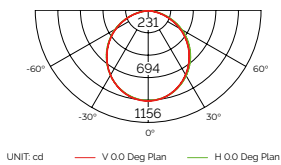
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

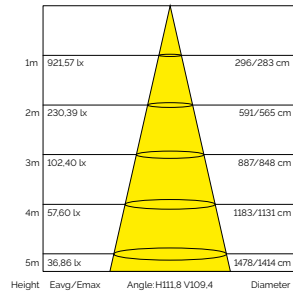
#### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 79x77 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

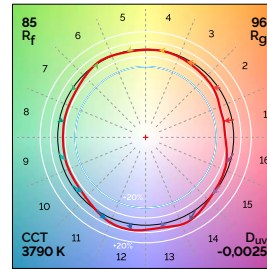
Distribución luminosa  
Light intensity distribution



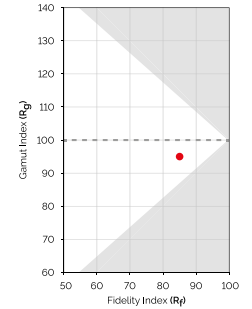
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

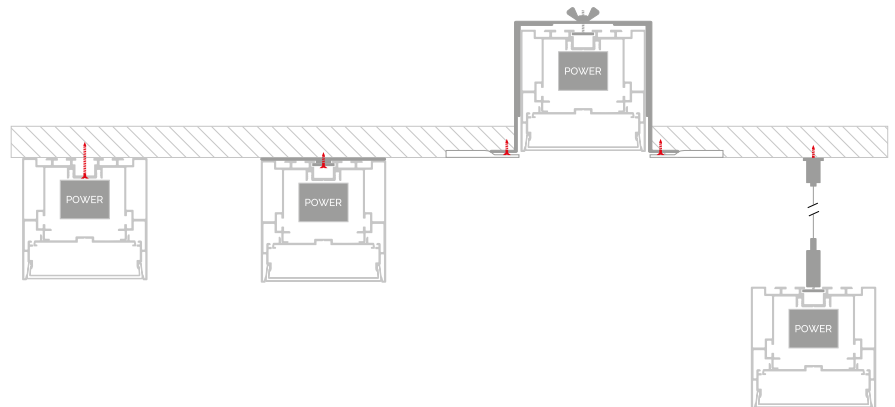
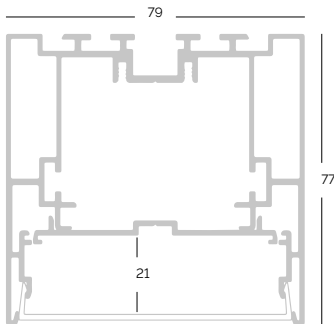


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10218000



Tipo "7" 90° (Pack 4)  
"7" Type 90° (Pack 4)  
Acero/Steel

10221000

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

Accesorios sujeción  
Mounting clips



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10332000



Cables suspensión  
Pendant wires  
2 m

10334000



Sujeción empotrar  
Recessed buckle  
135.4x25x90 mm

10314000



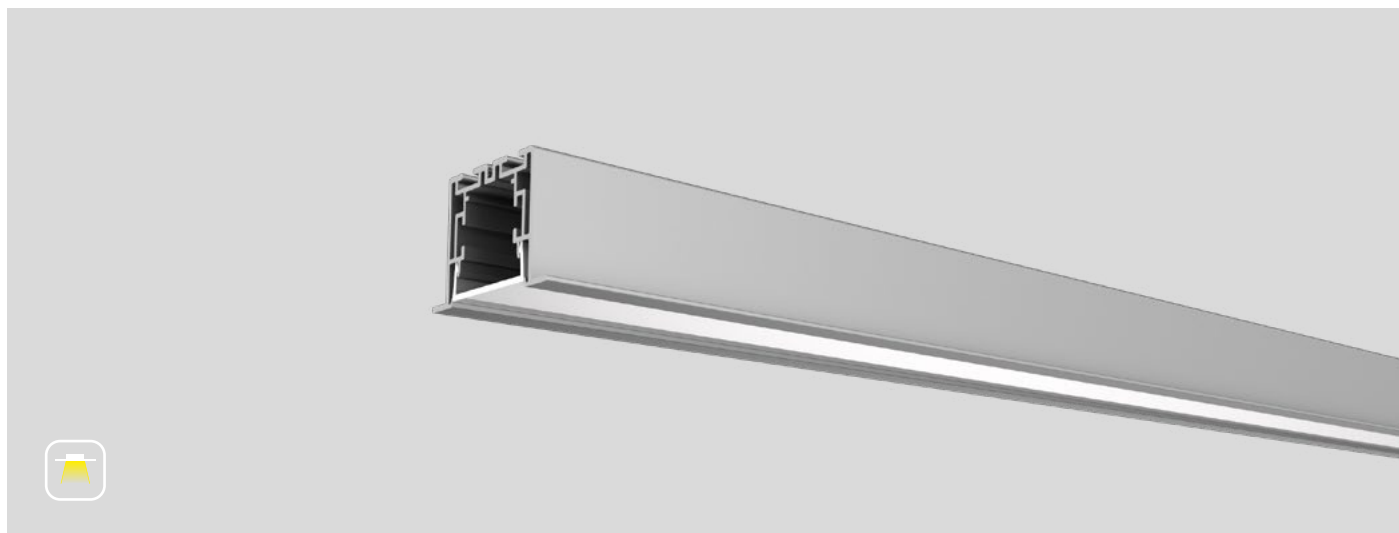
Clip superficie  
Surface mounted buckle  
126x54x5.9 mm

10351000









| Referencia<br>Code                                                        | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114004 <input type="checkbox"/> <input type="checkbox"/> <sup>A R</sup> | 607 mm            | 12 W              | 960 lm            | 80 lm/W              | 4000K                 |
| 10102004 <input type="checkbox"/> <input type="checkbox"/>                | 607 mm            | 12 W              | 902 lm            | 75 lm/W              | 3000K                 |
| 10115004 <input type="checkbox"/> <input type="checkbox"/>                | 907 mm            | 18 W              | 1440 lm           | 80 lm/W              | 4000K                 |
| 10103004 <input type="checkbox"/> <input type="checkbox"/>                | 907 mm            | 18 W              | 1368 lm           | 75 lm/W              | 3000K                 |
| 10116004 <input type="checkbox"/> <input type="checkbox"/>                | 1.207 mm          | 24 W              | 1920 lm           | 80 lm/W              | 4000K                 |
| 10104004 <input type="checkbox"/> <input type="checkbox"/>                | 1.207 mm          | 24 W              | 1824 lm           | 75 lm/W              | 3000K                 |
| 10117004 <input type="checkbox"/> <input type="checkbox"/>                | 1.507 mm          | 30 W              | 2400 lm           | 80 lm/W              | 4000K                 |
| 10105004 <input type="checkbox"/> <input type="checkbox"/>                | 1.507 mm          | 30 W              | 2280 lm           | 75 lm/W              | 3000K                 |
| 10118004 <input type="checkbox"/> <input type="checkbox"/>                | 1.807 mm          | 36 W              | 2880 lm           | 80 lm/W              | 4000K                 |
| 10106004 <input type="checkbox"/> <input type="checkbox"/>                | 1.807 mm          | 36 W              | 2736 lm           | 75 lm/W              | 3000K                 |
| 10119004 <input type="checkbox"/> <input type="checkbox"/>                | 2.507 mm          | 50 W              | 4000 lm           | 80 lm/W              | 4000K                 |
| 10107004 <input type="checkbox"/> <input type="checkbox"/>                | 2.507 mm          | 50 W              | 3800 lm           | 75 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114004ND  
Negro, DALI / Black, DALI

#### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 24 W@1200 mm        |
| Factor de potencia / Power Factor | >0.9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

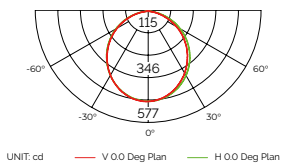
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

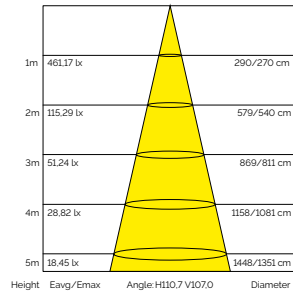
#### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 55x35 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

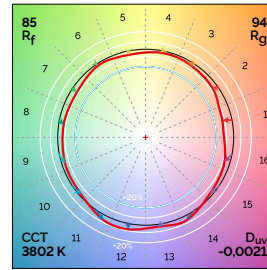
Distribución luminosa  
Light intensity distribution



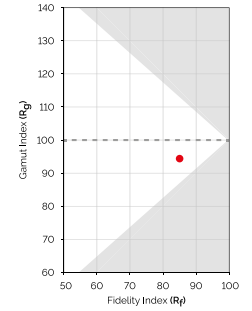
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

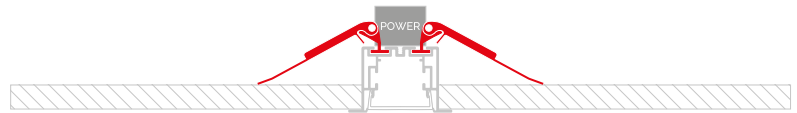
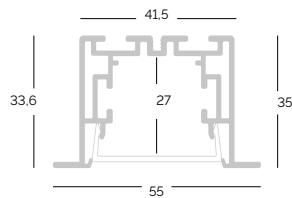


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10218000



Tipo "7" 90° (Pack 4)  
"7" Type 90° (Pack 4)  
Acero/Steel

10221000

Accesorios sujeción  
Mounting clips



Clips empotrar set 2 und.  
Recessed clip set 2 unit.  
68,5x35x31,6 mm

10322000

Accesorio ya incluido. Cantidad según el largo de la luminaria.

Accessory already included. Quantity according to luminaire length.

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

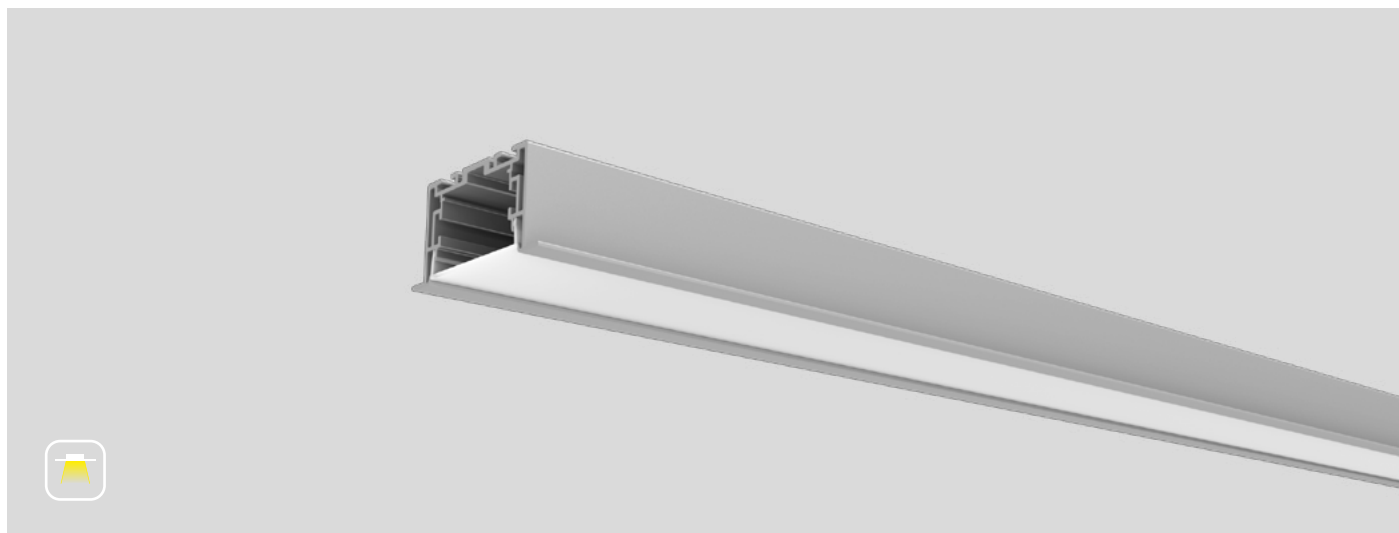
Prod.

Deco.

Mod.

Cont.

Fuen. PSU



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114005 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 607 mm            | 15 W              | 1140 lm           | 76 lm/W              | 4000K                 |
| 10102005 <input type="checkbox"/> <input type="checkbox"/>                           | 607 mm            | 15 W              | 1083 lm           | 73 lm/W              | 3000K                 |
| 10115005 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 22,5 W            | 1710 lm           | 76 lm/W              | 4000K                 |
| 10103005 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 22,5 W            | 1625 lm           | 73 lm/W              | 3000K                 |
| 10116005 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 30 W              | 2280 lm           | 76 lm/W              | 4000K                 |
| 10104005 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 30 W              | 2166 lm           | 73 lm/W              | 3000K                 |
| 10117005 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 37,5 W            | 2850 lm           | 76 lm/W              | 4000K                 |
| 10105005 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 37,5 W            | 2708 lm           | 73 lm/W              | 3000K                 |
| 10118005 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 45 W              | 3420 lm           | 76 lm/W              | 4000K                 |
| 10106005 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 45 W              | 3249 lm           | 73 lm/W              | 3000K                 |
| 10119005 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 62,5 W            | 4750 lm           | 76 lm/W              | 4000K                 |
| 10107005 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 62,5 W            | 4513 lm           | 73 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114005ND  
Negro, DALI / Black, DALI

#### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 30 W@1200 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

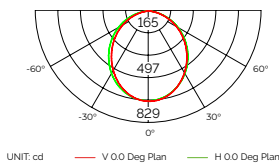
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

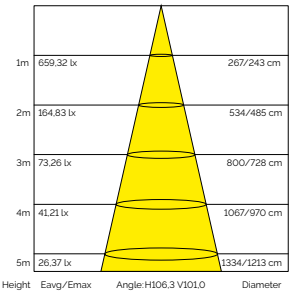
#### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 69x35 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

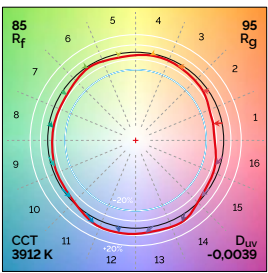
Distribución luminosa  
Light intensity distribution



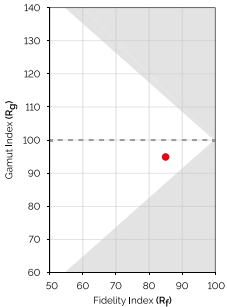
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

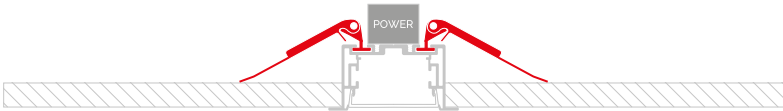
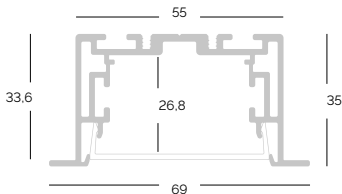


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10218000



Tipo "7" 90° (Pack 4)  
"7" Type 90° (Pack 4)  
Acero/Steel

10221000

Accesorios sujeción  
Mounting clips



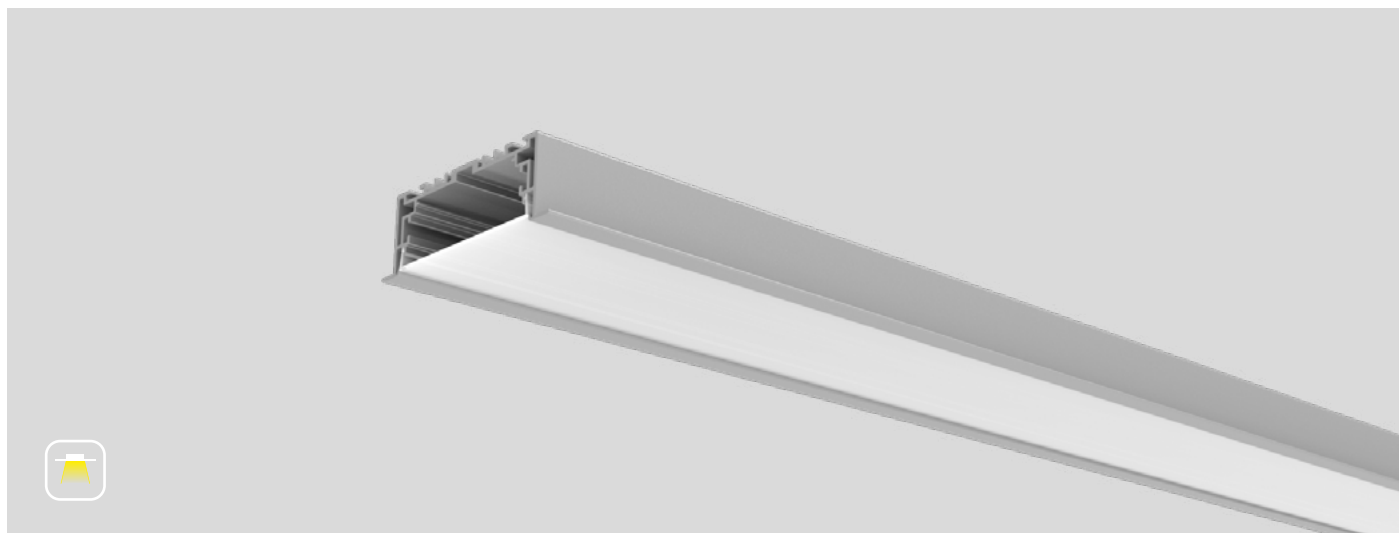
Clips empotrar set 2 und.  
Recessed clip set 2 unit.  
68,5x35x31,6 mm

10322000

Accesorio ya incluido. Cantidad según el largo de la luminaria.

Accessory already included. Quantity according to luminaire length.





| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114006 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 607 mm            | 18 W              | 1380 lm           | 76 lm/W              | 4000K                 |
| 10102006 <input type="checkbox"/> <input type="checkbox"/>                           | 607 mm            | 18 W              | 1311 lm           | 73 lm/W              | 3000K                 |
| 10115006 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 27 W              | 2070 lm           | 76 lm/W              | 4000K                 |
| 10103006 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 27 W              | 1967 lm           | 73 lm/W              | 3000K                 |
| 10116006 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 36 W              | 2760 lm           | 76 lm/W              | 4000K                 |
| 10104006 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 36 W              | 2622 lm           | 73 lm/W              | 3000K                 |
| 10117006 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 45 W              | 3450 lm           | 76 lm/W              | 4000K                 |
| 10105006 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 45 W              | 3278 lm           | 73 lm/W              | 3000K                 |
| 10118006 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 54 W              | 4140 lm           | 76 lm/W              | 4000K                 |
| 10106006 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 54 W              | 3933 lm           | 73 lm/W              | 3000K                 |
| 10119006 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 75 W              | 5750 lm           | 76 lm/W              | 4000K                 |
| 10107006 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 75 W              | 5463 lm           | 73 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114006ND  
Negro, DALI / Black, DALI

#### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1200 mm        |
| Factor de potencia / Power Factor | >0.9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

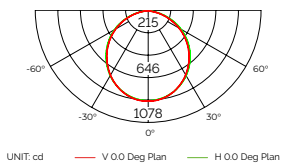
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

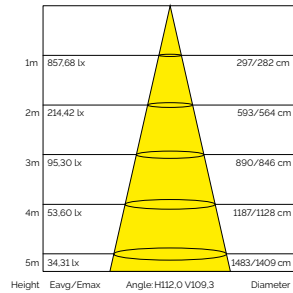
#### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 94x35 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

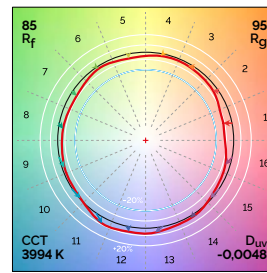
Distribución luminosa  
Light intensity distribution



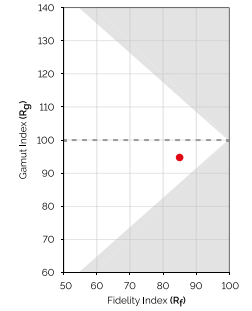
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

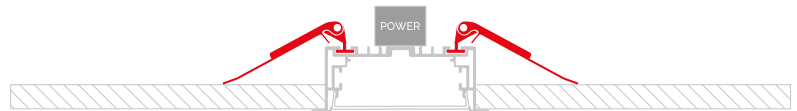
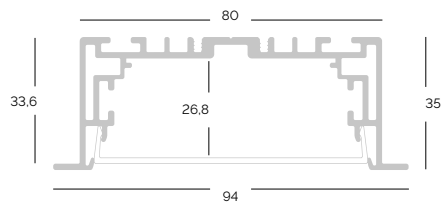


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10218000



Tipo "7" 90° (Pack 4)  
"7" Type 90° (Pack 4)  
Acero/Steel

10221000

Accesorios sujeción  
Mounting clips



Clips empotrar set 2 und.  
Recessed clip set 2 unit.  
68,5x35x31,6 mm

10322000

Accesorio ya incluido. Cantidad según el largo de la luminaria.

Accessory already included. Quantity according to luminaire length.

Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

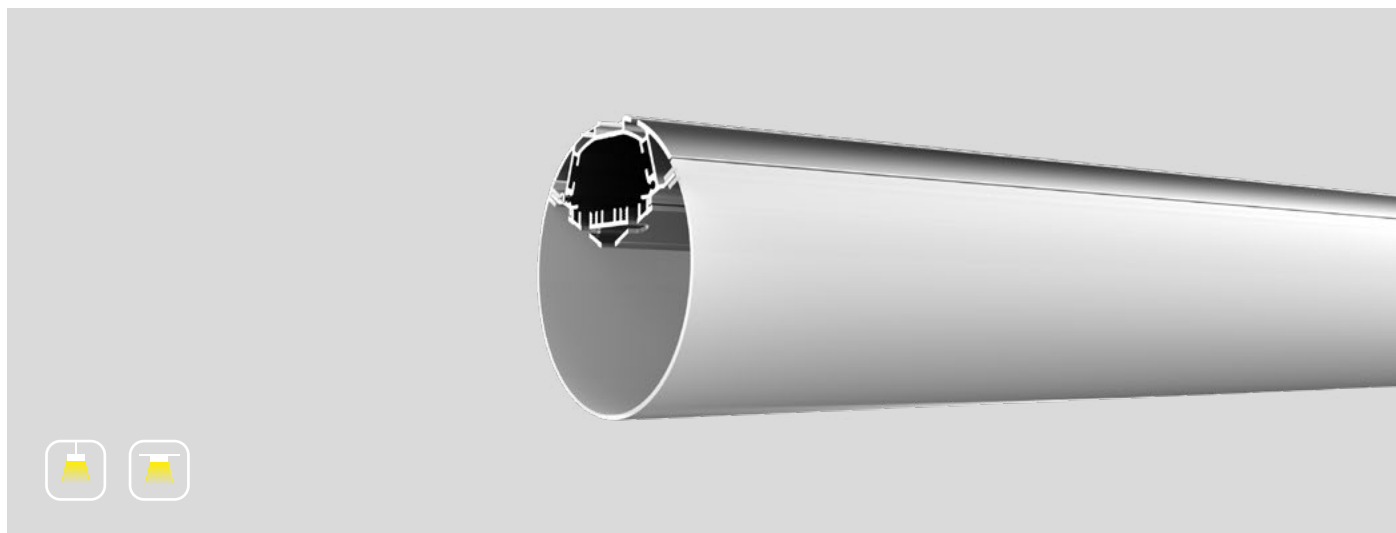
Prod.

Deco.

Mod.

Cont.

Fuen. PSU



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10114007 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 607 mm            | 11,52 W           | 960 lm            | 83 lm/W              | 4000K                 |
| 10102007 <input type="checkbox"/> <input type="checkbox"/>                           | 607 mm            | 11,52 W           | 902 lm            | 78 lm/W              | 3000K                 |
| 10115007 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 17,28 W           | 1440 lm           | 83 lm/W              | 4000K                 |
| 10103007 <input type="checkbox"/> <input type="checkbox"/>                           | 907 mm            | 17,28 W           | 1368 lm           | 78 lm/W              | 3000K                 |
| 10116007 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 23,04 W           | 1920 lm           | 83 lm/W              | 4000K                 |
| 10104007 <input type="checkbox"/> <input type="checkbox"/>                           | 1.207 mm          | 23,04 W           | 1824 lm           | 78 lm/W              | 3000K                 |
| 10117007 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 28,8 W            | 2400 lm           | 83 lm/W              | 4000K                 |
| 10105007 <input type="checkbox"/> <input type="checkbox"/>                           | 1.507 mm          | 28,8 W            | 2280 lm           | 78 lm/W              | 3000K                 |
| 10118007 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 34,56 W           | 2880 lm           | 83 lm/W              | 4000K                 |
| 10106007 <input type="checkbox"/> <input type="checkbox"/>                           | 1.807 mm          | 34,56 W           | 2736 lm           | 78 lm/W              | 3000K                 |
| 10119007 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 48 W              | 4000 lm           | 83 lm/W              | 4000K                 |
| 10107007 <input type="checkbox"/> <input type="checkbox"/>                           | 2.507 mm          | 48 W              | 3800 lm           | 78 lm/W              | 3000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized Length, contact us.

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10114007ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 24 W@1200 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

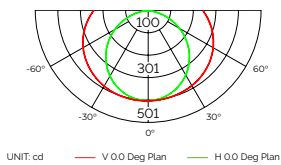
### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <19               |
| Ángulo / Angle                        | 180°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

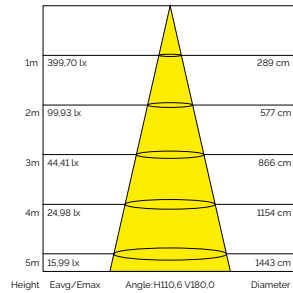
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | ø90 mm        |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

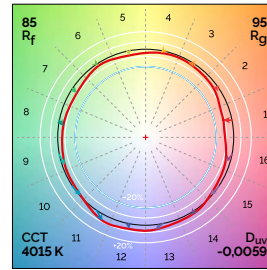
Distribución luminosa  
Light intensity distribution



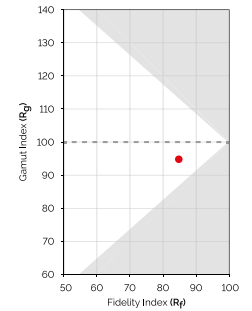
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

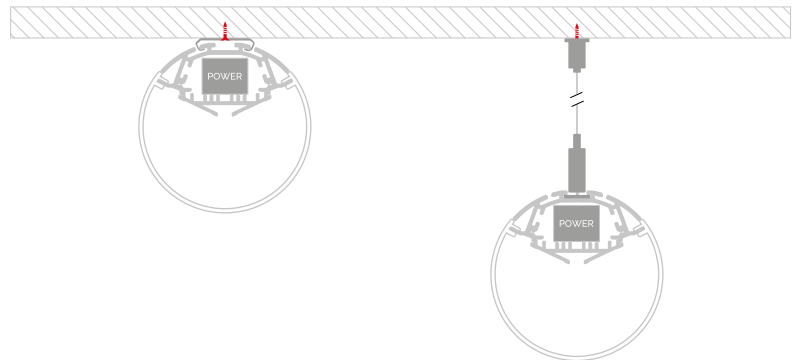
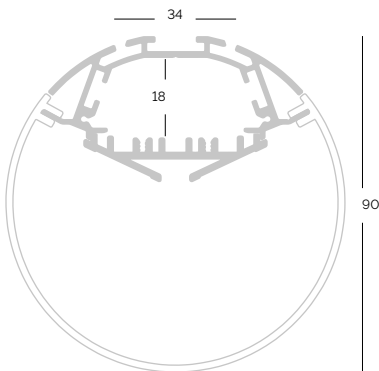


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1207 mm y 4000K. / Photometric test conducted on a 1207 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

Accesorios sujeción  
Mounting clips



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10332000



Cables suspensión  
Pendant wires  
2 m

10334000



Clip superficie  
Surface mounted clip  
20x28,2x10,5 mm

10341000



**LS7** LUMINARIAS / LUMINAIRES

# WORK

El diseño de las luminarias **WORK** es nuestro trabajo de **desarrollo** más grande hasta la fecha. Están concebidas como luminarias de **iluminación general** o trabajo. Todos los detalles han sido pensados para aprovechar al **máximo el potencial** de estos productos. **Altos flujos lumínicos**, valores óptimos de deslumbramiento (**UGR<19**), gran reproducción cromática (**CRI>90**) y un **acabado estético** perfecto completan un interior pensado para que el **trabajo del instalador** sea lo más **eficiente** posible en cualquier diseño.

*The designing of our **WORK** luminaires is our largest **development** project to date. They are conceived for **general or work luminaires**. No detail has been spared to make use of the **maximum potential** of these products. A **high luminous flux**, optimal glare values (**UGR<19**), high colour rendering index (**CRI>90**) and a perfect **aesthetic finish** complete an interior conceived to make the **installer's job** as **efficient** as possible in any design.*



Tira  
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Prof.

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Arqu.  
Arch.

Prod.

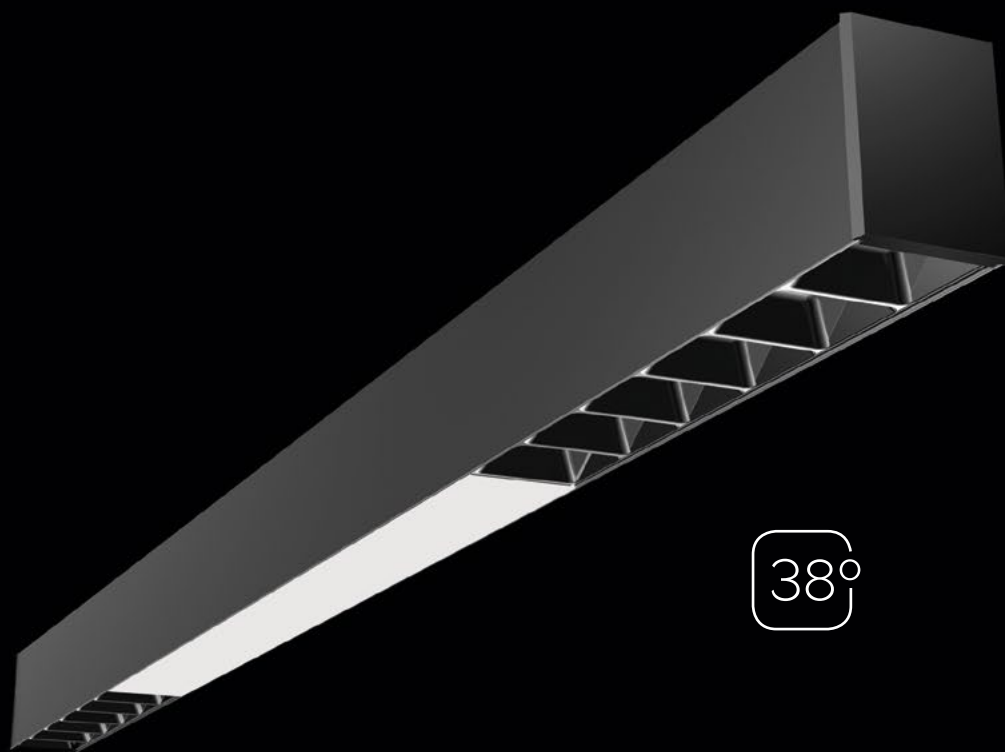
Deco.

Mod.

Cont.

Fuen.  
PSU

# WORK GRATING



Máxima precisión lumínica  
Maximum light precision

Disponible/Available:  
LS50 - LE50 - LH50

Consulta con nuestro departamento técnico  
*Ask our commercial department*

# WORK CCT

HCL HUMAN CENTRIC LIGHTING

6500K

2700K



Mantiene el CRI en todo el espectro  
*Saves the CRI level throughout the light spectrum*

Compatible / Suitable

**CASAMBI**



Tira  
Strip

Acc.

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Prof.

Lite

Pro

**Work**

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# LUMINARIAS WOODWORK

LUMINAIRES

- Alta eficiencia luminosa  
*High luminous efficiency*

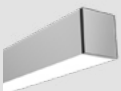
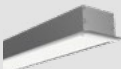
- Gran vida útil  
*Long useful life*

- Diseño antideslumbramiento  
*No-glare design*

- Alta reproducción cromática  
*High colour rendering index*

19  
UGR

≥90  
CRI

| Modelo<br><i>Model</i> | Detalle<br><i>Detail</i>                                                            | Tamaño<br><i>Size</i> |  Longitud<br><i>Length</i> | Lúmenes<br><i>Lumens</i>         | UGR  |
|------------------------|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------|------|
| TSL LS50<br>(P. 344)   |    | 54 x 75 mm            | 1137 - 2257 mm                                                                                              | 3240 - 7200 lm                   | < 19 |
| TSL LH50<br>(P. 346)   |    | 54 x 90 mm            | 1137 - 2257 mm                                                                                              | 1265 - 2924 lm<br>3240 - 7200 lm | < 19 |
| TSL LE50<br>(P. 350)   |  | 70 x 36 mm            | 1137 - 2257 mm                                                                                              | 3240 - 7200 lm                   | < 19 |
| TSL LS70<br>(P. 352)   |  | 73 x 80 mm            | 1137 - 2257 mm                                                                                              | 3240 - 7200 lm                   | < 19 |
| TSL LH70<br>(P. 354)   |  | 73 x 108 mm           | 1137 - 2257 mm                                                                                              | 1265 - 2924 lm<br>3240 - 7200 lm | < 19 |
| TSL LR70<br>(P. 358)   |  | 113 x 76 mm           | 1137 - 2257 mm                                                                                              | 3240 - 7200 lm                   | < 19 |
| TSL P75R +<br>(P. 360) |  | 50 x 75 mm            | 1137 - 2257 mm                                                                                              | 3850 - 8400 lm                   | < 22 |
| TSL E45R +<br>(P. 362) |  | 65 x 35 mm            | 1137 - 2257 mm                                                                                              | 3850 - 8400 lm                   | < 22 |

BASIC

BASIC



 OPCIONALES / OPTIONAL



Kit de emergencia  
Emergency kit



Sensor integrado  
Integrated sensor

| CRI                                                                                 | Vida útil<br>Lifetime | Instal.<br>Install.                                                                 |  Lacado stock<br>Lacquered | Tª color<br>Colour T.      |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------|
|    | 60000h.<br>L80/B10    |    | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|    | 60000h.<br>L80/B10    |    | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|  | 60000h.<br>L80/B10    |  | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|  | 60000h.<br>L80/B10    |  | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|  | 60000h.<br>L80/B10    |  | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|  | 60000h.<br>L80/B10    |  | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|  | 60000h.<br>L70/B10    |  | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |
|  | 60000h.<br>L70/B10    |  | <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>                                | 2700 K<br>3000 K<br>4000 K |

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

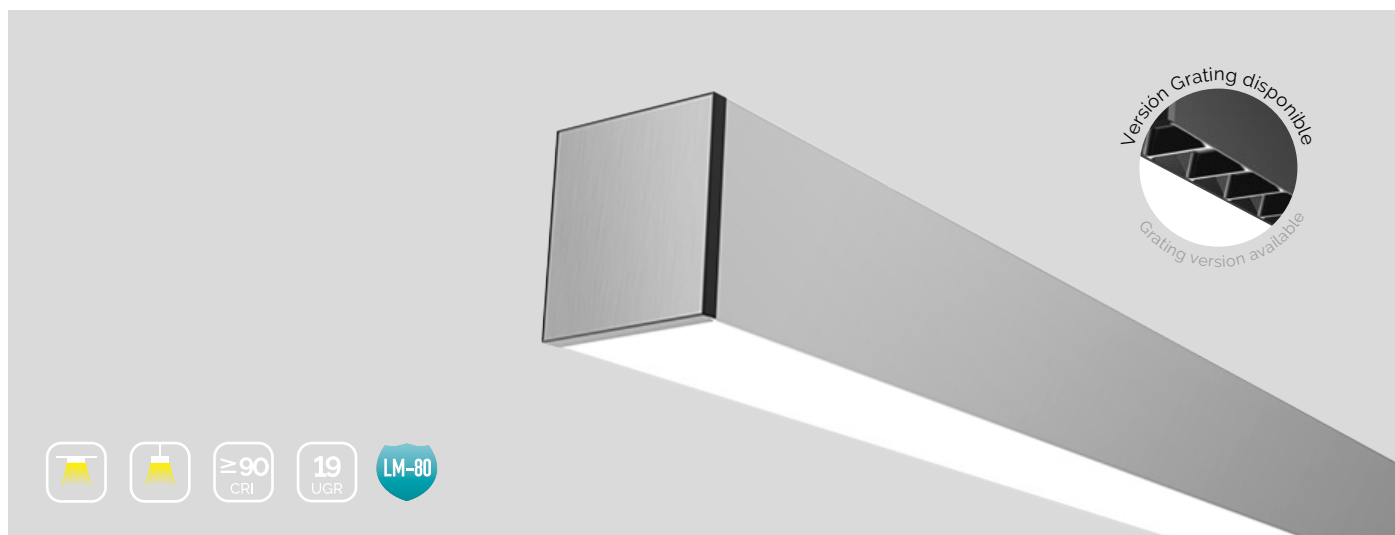
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129013 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 1137 mm           | 36 W              | 3600 lm           | 100 lm/W             | 4000K                 |
| 10123013 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3420 lm           | 95 lm/W              | 3000K                 |
| 10135013 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3240 lm           | 90 lm/W              | 2700K                 |
| 10130013 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4500 lm           | 100 lm/W             | 4000K                 |
| 10124013 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4275 lm           | 95 lm/W              | 3000K                 |
| 10136013 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4050 lm           | 90 lm/W              | 2700K                 |
| 10131013 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5400 lm           | 100 lm/W             | 4000K                 |
| 10125013 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5130 lm           | 95 lm/W              | 3000K                 |
| 10137013 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 4860 lm           | 90 lm/W              | 2700K                 |
| 10132013 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7200 lm           | 100 lm/W             | 4000K                 |
| 10126013 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 6840 lm           | 95 lm/W              | 3000K                 |
| 10138013 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 6480 lm           | 90 lm/W              | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129013ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1137 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

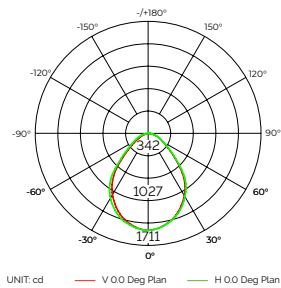
### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 SDCM             |
| UGR                                   | <19                |
| Ángulo / Angle                        | 90°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

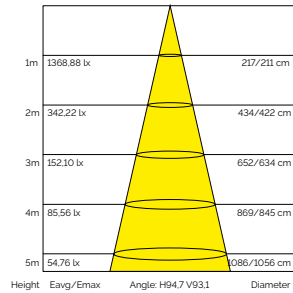
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 54x75 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 70° C         |
| Vida útil / Lifetime           | 60Kh (L80B10) |
| Garantía / Warranty            | 5 años/years  |

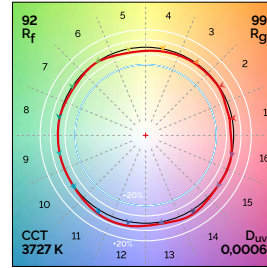
Distribución luminosa  
Light intensity distribution



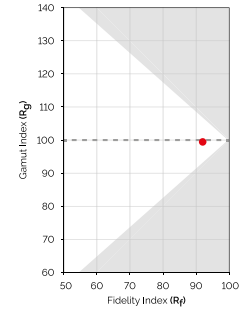
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

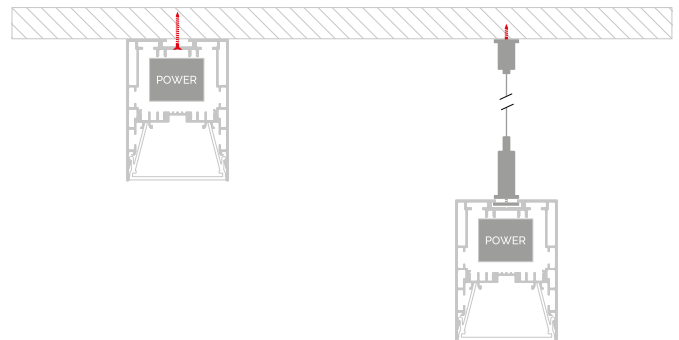
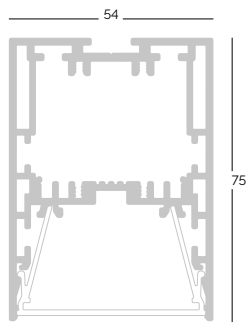


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on a 1137 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10219000

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

Accesorios sujeción  
Mounting clips



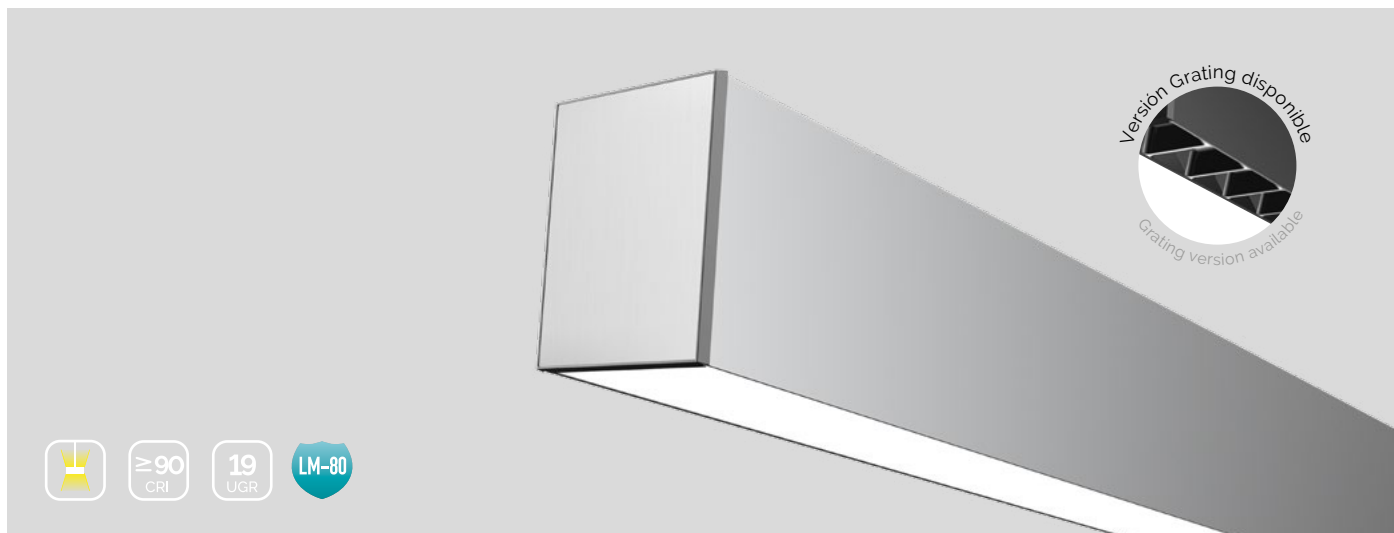
Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10332000



Cables suspensión  
Pendant wires  
2 m

10334000



| Referencia<br>Code | A                        | R                        | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|--------------------------|--------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129014           | <input type="checkbox"/> | <input type="checkbox"/> | 1137 mm           | 53,2 W            | 1376+3600 lm      | 95 lm/W              | 4000K                 |
| 10123014           | <input type="checkbox"/> | <input type="checkbox"/> | 1137 mm           | 53,2 W            | 1320+3420 lm      | 90 lm/W              | 3000K                 |
| 10135014           | <input type="checkbox"/> | <input type="checkbox"/> | 1137 mm           | 53,2 W            | 1265+3240 lm      | 85 lm/W              | 2700K                 |
| 10130014           | <input type="checkbox"/> | <input type="checkbox"/> | 1417 mm           | 66,5 W            | 1720+4500 lm      | 95 lm/W              | 4000K                 |
| 10124014           | <input type="checkbox"/> | <input type="checkbox"/> | 1417 mm           | 66,5 W            | 1650+4275 lm      | 90 lm/W              | 3000K                 |
| 10136014           | <input type="checkbox"/> | <input type="checkbox"/> | 1417 mm           | 66,5 W            | 1600+4050 lm      | 85 lm/W              | 2700K                 |
| 10131014           | <input type="checkbox"/> | <input type="checkbox"/> | 1697 mm           | 79,8 W            | 2064+5400 lm      | 95 lm/W              | 4000K                 |
| 10125014           | <input type="checkbox"/> | <input type="checkbox"/> | 1697 mm           | 79,8 W            | 1980+5130 lm      | 90 lm/W              | 3000K                 |
| 10137014           | <input type="checkbox"/> | <input type="checkbox"/> | 1697 mm           | 79,8 W            | 1923+4860 lm      | 85 lm/W              | 2700K                 |
| 10132014           | <input type="checkbox"/> | <input type="checkbox"/> | 2257 mm           | 108,55 W          | 2924+7200 lm      | 95 lm/W              | 4000K                 |
| 10126014           | <input type="checkbox"/> | <input type="checkbox"/> | 2257 mm           | 108,55 W          | 2805+6840 lm      | 90 lm/W              | 3000K                 |
| 10138014           | <input type="checkbox"/> | <input type="checkbox"/> | 2257 mm           | 108,55 W          | 2745+6480 lm      | 85 lm/W              | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129014ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 53,2 W@1137 mm      |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

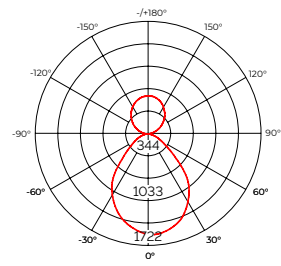
### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 SDCM             |
| UGR                                   | <19                |
| Ángulo / Angle                        | 90°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

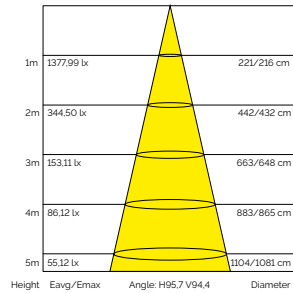
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 54x90 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 70° C         |
| Vida útil / Lifetime           | 60Kh (L80B10) |
| Garantía / Warranty            | 5 años/years  |

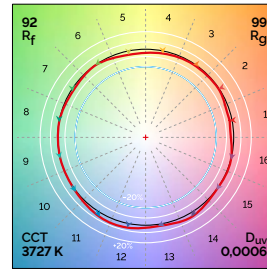
Distribución luminosa  
Light intensity distribution



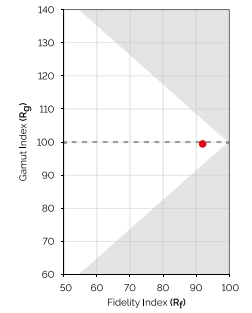
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

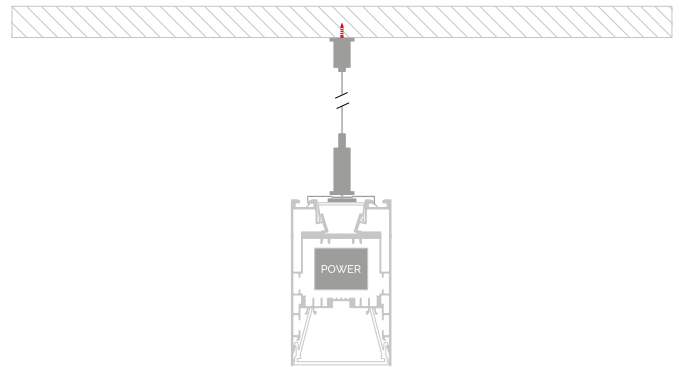
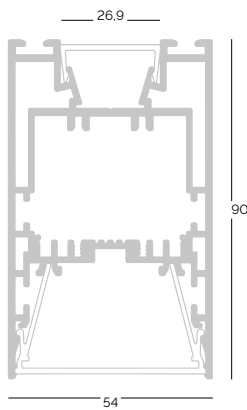


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on a 1137 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pletinas conexión  
Extender



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10219000

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

Accesorios sujeción  
Mounting clips



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10348000



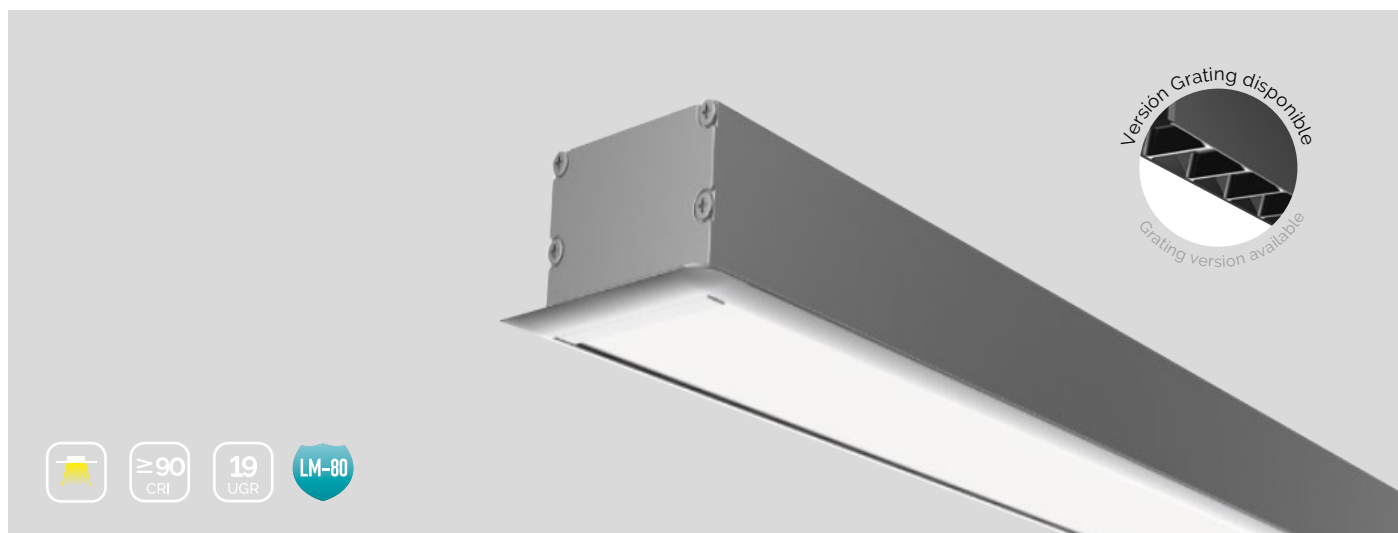
Cables suspensión  
Pendant wires  
2 m

10350000









| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129015 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 1137 mm           | 36 W              | 3600 lm           | 100 lm/W             | 4000K                 |
| 10123015 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3420 lm           | 95 lm/W              | 3000K                 |
| 10135015 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3240 lm           | 90 lm/W              | 2700K                 |
| 10130013 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4500 lm           | 100 lm/W             | 4000K                 |
| 10124015 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4275 lm           | 95 lm/W              | 3000K                 |
| 10136015 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4050 lm           | 90 lm/W              | 2700K                 |
| 10131015 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5400 lm           | 100 lm/W             | 4000K                 |
| 10125015 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5130 lm           | 95 lm/W              | 3000K                 |
| 10137015 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 4860 lm           | 90 lm/W              | 2700K                 |
| 10132015 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7200 lm           | 100 lm/W             | 4000K                 |
| 10126015 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 6840 lm           | 95 lm/W              | 3000K                 |
| 10138015 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 6480 lm           | 90 lm/W              | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129015ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

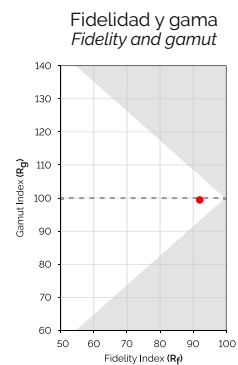
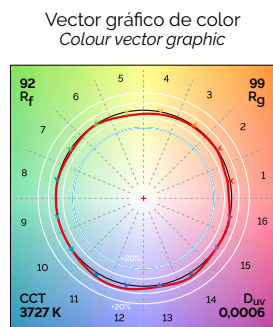
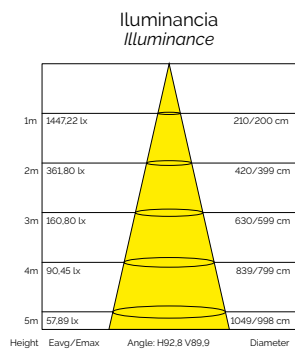
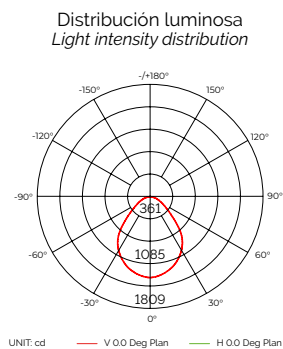
|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1137 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 SDCM             |
| UGR                                   | <19                |
| Ángulo / Angle                        | 90°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

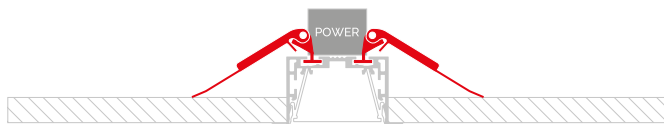
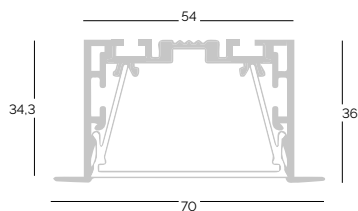
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 70x36 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 70° C         |
| Vida útil / Lifetime           | 60Kh (L80B10) |
| Garantía / Warranty            | 5 años/years  |



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on a 1137 mm and 4000K luminaire.

## Detalle constructivo e instalación *Design detail and installation*



## Pletinas conexión *Extender*



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10219000

## Accesorios sujeción *Mounting clips*

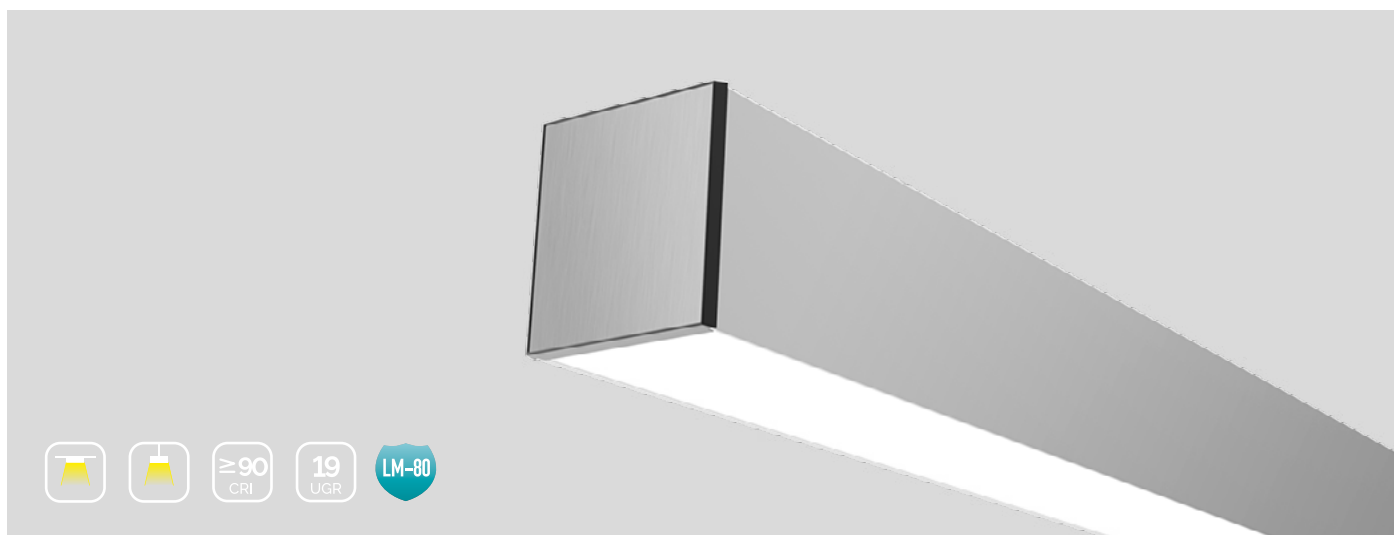


Clips empotrar set 2 und.  
Recessed clip set 2 unit.  
68,5x35x31,6 mm

10322000

Accesorio ya incluido. Cantidad según el largo de la luminaria.

Accessory already included. Quantity according to luminaire length.



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129010 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 1137 mm           | 36 W              | 3600 lm           | 100 lm/W             | 4000K                 |
| 10123010 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3420 lm           | 95 lm/W              | 3000K                 |
| 10135010 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3240 lm           | 90 lm/W              | 2700K                 |
| 10130010 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4500 lm           | 100 lm/W             | 4000K                 |
| 10124010 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4275 lm           | 95 lm/W              | 3000K                 |
| 10136010 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4050 lm           | 90 lm/W              | 2700K                 |
| 10131010 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5400 lm           | 100 lm/W             | 4000K                 |
| 10125010 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5130 lm           | 95 lm/W              | 3000K                 |
| 10137010 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 4860 lm           | 90 lm/W              | 2700K                 |
| 10132010 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7200 lm           | 100 lm/W             | 4000K                 |
| 10126010 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 6840 lm           | 95 lm/W              | 3000K                 |
| 10138010 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 6480 lm           | 90 lm/W              | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129013ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1137 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

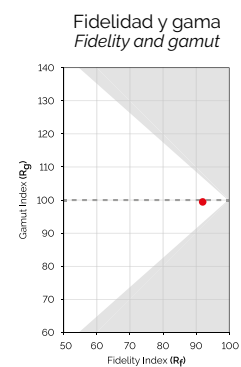
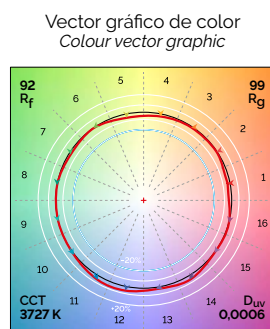
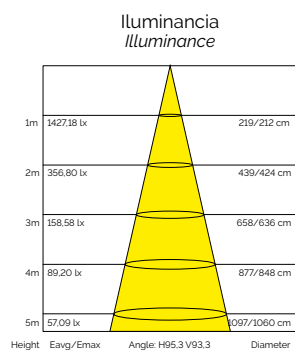
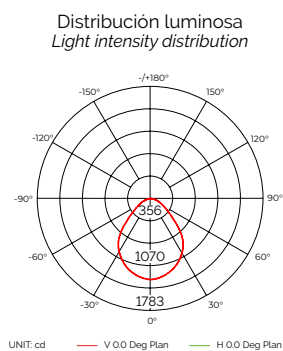
### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 SDCM             |
| UGR                                   | <19                |
| Ángulo / Angle                        | 90°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

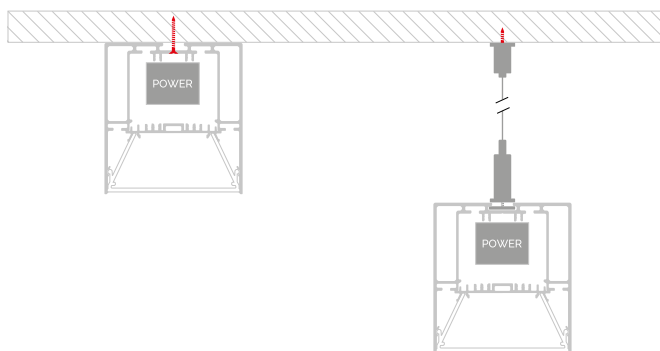
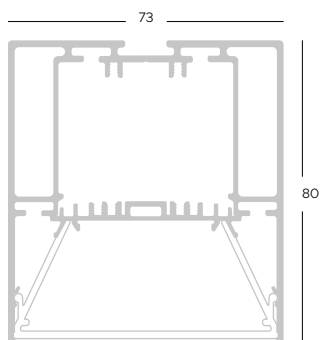
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 73x80 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 70° C         |
| Vida útil / Lifetime           | 60Kh (L80B10) |
| Garantía / Warranty            | 5 años/years  |





\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / *Photometric test conducted on a 1137 mm and 4000K luminaire.*

Detalle constructivo e instalación  
*Design detail and installation*

Perf.  
Prof.

## Work

Mod.

Pletinas conexión  
*Extender*



Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10219000

Accesorios sujeción  
*Mounting clips*



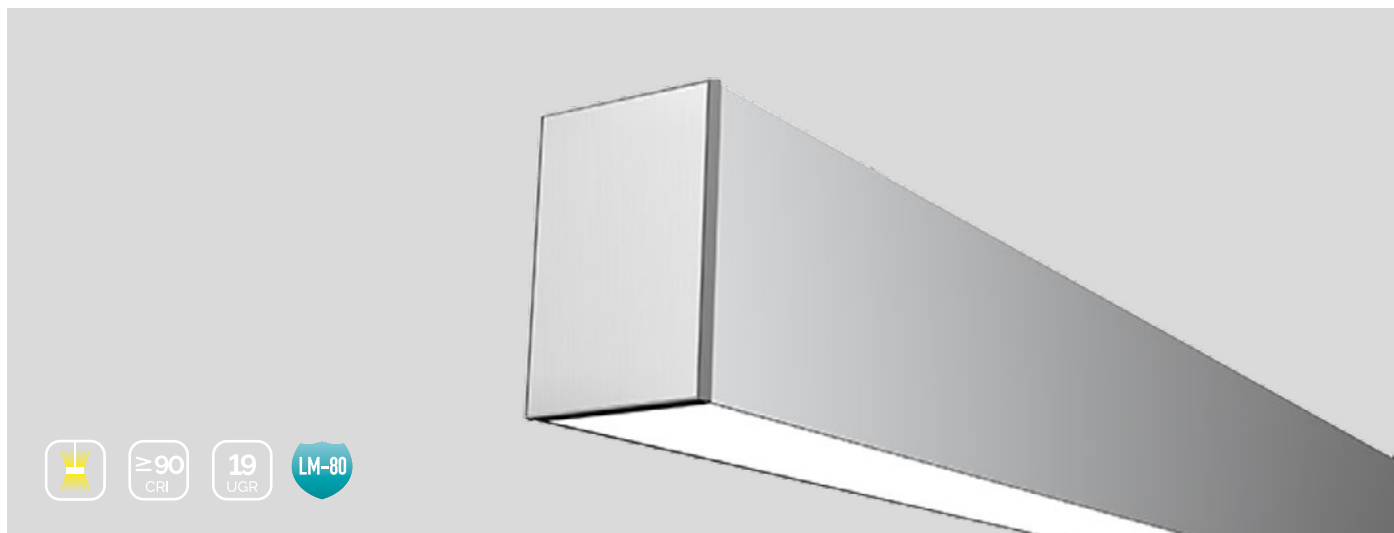
Cables susp. + caja conex.  
*Pendant wires + junction box*  
2 m

10332000



Cables suspensión  
*Pendant wires*  
2 m

10334000



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129009 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 1137 mm           | 53,2 W            | 1376+3600 lm      | 95 lm/W              | 4000K                 |
| 10123009 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 53,2 W            | 1320+3420 lm      | 90 lm/W              | 3000K                 |
| 10135009 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 53,2 W            | 1265+3240 lm      | 85 lm/W              | 2700K                 |
| 10130009 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 66,5 W            | 1720+4500 lm      | 95 lm/W              | 4000K                 |
| 10124009 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 66,5 W            | 1650+4275 lm      | 90 lm/W              | 3000K                 |
| 10136009 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 66,5 W            | 1600+4050 lm      | 85 lm/W              | 2700K                 |
| 10131009 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 79,8 W            | 2064+5400 lm      | 95 lm/W              | 4000K                 |
| 10125009 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 79,8 W            | 1980+5130 lm      | 90 lm/W              | 3000K                 |
| 10137009 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 79,8 W            | 1923+4860 lm      | 85 lm/W              | 2700K                 |
| 10132009 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 108,55 W          | 2924+7200 lm      | 95 lm/W              | 4000K                 |
| 10126009 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 108,55 W          | 2805+6840 lm      | 90 lm/W              | 3000K                 |
| 10138009 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 108,55 W          | 2745+6480 lm      | 85 lm/W              | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129009ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

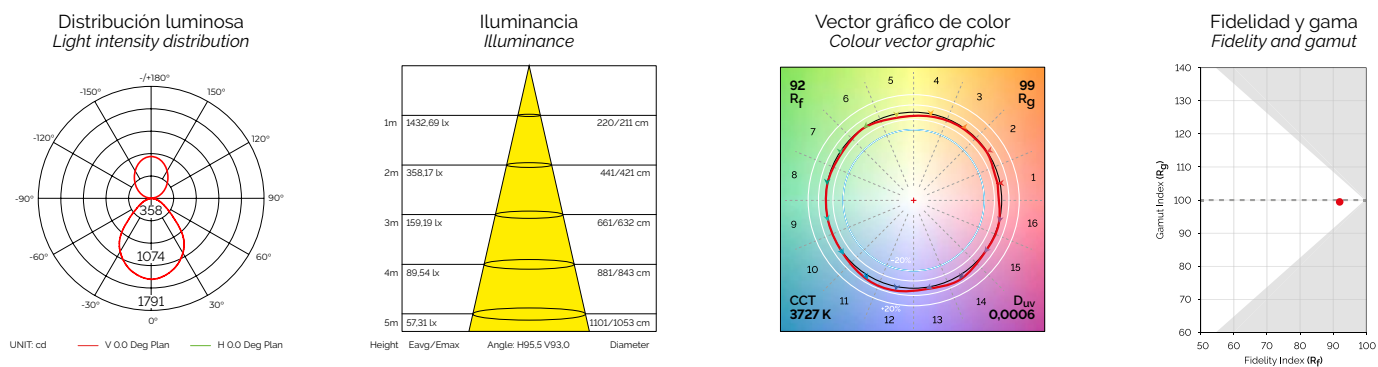
|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 53,2 W@1137 mm      |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 SDCM             |
| UGR                                   | <19                |
| Ángulo / Angle                        | 90°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

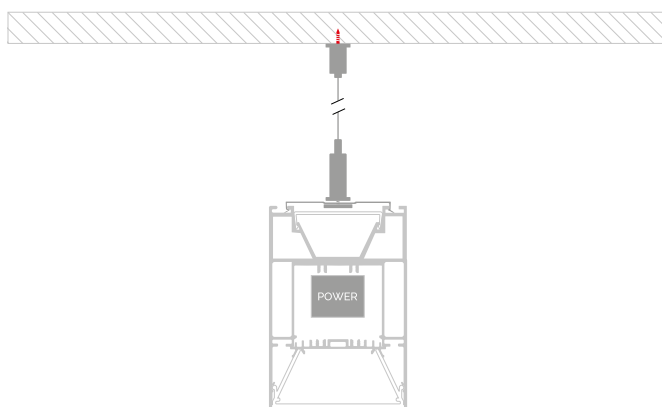
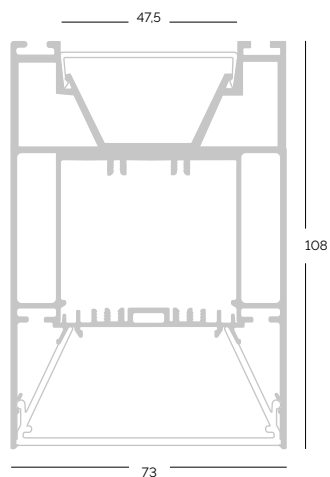
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 73x108 mm     |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 70° C         |
| Vida útil / Lifetime           | 60Kh (L80B10) |
| Garantía / Warranty            | 5 años/years  |



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on a 1137 mm and 4000K luminaire.

## Detalle constructivo e instalación *Design detail and installation*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

## Pletinas conexión *Extender*



Tipo "I" 180° (Pack 4)  
*"I" Type 180° (Pack 4)*  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
*"L" Type 90° (Pack 4)*  
Acero/Steel

10219000

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

## Accesorios sujeción *Mounting clips*



Cables susp. + caja conex.  
*Pendant wires + junction box*  
2 m

10347000



Cables suspensión  
*Pendant wires*  
2 m

10349000







LSI

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

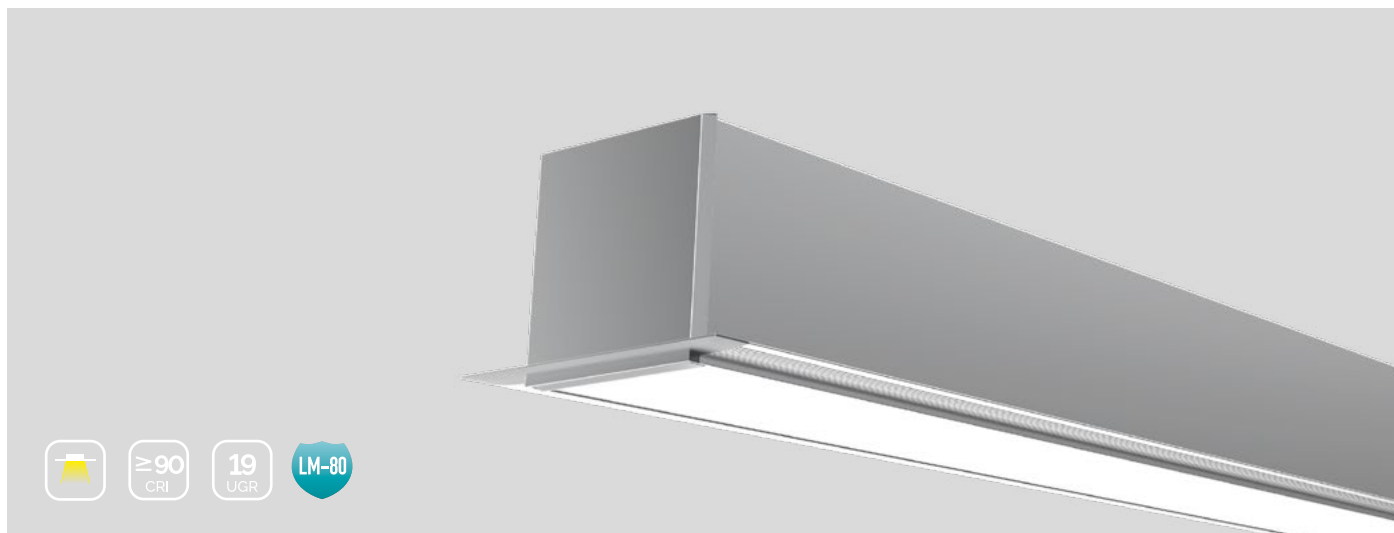
Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code                                         | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129016 <input type="checkbox"/> <input type="checkbox"/> | 1137 mm           | 36 W              | 3600 lm           | 100 lm/W             | 4000K                 |
| 10123016 <input type="checkbox"/> <input type="checkbox"/> | 1137 mm           | 36 W              | 3420 lm           | 95 lm/W              | 3000K                 |
| 10135016 <input type="checkbox"/> <input type="checkbox"/> | 1137 mm           | 36 W              | 3240 lm           | 90 lm/W              | 2700K                 |
| 10130016 <input type="checkbox"/> <input type="checkbox"/> | 1417 mm           | 45 W              | 4500 lm           | 100 lm/W             | 4000K                 |
| 10124016 <input type="checkbox"/> <input type="checkbox"/> | 1417 mm           | 45 W              | 4275 lm           | 95 lm/W              | 3000K                 |
| 10136016 <input type="checkbox"/> <input type="checkbox"/> | 1417 mm           | 45 W              | 4050 lm           | 90 lm/W              | 2700K                 |
| 10131016 <input type="checkbox"/> <input type="checkbox"/> | 1697 mm           | 54 W              | 5400 lm           | 100 lm/W             | 4000K                 |
| 10125016 <input type="checkbox"/> <input type="checkbox"/> | 1697 mm           | 54 W              | 5130 lm           | 95 lm/W              | 3000K                 |
| 10137016 <input type="checkbox"/> <input type="checkbox"/> | 1697 mm           | 54 W              | 4860 lm           | 90 lm/W              | 2700K                 |
| 10132016 <input type="checkbox"/> <input type="checkbox"/> | 2257 mm           | 72 W              | 7200 lm           | 100 lm/W             | 4000K                 |
| 10126016 <input type="checkbox"/> <input type="checkbox"/> | 2257 mm           | 72 W              | 6840 lm           | 95 lm/W              | 3000K                 |
| 10138016 <input type="checkbox"/> <input type="checkbox"/> | 2257 mm           | 72 W              | 6480 lm           | 90 lm/W              | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129016ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

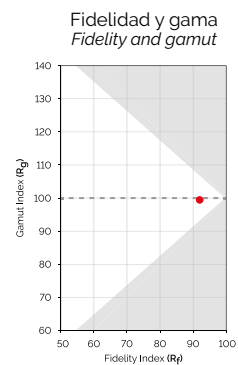
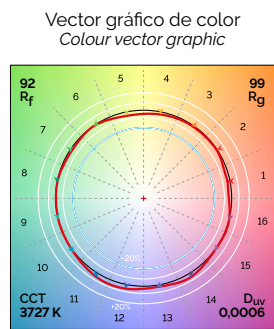
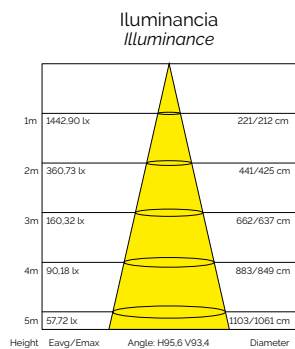
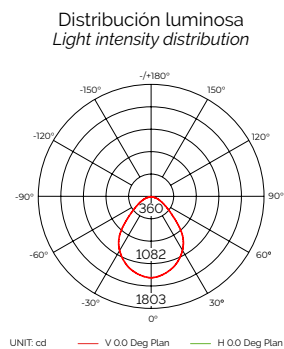
|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1137 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

### Características ópticas / Photometric data

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 SDCM             |
| UGR                                   | <19                |
| Ángulo / Angle                        | 90°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

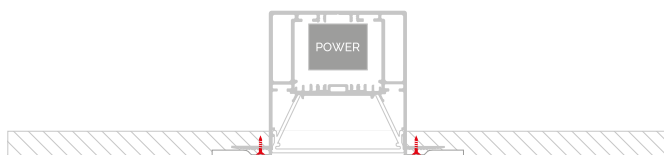
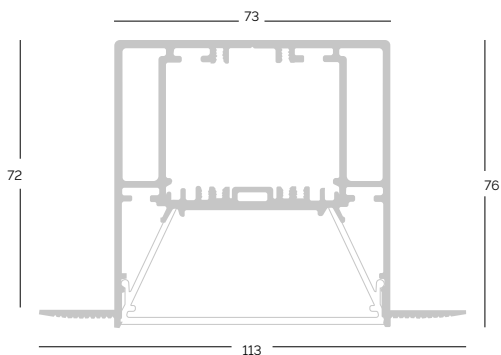
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 113x76 mm     |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 70° C         |
| Vida útil / Lifetime           | 60Kh (L80B10) |
| Garantía / Warranty            | 5 años/years  |



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on a 1137 mm and 4000K luminaire.

## Detalle constructivo e instalación *Design detail and installation*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

## Pletinas conexión *Extender*



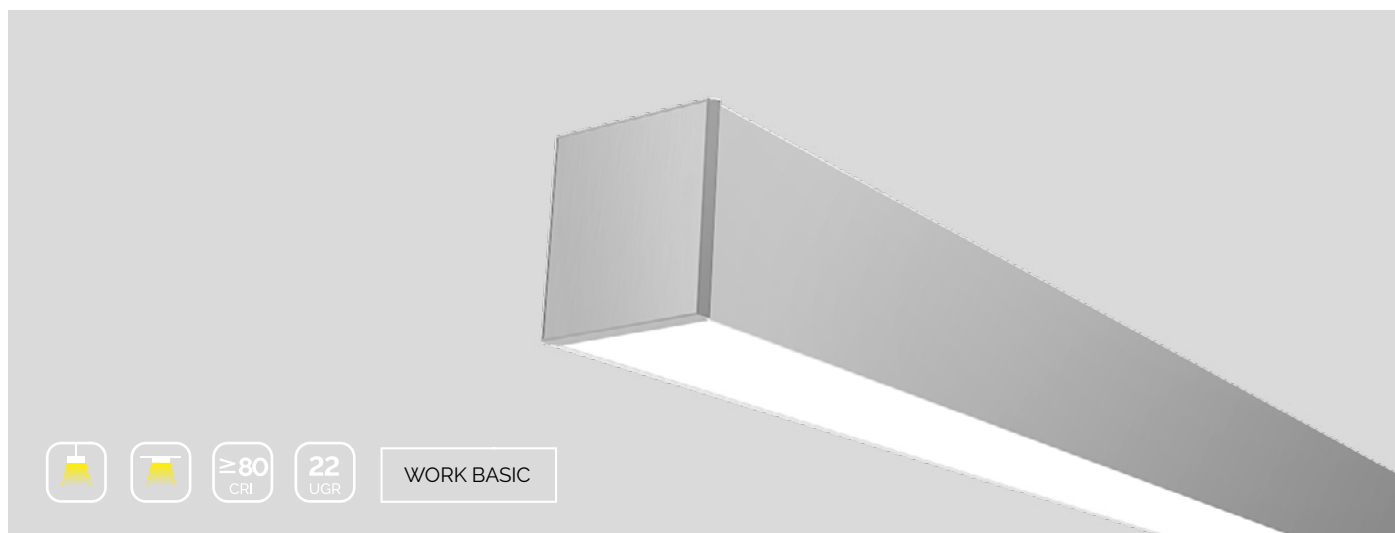
Tipo "I" 180° (Pack 4)  
"I" Type 180° (Pack 4)  
Acero/Steel

10201000



Tipo "L" 90° (Pack 4)  
"L" Type 90° (Pack 4)  
Acero/Steel

10219000



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129019 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 1137 mm           | 36 W              | 4200 lm           | 116 lm/W             | 4000K                 |
| 10123019 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3992 lm           | 110 lm/W             | 3000K                 |
| 10135019 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3850 lm           | 107 lm/W             | 2700K                 |
| 10130019 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 5250 lm           | 116 lm/W             | 4000K                 |
| 10124019 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4990 lm           | 110 lm/W             | 3000K                 |
| 10136019 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4815 lm           | 107 lm/W             | 2700K                 |
| 10131019 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 6300 lm           | 116 lm/W             | 4000K                 |
| 10125019 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5988 lm           | 110 lm/W             | 3000K                 |
| 10137019 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5778 lm           | 107 lm/W             | 2700K                 |
| 10132019 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 8400 lm           | 116 lm/W             | 4000K                 |
| 10126019 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7984 lm           | 110 lm/W             | 3000K                 |
| 10138019 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7704 lm           | 107 lm/W             | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129019ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1137 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

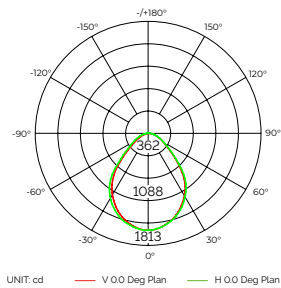
### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <22               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

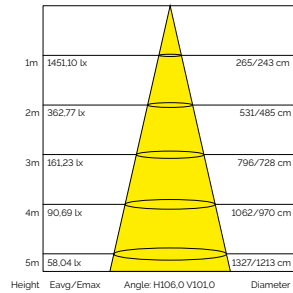
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 50x75 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 85° C         |
| Vida útil / Lifetime           | 60Kh (L80B20) |
| Garantía / Warranty            | 5 años/years  |

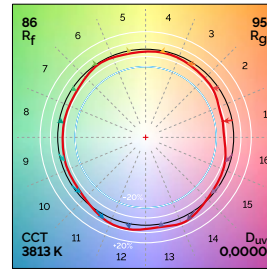
Distribución luminosa  
Light intensity distribution



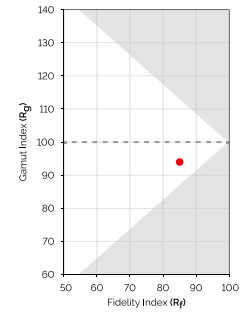
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

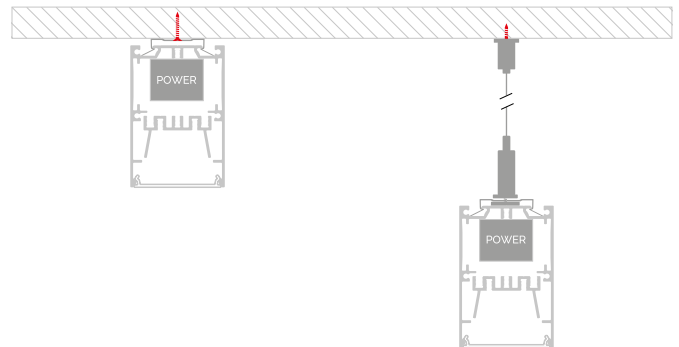
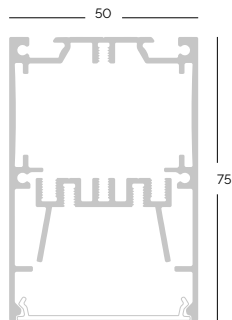


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on a 1137 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pletinas conexión  
Extender



Tipo "I" 180°  
"I" Type 180°  
Acero/Steel

08461175



Tipo "L" 90°  
"L" Type 90°  
Acero/Steel

08469075

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

Fuen. PSU

Accesorios sujeción  
Mounting clips



Set cables suspensión  
Pendant wires set  
2m

08467075



Clip superficie  
Surface clip  
Acero/Steel

08466075



| Referencia<br>Code                                                                   | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10129018 <input type="checkbox"/> <input type="checkbox"/> <sup>A</sup> <sup>R</sup> | 1137 mm           | 36 W              | 4200 lm           | 116 lm/W             | 4000K                 |
| 10123018 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3992 lm           | 110 lm/W             | 3000K                 |
| 10135018 <input type="checkbox"/> <input type="checkbox"/>                           | 1137 mm           | 36 W              | 3850 lm           | 107 lm/W             | 2700K                 |
| 10130018 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 5250 lm           | 116 lm/W             | 4000K                 |
| 10124018 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4990 lm           | 110 lm/W             | 3000K                 |
| 10136018 <input type="checkbox"/> <input type="checkbox"/>                           | 1417 mm           | 45 W              | 4815 lm           | 107 lm/W             | 2700K                 |
| 10131018 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 6300 lm           | 116 lm/W             | 4000K                 |
| 10125018 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5988 lm           | 110 lm/W             | 3000K                 |
| 10137018 <input type="checkbox"/> <input type="checkbox"/>                           | 1697 mm           | 54 W              | 5778 lm           | 107 lm/W             | 2700K                 |
| 10132018 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 8400 lm           | 116 lm/W             | 4000K                 |
| 10126018 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7984 lm           | 110 lm/W             | 3000K                 |
| 10138018 <input type="checkbox"/> <input type="checkbox"/>                           | 2257 mm           | 72 W              | 7704 lm           | 107 lm/W             | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)  
R = Regulación/Dimming (N=No regulado/No dimming | R=0/1-10V | D=DALI)

Ejem. | Eg.: 10129018ND  
Negro, DALI / Black, DALI

### Características eléctricas / Electrical data

|                                   |                     |
|-----------------------------------|---------------------|
| Tensión / Voltage                 | 220-240 VAC / 50 Hz |
| Potencia / Power                  | 36 W@1137 mm        |
| Factor de potencia / Power Factor | >0,9                |
| Regulación / Dimming              | 0/1-10V, DALI       |

### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3 SDCM            |
| UGR                                   | <22               |
| Ángulo / Angle                        | 105°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1               |

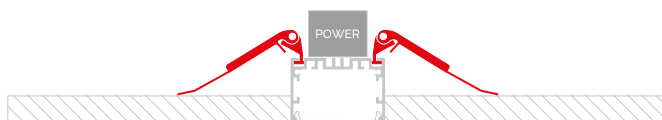
### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5     |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 65x35 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -40°C/55°C    |
| Tc                             | 85° C         |
| Vida útil / Lifetime           | 60Kh (L80B20) |
| Garantía / Warranty            | 5 años/years  |



A polar plot showing the angular distribution of the 1101 and 367 counts. The plot has concentric circles for counts and radial lines for angles. The 1101 count peak is circled in red.

| Height | Eavg/Emax  | Angle        | Diameter |
|--------|------------|--------------|----------|
| 1m     | 1468.12 lx | 259/232 cm   |          |
| 2m     | 367.03 lx  | 519/463 cm   |          |
| 3m     | 163.12 lx  | 778/695 cm   |          |
| 4m     | 91.76 lx   | 1037/926 cm  |          |
| 5m     | 58.72 lx   | 1297/1158 cm |          |



08461545



08461445

08466045

Accessory already included. Quantity according to luminaire length.



**157** LUMINARIAS / LUMINAIRES

# CUR VE



**CURVE** es la respuesta en iluminación lineal **decorativa** a las necesidades presentes y futuras de los **equipos creativos** de los estudios de decoración más ambiciosos. La familia CURVE se **libera** de convencionalismos, en lo que a iluminación lineal tradicional se refiere, para dar forma física a la **creatividad** de los equipos de diseño. Con CURVE todos los **elementos** aportan una nueva **variante** en cada diseño haciéndolo **único e infinito**.

***CURVE** is the **decorative** linear lighting answer to the current and future needs of **creative teams** at the most ambitious designer studios. The CURVE family is **free** of the conventionalism of traditional linear lighting, allowing the **creativity** of the designer teams to take shape. With CURVE, all **elements** provide a new **variant** in each design, making it **unique and infinite**.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

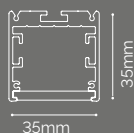
Cont.

Fuen.  
PSU

# CURVE FINISH

Emisión Simple  
*Simple lighting*

AS3535



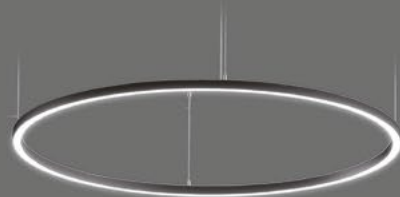
Ø 1500 mm



Ø 1500 mm



Ø 1500 mm



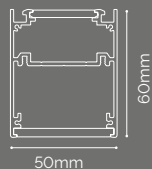
Ø 800 mm



# Emisión Doble

## Double lighting

AH5060



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# ¿Quieres lacar tus luminarias?

Do you want to lacquer your luminaires?



¡Consulta con nuestro departamento comercial!

*Ask our commercial department!*



Disponemos de determinadas luminarias en stock, ya lacadas en blanco o negro para agilizar las entregas. Busca este símbolo.

*We have a selection of luminaires already lacquered in black and white in stock, in order to speed up deliveries. Look for this symbol!*



Personalizamos el lacado de las luminarias con el RAL solicitado. ¡Consulta con nuestro departamento comercial!

*We customise the colour of your luminaires with the requested RAL. Ask our commercial department!*



Recuerda que independientemente del largo de la luminaria, disponemos de un servicio de corte y manipulado a medida.

*Remember that we have a custom cut service, whatever the length of the luminaire.*

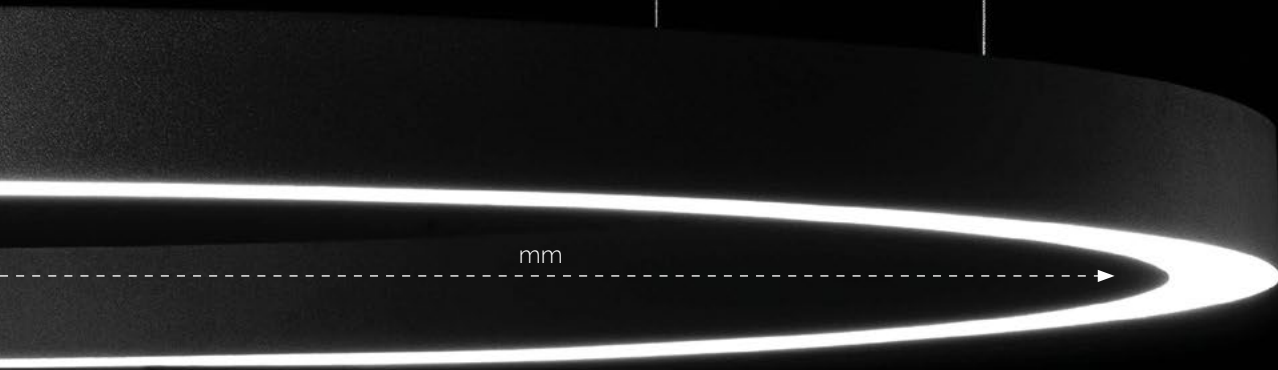
(Servicio de corte, manipulado y color personalizado también en perfiles)

(Custom colouring, cutting and handling service for profiles too!)

NOVEDAD / NEW

# ¿Necesitas personalizar el diámetro?

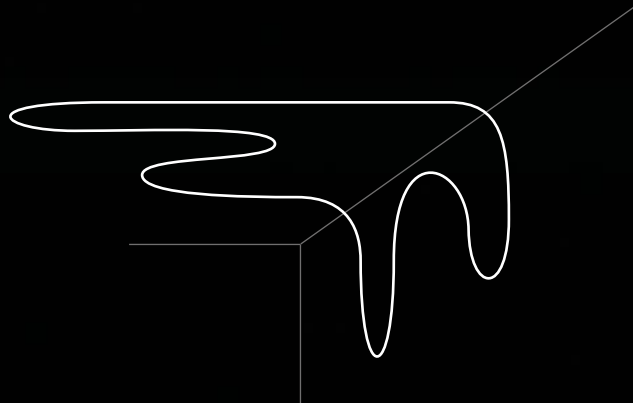
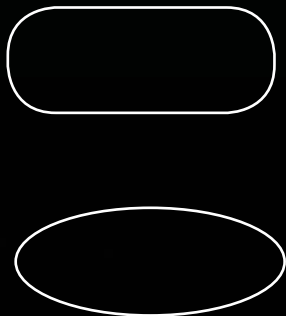
Do you need to customize the diameter?

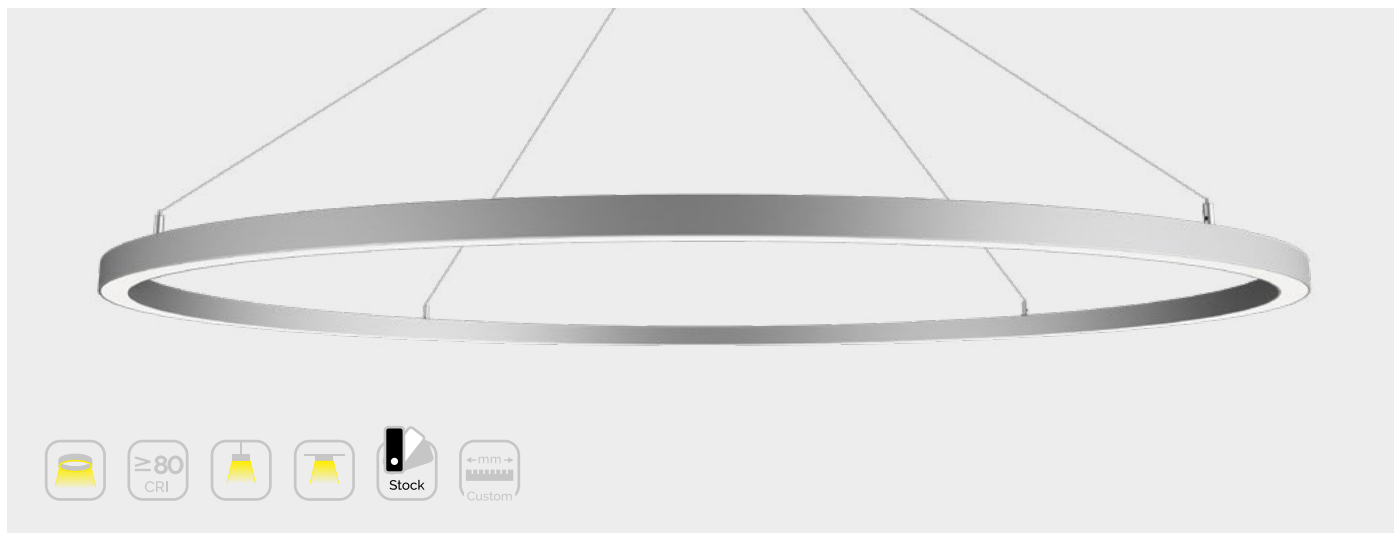


NOVEDAD / NEW

También podemos personalizar los diámetros de CREATE  
para formar los diseños que imagines

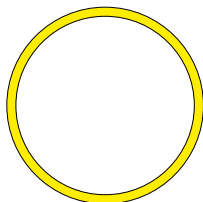
*We can also customize the diameters of CREATE  
to form any design you can imagine*





| Referencia<br>Code | Modelo<br>Model | Ø    | Potencia<br>Power | Lum. | Tª Color<br>Colour T. |
|--------------------|-----------------|------|-------------------|------|-----------------------|
|                    |                 | mm   | W                 | lm   |                       |
| 10137008           | AS08A360        | 800  | 43                | 2250 | 4000K                 |
| 10136008           | AS08A360        | 800  | 43                | 2200 | 3000K                 |
| 10146008           | AS08A360        | 800  | 43                | 2100 | 2700K                 |
| 10139008           | AS15A360        | 1500 | 81                | 4200 | 4000K                 |
| 10138008           | AS15A360        | 1500 | 81                | 4150 | 3000K                 |
| 10147008           | AS15A360        | 1500 | 81                | 4000 | 2700K                 |
| 10145008           | AS30A360        | 3000 | 162               | 8400 | 4000K                 |
| 10144008           | AS30A360        | 3000 | 162               | 8250 | 3000K                 |
| 10148008           | AS30A360        | 3000 | 162               | 8000 | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)



## Características eléctricas / Electrical data

|                      |                  |
|----------------------|------------------|
| Tensión / Voltage    | 24 VDC / 230 VAC |
| Potencia / Power     | 81 W@1500mm      |
| Regulación / Dimming | PWM              |

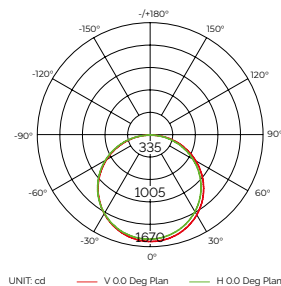
## Características ópticas / Photometric data

|                                            |        |
|--------------------------------------------|--------|
| CRI                                        | >80    |
| Consistencia / Consistency                 | 3 SDCM |
| UGR                                        | <19    |
| Ángulo / Angle                             | 120°   |
| Fidelidad y gama / Colour Fidelity & Gamut | 85/95  |
| Grupo de riesgo / Risk group               | GR1    |

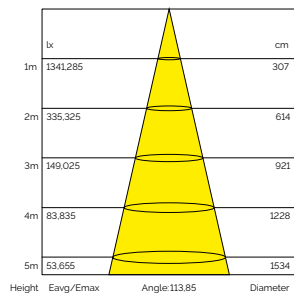
## Características técnicas / Technical data

|                          |               |
|--------------------------|---------------|
| Material / Material      | AL6063-T5     |
| Protección / Protection  | IP20          |
| Dimensiones / Size       | 35x35 mm      |
| T. ambiente / Ambient T. | -20°C + 45°C  |
| Tc                       | 65°C          |
| Vida útil / Lifetime     | 50Kh (L80B10) |
| Garantía / Warranty      | 3 años/years  |

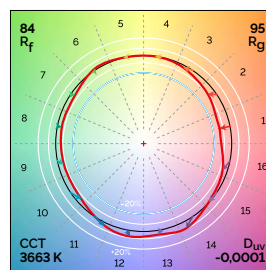
Distribución luminosa  
Light intensity distribution



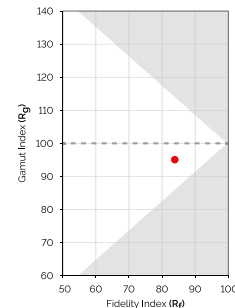
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria AS15A360 4000K. / Photometric test conducted on a 4000K AS15A360 luminaire.

## Sujecciones Mounting clips



Florón con alimentación 08A360  
Canopy with PSU 08A360

Florón con alimentación 15A360  
Canopy with PSU 15A360  
250x20x0,6 mm / 350x20x0,6 mm

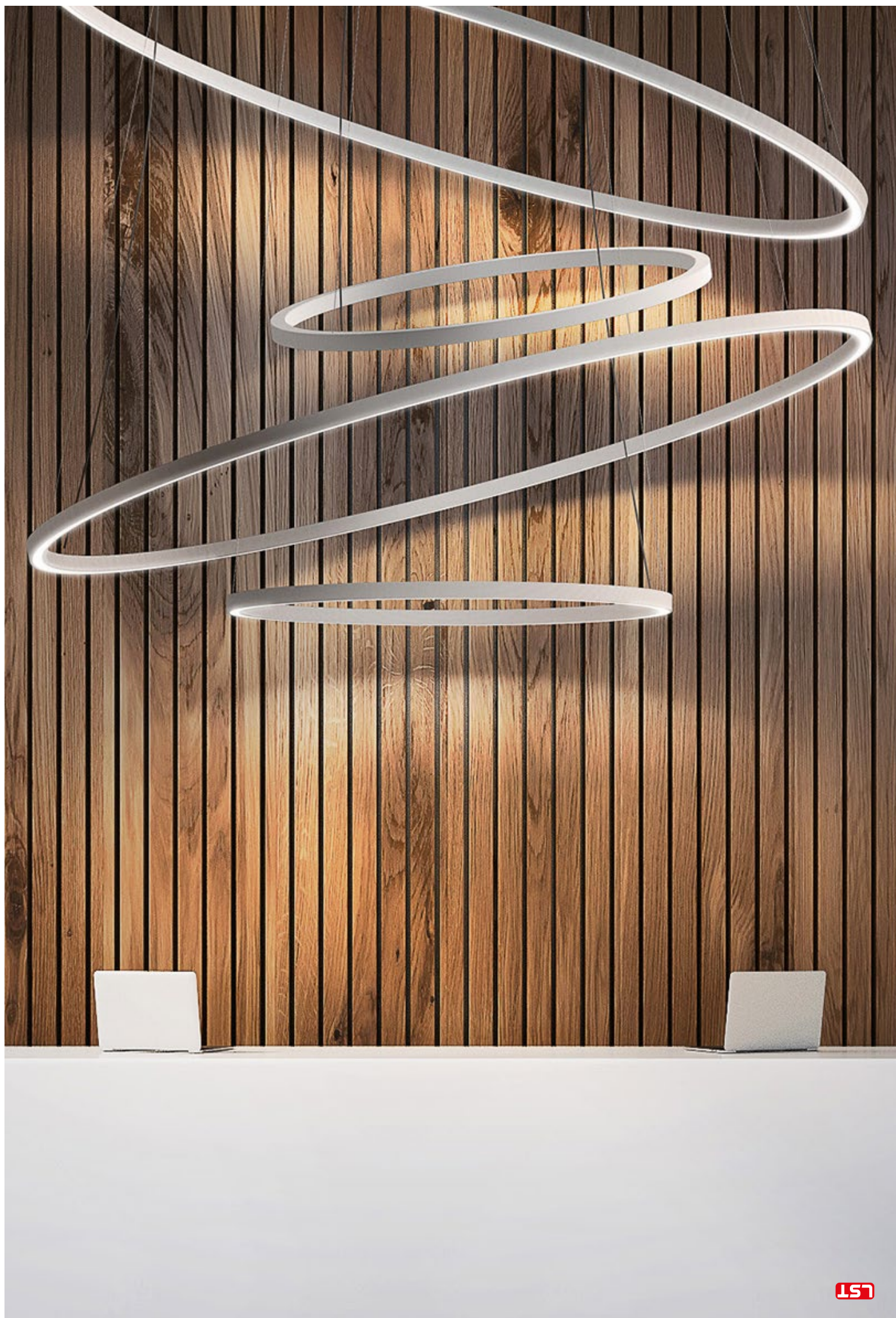
- 10357000
- 10357000N
- 10357000B
- 10358000
- 10358000N
- 10358000B



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10338000





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

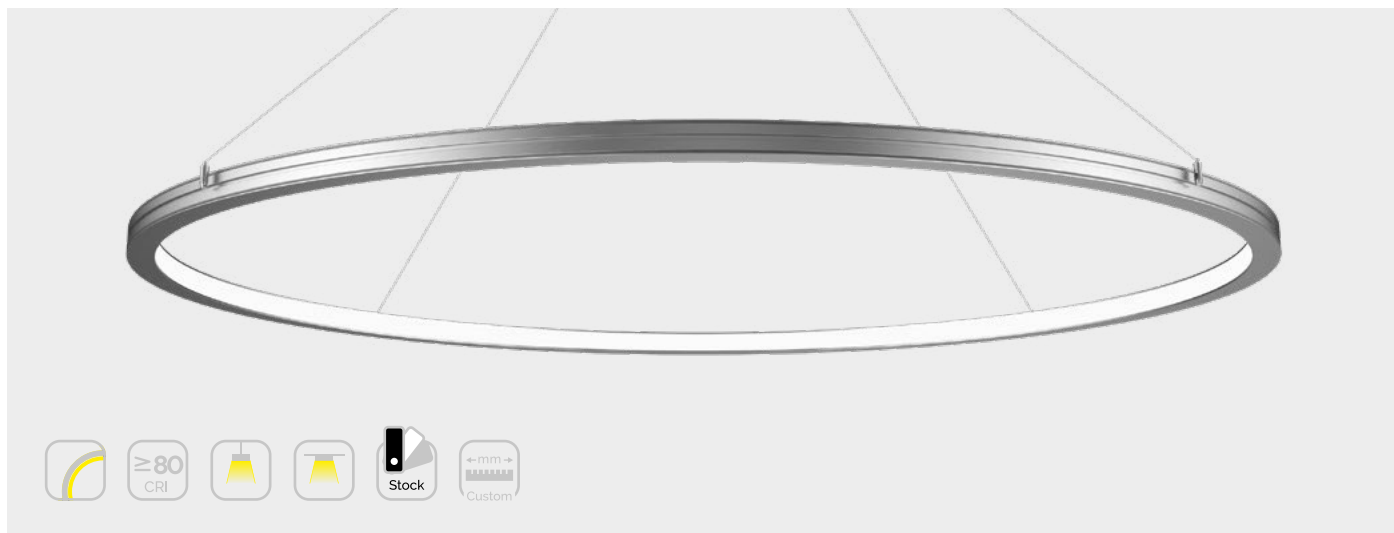
Prod.

Deco.

Mod.

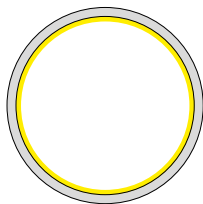
Cont.

Fuen.  
PSU



| Referencia<br>Code | Modelo<br>Model | Ø    | Potencia<br>Power | Lum. | Tª Color<br>Colour T. |
|--------------------|-----------------|------|-------------------|------|-----------------------|
|                    |                 | mm   | W                 | lm   |                       |
| 10141008           | AS15N360        | 1500 | 77                | 4200 | 4000K                 |
| 10140008           | AS15N360        | 1500 | 77                | 4150 | 3000K                 |
| 10149008           | AS15N360        | 1500 | 77                | 4000 | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)



### Características eléctricas / Electrical data

|                      |                  |
|----------------------|------------------|
| Tensión / Voltage    | 24 VDC / 230 VAC |
| Potencia / Power     | 81 W@1500mm      |
| Regulación / Dimming | PWM              |

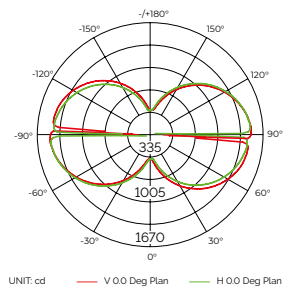
### Características ópticas / Photometric data

|                                            |        |
|--------------------------------------------|--------|
| CRI                                        | >80    |
| Consistencia / Consistency                 | 3 SDCM |
| UGR                                        | <19    |
| Ángulo / Angle                             | 120°   |
| Fidelidad y gama / Colour Fidelity & Gamut | 85/95  |
| Grupo de riesgo / Risk group               | GR1    |

### Características técnicas / Technical data

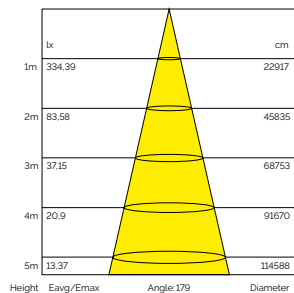
|                          |               |
|--------------------------|---------------|
| Material / Material      | AL6063-T5     |
| Protección / Protection  | IP20          |
| Dimensiones / Size       | 35x35 mm      |
| T. ambiente / Ambient T. | -20°C + 45°C  |
| Tc                       | 65°C          |
| Vida útil / Lifetime     | 50Kh (L80B10) |
| Garantía / Warranty      | 3 años/years  |

Distribución luminosa  
Light intensity distribution



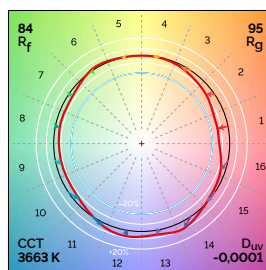
UNIT: cd

Iluminancia  
Illuminance

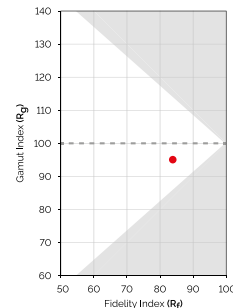


Height Eavg/Emax Angle: 179 Diameter

Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria AS15N360 4000K. / Photometric test conducted on a 4000K AS15N360 luminaire.

### Sujecciones Mounting clips



Florón con alimentación 15N360  
Canopy with PSU 15N360  
350x20x0,6 mm

- 10358000
- 10358000N
- 10358000B



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

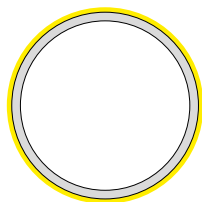
10338000





| Referencia<br>Code | Modelo<br>Model | Ø    | Potencia<br>Power | Lum. | Tª Color<br>Colour T. |
|--------------------|-----------------|------|-------------------|------|-----------------------|
|                    |                 | mm   | W                 | lm   |                       |
| 10143008 <b>A</b>  | AS15W360        | 1500 | 77                | 4200 | 4000K                 |
| 10142008           | AS15W360        | 1500 | 77                | 4150 | 3000K                 |
| 10150008           | AS15W360        | 1500 | 77                | 4000 | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)



### Características eléctricas / Electrical data

|                      |                  |
|----------------------|------------------|
| Tensión / Voltage    | 24 VDC / 230 VAC |
| Potencia / Power     | 81 W@1500mm      |
| Regulación / Dimming | PWM              |

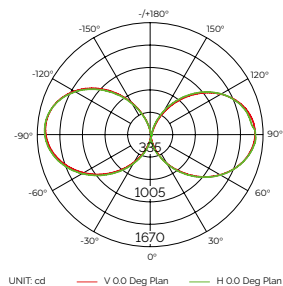
### Características ópticas / Photometric data

|                                            |        |
|--------------------------------------------|--------|
| CRI                                        | >80    |
| Consistencia / Consistency                 | 3 SDCM |
| UGR                                        | <19    |
| Ángulo / Angle                             | 2x120° |
| Fidelidad y gama / Colour Fidelity & Gamut | 85/95  |
| Grupo de riesgo / Risk group               | GR1    |

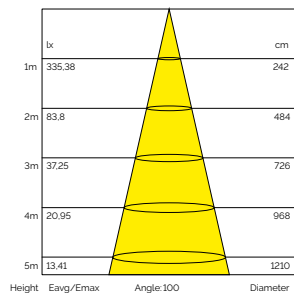
### Características técnicas / Technical data

|                          |               |
|--------------------------|---------------|
| Material / Material      | AL6063-T5     |
| Protección / Protection  | IP20          |
| Dimensiones / Size       | 35x35 mm      |
| T. ambiente / Ambient T. | -20°C + 45°C  |
| Tc                       | 65°C          |
| Vida útil / Lifetime     | 50Kh (L80B10) |
| Garantía / Warranty      | 3 años/years  |

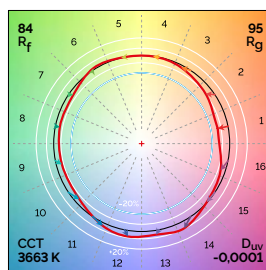
Distribución luminosa  
Light intensity distribution



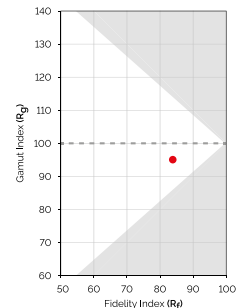
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria AS15W360 4000K. / Photometric test conducted on a 4000K AS15W360 luminaire.

### Sujecciones Mounting clips



Florón con alimentación 15W360  
Canopy with PSU 15W360  
350x20x0,6 mm

- 10358000
- 10358000N
- 10358000B



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10338000





Tira  
Strip

Acc.

Silic.

SW/L

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

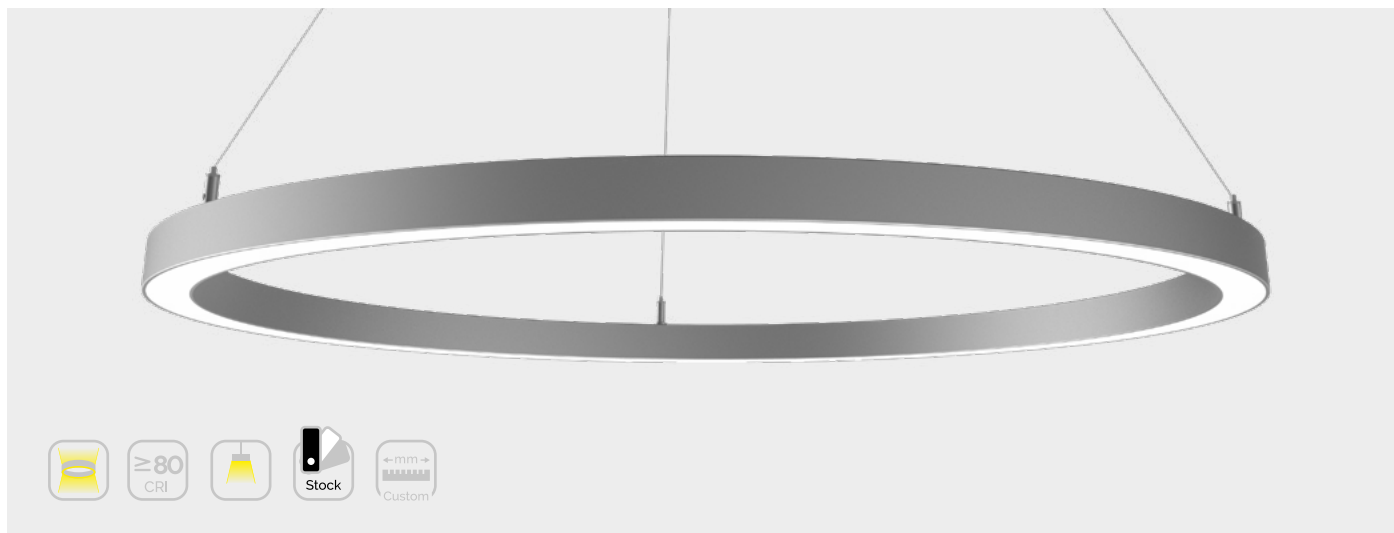
Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code | Modelo<br>Model | Ø    | Potencia<br>Power | Lum.   | Tª Color<br>Colour T. |
|--------------------|-----------------|------|-------------------|--------|-----------------------|
|                    |                 | mm   | W                 | lm     |                       |
| 10137020           | AH10A360        | 1000 | 107               | 2x2800 | 4000K                 |
| 10136020           | AH10A360        | 1000 | 107               | 2x2750 | 3000K                 |
| 10146020           | AH10A360        | 1000 | 107               | 2x2650 | 2700K                 |
| 10139020           | AH15A360        | 1500 | 162               | 2x4200 | 4000K                 |
| 10138020           | AH15A360        | 1500 | 162               | 2x4150 | 3000K                 |
| 10147020           | AH15A360        | 1500 | 162               | 2x4000 | 2700K                 |
| 10145020           | AH30A360        | 3000 | 325               | 2x8400 | 4000K                 |
| 10144020           | AH30A360        | 3000 | 325               | 2x8250 | 3000K                 |
| 10148020           | AH30A360        | 3000 | 325               | 2x8000 | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)

## Características eléctricas / Electrical data

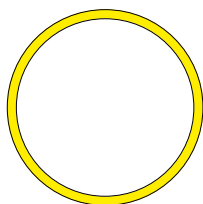
|                      |                  |
|----------------------|------------------|
| Tensión / Voltage    | 24 VDC / 230 VAC |
| Potencia / Power     | 186 W@1500mm     |
| Regulación / Dimming | PWM              |

## Características ópticas / Photometric data

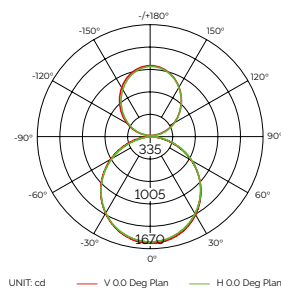
|                                            |        |
|--------------------------------------------|--------|
| CRI                                        | >80    |
| Consistencia / Consistency                 | 3 SDCM |
| UGR                                        | <19    |
| Ángulo / Angle                             | 2x120° |
| Fidelidad y gama / Colour Fidelity & Gamut | 85/95  |
| Grupo de riesgo / Risk group               | GR1    |

## Características técnicas / Technical data

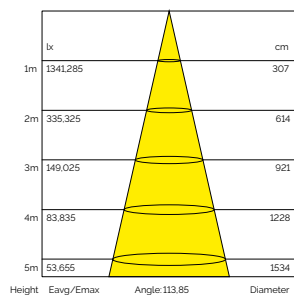
|                          |               |
|--------------------------|---------------|
| Material / Material      | AL6063-T5     |
| Protección / Protection  | IP20          |
| Dimensiones / Size       | 50x60 mm      |
| T. ambiente / Ambient T. | -20°C + 45°C  |
| Tc                       | 65°C          |
| Vida útil / Lifetime     | 50Kh (L80B10) |
| Garantía / Warranty      | 3 años/years  |



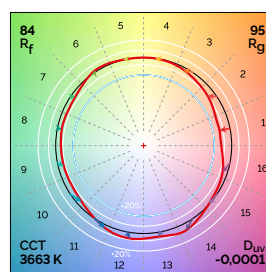
Distribución luminosa  
Light intensity distribution



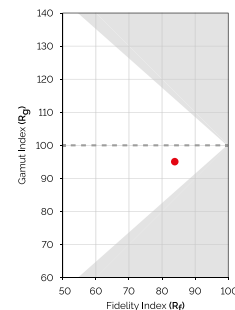
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria AH15A360 4000K. / Photometric test conducted on a 4000K AH15A360 luminaire.

## Sujecciones Mounting clips



Florón con alimentación 10A360  
Canopy with PSU 10A360

Florón con alimentación 15A360  
Canopy with PSU 15A360

250x20x0,6 mm / 350x20x0,6 mm

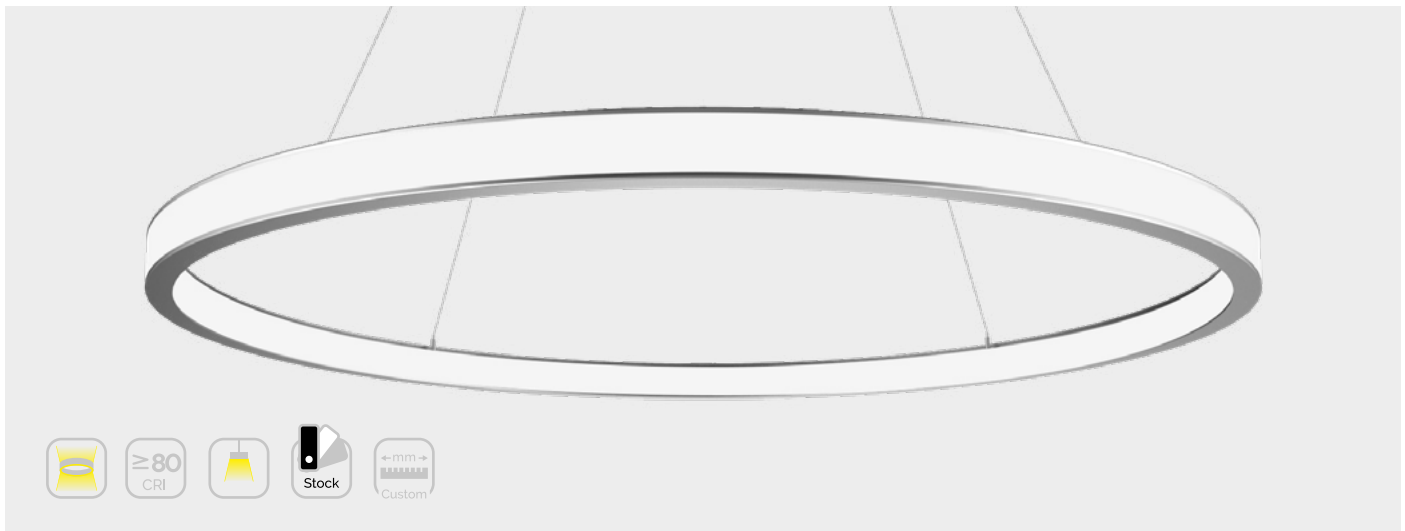
- 10359000
- 10359000N
- 10359000B
- 10363000
- 10363000N
- 10363000B



Cables susp. + caja conex.  
Pendant wires + junction box

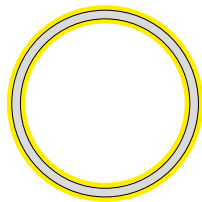
2 m

10340000



| Referencia<br>Code | Modelo<br>Model | Ø    | Potencia<br>Power | Lum.<br>lm | Tª Color<br>Colour T. |
|--------------------|-----------------|------|-------------------|------------|-----------------------|
|                    |                 | mm   | W                 |            |                       |
| 10141020           | AH15W360        | 1500 | 154               | 2x4200     | 4000K                 |
| 10140020           | AH15W360        | 1500 | 154               | 2x4150     | 3000K                 |
| 10149020           | AH15W360        | 1500 | 154               | 2x4000     | 2700K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)



### Características eléctricas / Electrical data

|                      |                  |
|----------------------|------------------|
| Tensión / Voltage    | 24 VDC / 230 VAC |
| Potencia / Power     | 186 W@1500mm     |
| Regulación / Dimming | PWM              |

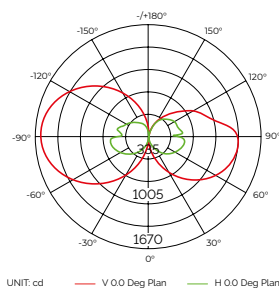
### Características ópticas / Photometric data

|                                            |        |
|--------------------------------------------|--------|
| CRI                                        | >80    |
| Consistencia / Consistency                 | 3 SDCM |
| UGR                                        | <19    |
| Ángulo / Angle                             | 2x120° |
| Fidelidad y gama / Colour Fidelity & Gamut | 85/95  |
| Grupo de riesgo / Risk group               | GR1    |

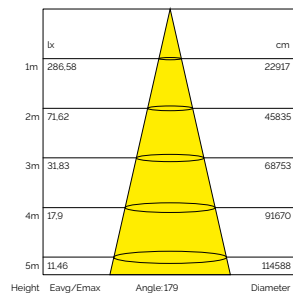
### Características técnicas / Technical data

|                          |               |
|--------------------------|---------------|
| Material / Material      | AL6063-T5     |
| Protección / Protection  | IP20          |
| Dimensiones / Size       | 50x60 mm      |
| T. ambiente / Ambient T. | -20°C + 45°C  |
| Tc                       | 65°C          |
| Vida útil / Lifetime     | 50Kh (L80B10) |
| Garantía / Warranty      | 3 años/years  |

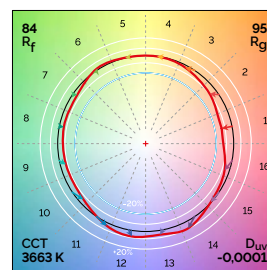
Distribución luminosa  
Light intensity distribution



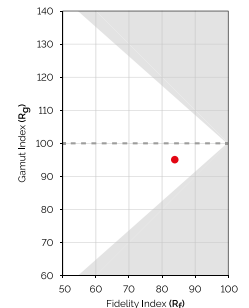
Iluminancia  
Illuminance



Vector gráfico de color  
Color vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria AH15W360 4000K. / Photometric test conducted on a 4000K AH15W360 luminaire.

### Sujecciones Mounting clips



Florón con alimentación 15W360  
Canopy with PSU 15W360  
350x20x0,6 mm

- 10363000
- 10363000N
- 10363000B



Cables susp. + caja conex.  
Pendant wires + junction box  
2 m

10340000



# CURVE VE CREATE

Emisión Simple  
*Simple lighting*

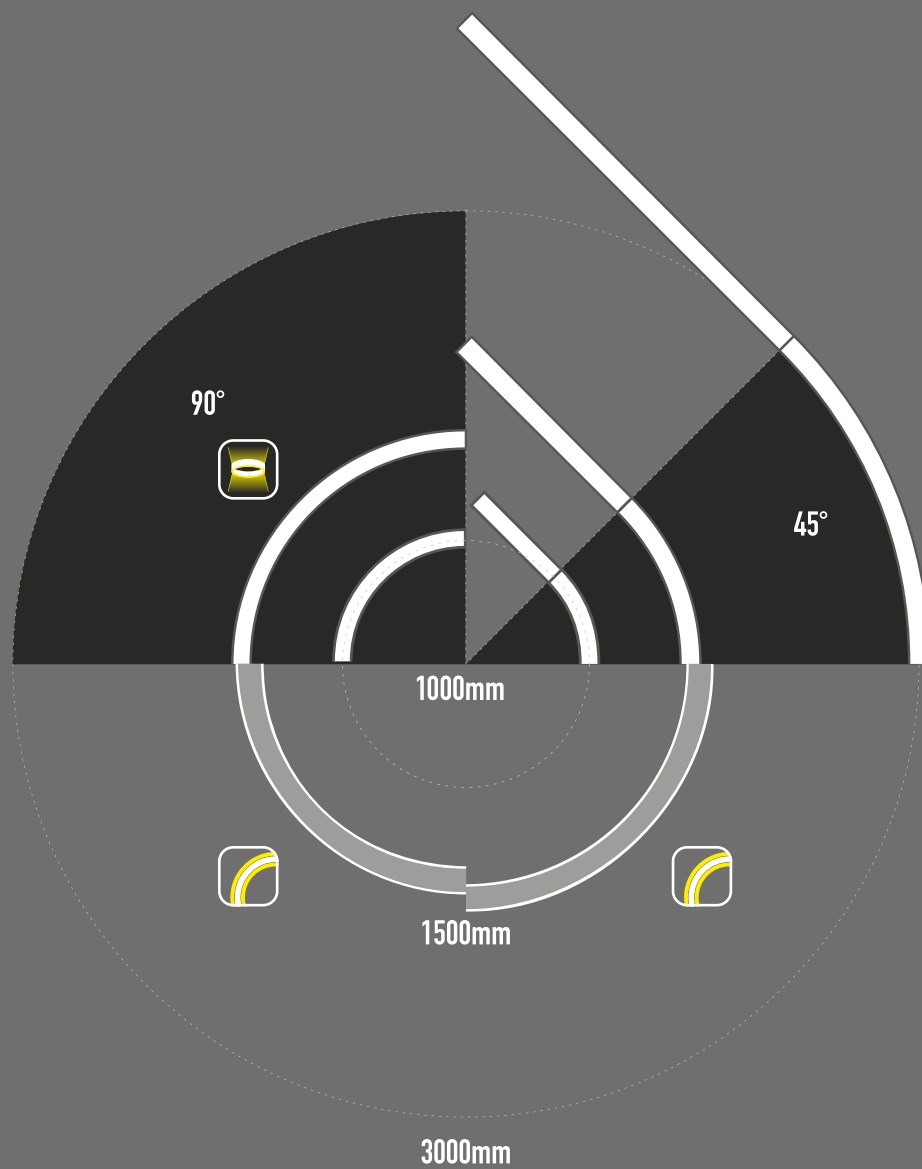
AS3535



# Emisión Doble

*Double lighting*

AH5060



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

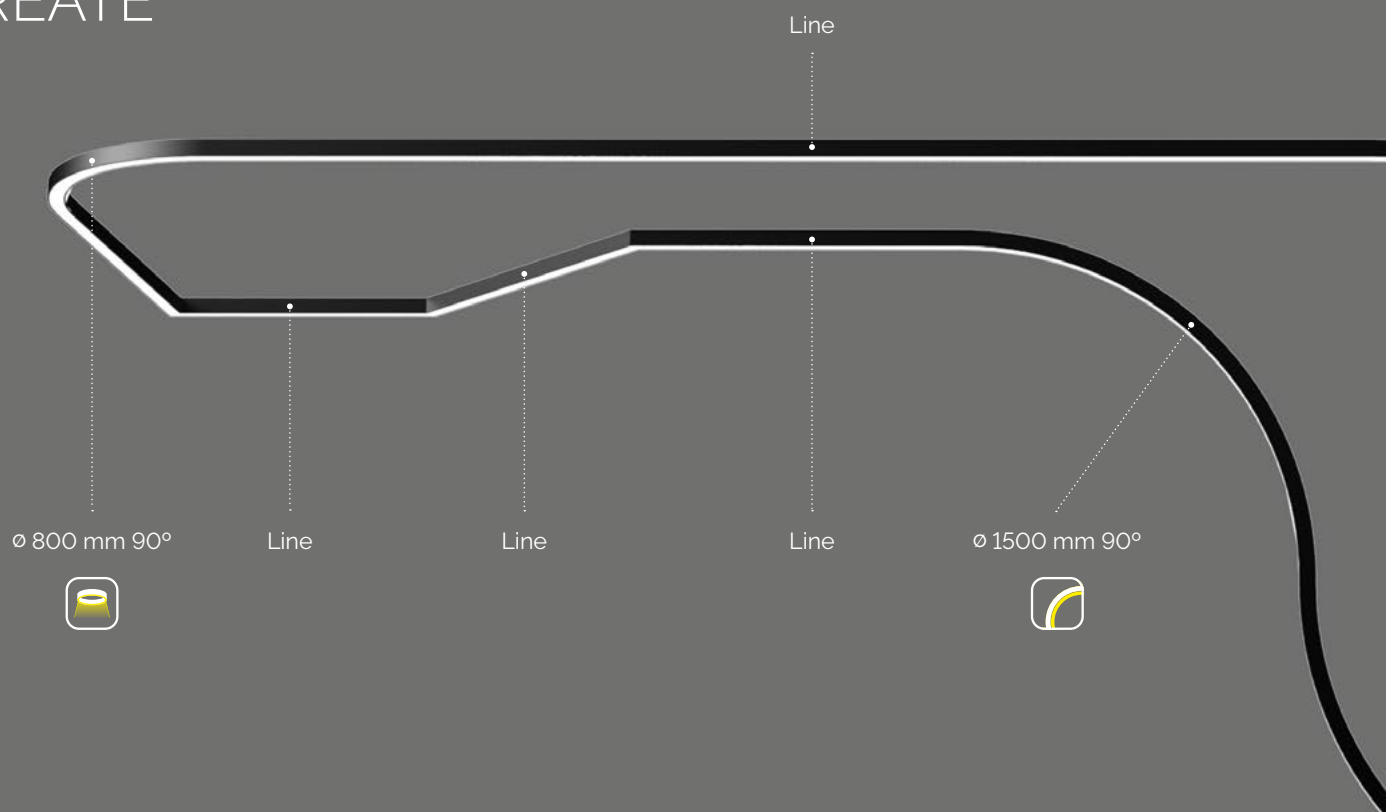
Deco.

Mod.

Cont.

Fuen.  
PSU

# CURVE VE CREATE



## PERSONALIZACIÓN CUSTOMIZING

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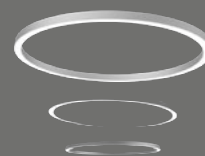


### Diseño modular

Los 8 módulos pueden combinarse e interconectarse libremente en base al diseño espacial.

### Modular Design

*The 8 modules can be freely combined and interconnected in response to spatial design.*



### Aplicación circular

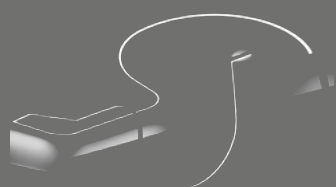
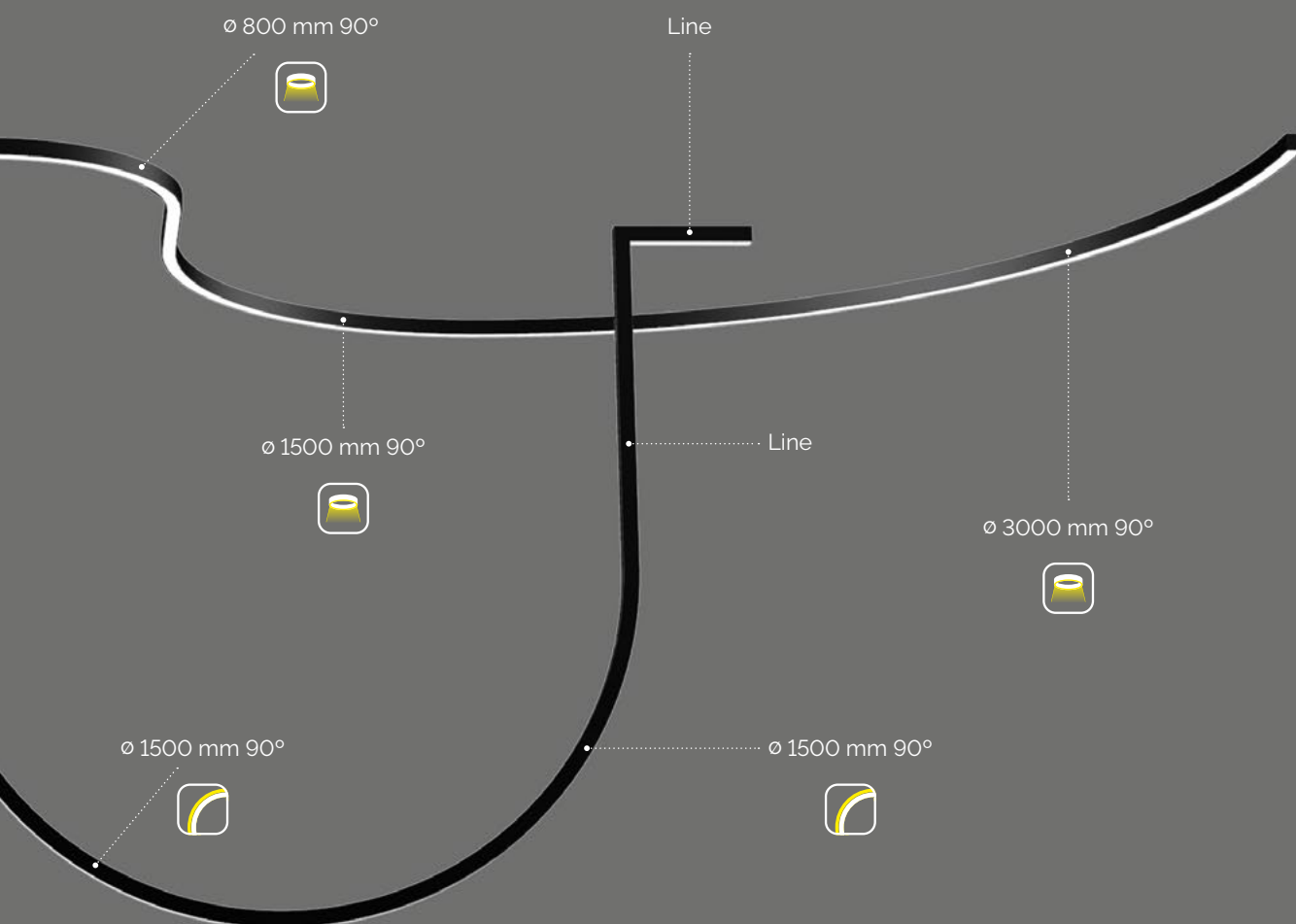
Los módulos se pueden interconectar como luminarias circulares con diferentes diámetros.

### Circular application

*Modules can be interconnected as circular luminaires with different diameters.*

# Infinitas posibilidades

## *An infinite number of possibilities*



### Aplicaciones curvas

Los módulos pueden interconectarse en forma de curva con diferentes radios.

### *Curved application*

*Modules can be interconnected forming curves with different radius.*



### Difusor flexible

20 m/rollo de difusor flexible, extra largo para aplicaciones en espacios 3D sin conexión y por tanto sin fugas de luz. Los 8 módulos utilizan el mismo difusor.

### *Flexible diffuser*

*20 m/roll of flexible diffuser, extra-long for applications in 3D spaces without connections (and hence light leaks). The 8 modules use the same diffuser.*

| Modelo<br>Model | Detalle<br>Detail                                                                   | Ø       | Referencia<br>Code | Tª Color<br>Colour T. | Lúmenes<br>Lumens | Tensión<br>Voltage |
|-----------------|-------------------------------------------------------------------------------------|---------|--------------------|-----------------------|-------------------|--------------------|
| Line AS2500     |    | -       | 10155008           | 2700 K                | 2090              | 24 VDC             |
|                 |                                                                                     |         | 10115008           | 3000 K                | 2200              |                    |
|                 |                                                                                     |         | 10121008           | 4000 K                | 2100              |                    |
| TSL AS80A45     |    | 800 mm  | 10156008           | 2700 K                | 260               | 24 VDC             |
|                 |                                                                                     |         | 10122008           | 3000 K                | 275               |                    |
|                 |                                                                                     |         | 10121008           | 4000 K                | 280               |                    |
| TSL AS08A90     |    | 800 mm  | 10157008           | 2700 K                | 525               | 24 VDC             |
|                 |                                                                                     |         | 10124008           | 3000 K                | 550               |                    |
|                 |                                                                                     |         | 10125008           | 4000 K                | 560               |                    |
| TSL AS15A45     |    | 1500 mm | 10158008           | 2700 K                | 525               | 24 VDC             |
|                 |                                                                                     |         | 10126008           | 3000 K                | 520               |                    |
|                 |                                                                                     |         | 10127008           | 4000 K                | 525               |                    |
| TSL AS15A90     |   | 1500 mm | 10159008           | 2700 K                | 1045              | 24 VDC             |
|                 |                                                                                     |         | 10128008           | 3000 K                | 1040              |                    |
|                 |                                                                                     |         | 10129008           | 4000 K                | 1050              |                    |
| TSL AS30A45     |  | 3000 mm | 10162008           | 2700 K                | 1045              | 24 VDC             |
|                 |                                                                                     |         | 10134008           | 3000 K                | 1040              |                    |
|                 |                                                                                     |         | 10135008           | 4000 K                | 1050              |                    |
| TSL AS15N90     |  | 1500 mm | 10160008           | 2700 K                | 995               | 24 VDC             |
|                 |                                                                                     |         | 10130008           | 3000 K                | 1050              |                    |
|                 |                                                                                     |         | 10131008           | 4000 K                | 1075              |                    |
| TSL AS15W90     |  | 1500 mm | 10161008           | 2700 K                | 995               | 24 VDC             |
|                 |                                                                                     |         | 10132008           | 3000 K                | 1050              |                    |
|                 |                                                                                     |         | 10133008           | 4000 K                | 1075              |                    |



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### Tapas End caps



Sin pasacable  
Without hole

- 10401008
- 10401008N
- 10401008B

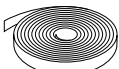
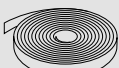
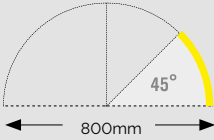
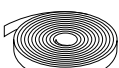
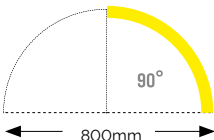
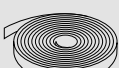
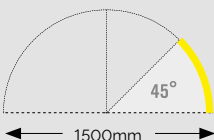
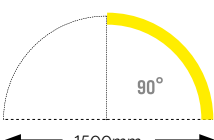
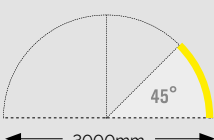
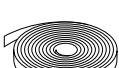
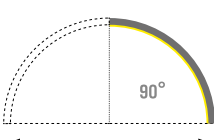
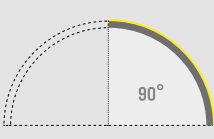
### Conexiones Extender



Set interconexión  
Extender set  
Acero / Steel

10223000



| Potencia<br>Power | Emisión<br>Emission                                                                 | Lacado stock<br>Lacquered stock                                                     | Instalación<br>Installation                                                         | Difusor<br>Diffuser                                                                             | Tamaño<br>Size  |
|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 42 W/u            |    |    |    | <br>Silic.   | 2500 mm                                                                                            |
| 5,4 W/u           |    |    |    | <br>Silic.   |                 |
| 10,8 W/u          |    |    |    | <br>Silic.   |                 |
| 10,2 W/u          |    |    |    | <br>Silic.   |                 |
| 20,4 W/u          |   |  |   | <br>Silic.  |                |
| 20,4 W/u          |  |  |  | <br>Silic. |               |
| 19,3 W/u          |  |  |  | <br>Silic. |               |
| 19,3 W/u          |  |  |  | <br>Silic. |               |

- Tira Strip
- Acc.
- Silic.
- SWL
- Circ.
- Perf. Prof.
- Lite
- Pro
- Work
- Curve
- Julia
- Track
- Arqu. Arch.
- Prod.
- Deco.
- Mod.
- Cont.

Acc. Sujeción  
Mounting clips



Set cables suspensión 10335000  
Pendant cable set  
Acero / Steel



Superficie 10305000  
Surface  
Acero / Steel



Superficie int./ext. 10304000  
Surface inner/outer  
Acero / Steel



| Modelo<br>Model | Detalle<br>Detail                                                                   | Ø       | Referencia<br>Code | Tª Color<br>Colour T. | Lúmenes<br>Lumens | Tensión<br>Voltage |
|-----------------|-------------------------------------------------------------------------------------|---------|--------------------|-----------------------|-------------------|--------------------|
| Line AH2500     |    | -       | 10155020           | 2700 K                | 2090 (x2)         | 24 VDC             |
|                 |                                                                                     |         | 10115020           | 3000 K                | 2000 (x2)         |                    |
|                 |                                                                                     |         | 10121020           | 4000 K                | 2100 (x2)         |                    |
| TSL AH10A45     |    | 1000 mm | 10156020           | 2700 K                | 330 (x2)          | 24 VDC             |
|                 |                                                                                     |         | 10122020           | 3000 K                | 345 (x2)          |                    |
|                 |                                                                                     |         | 10123020           | 4000 K                | 350 (x2)          |                    |
| TSL AH10A90     |    | 1000 mm | 10157020           | 2700 K                | 525 (x2)          | 24 VDC             |
|                 |                                                                                     |         | 10124020           | 3000 K                | 550 (x2)          |                    |
|                 |                                                                                     |         | 10125020           | 4000 K                | 560 (x2)          |                    |
| TSL AH15A45     |    | 1500 mm | 10158020           | 2700 K                | 525 (x2)          | 24 VDC             |
|                 |                                                                                     |         | 10126020           | 3000 K                | 550 (x2)          |                    |
|                 |                                                                                     |         | 10127020           | 4000 K                | 560 (x2)          |                    |
| TSL AH15A90     |   | 1500 mm | 10159020           | 2700 K                | 1045 (x2)         | 24 VDC             |
|                 |                                                                                     |         | 10128020           | 3000 K                | 1100 (x2)         |                    |
|                 |                                                                                     |         | 10129020           | 4000 K                | 1120 (x2)         |                    |
| TSL AH30A45     |  | 3000 mm | 10162020           | 2700 K                | 1045 (x2)         | 24 VDC             |
|                 |                                                                                     |         | 10134020           | 3000 K                | 1100 (x2)         |                    |
|                 |                                                                                     |         | 10135020           | 4000 K                | 1120 (x2)         |                    |
| TSL AH15N90     |  | 1500 mm | 10160020           | 2700 K                | 995 (x2)          | 24 VDC             |
|                 |                                                                                     |         | 10130020           | 3000 K                | 1050 (x2)         |                    |
|                 |                                                                                     |         | 10131020           | 4000 K                | 1075 (x2)         |                    |
| TSL AH15W90     |  | 1500 mm | 10161020           | 2700 K                | 995 (x2)          | 24 VDC             |
|                 |                                                                                     |         | 10132020           | 3000 K                | 1050 (x2)         |                    |
|                 |                                                                                     |         | 10133020           | 4000 K                | 1075 (x2)         |                    |



## PERSONALIZACIÓN / CUSTOMIZING

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### Tapas End caps



Sin pasacable  
Without hole

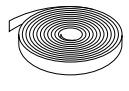
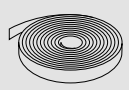
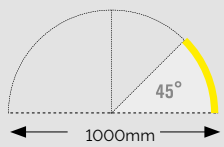
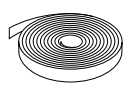
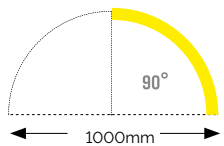
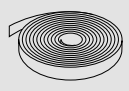
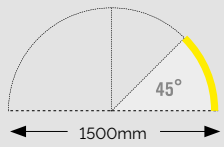
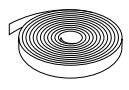
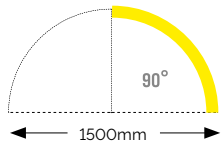
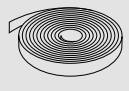
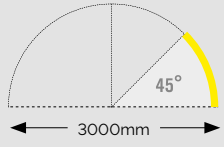
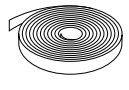
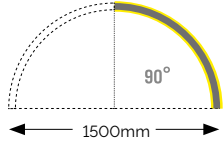
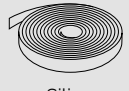
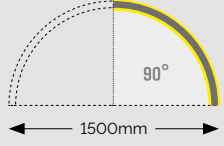
- 10401020
- 10401020N
- 10401020B

### Conexiones Extender



Set interconexión  
Extender set  
Acero / Steel

10224000

| Potencia<br><i>Power</i> | Emisión<br><i>Emission</i>                                                          | Lacado stock<br><i>Lacquered stock</i>                                              | Instalación<br><i>Installation</i>                                                  | Difusor<br><i>Diffuser</i>                                                                      | Tamaño<br><i>Size</i>  |
|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 84 W/u                   |    |    |    | <br>Silic.   | 2500 mm                                                                                                   |
| 13,4 W/u                 |    |    |    | <br>Silic.   | <br>1000mm             |
| 26,8 W/u                 |    |    |    | <br>Silic.   | <br>1000mm             |
| 20,4 W/u                 |    |    |    | <br>Silic.   | <br>1500mm             |
| 40,8 W/u                 |   |  |   | <br>Silic.  | <br>1500mm            |
| 40,8 W/u                 |  |  |  | <br>Silic. | <br>3000mm           |
| 38,5 W/u                 |  |  |  | <br>Silic. | <br>1500mm           |
| 38,5 W/u                 |  |  |  | <br>Silic. | <br>1500mm           |

- Tira Strip
- Acc.
- Silic.
- SWL
- Circ.
- Perf. Prof.
- Lite
- Pro
- Work
- Curve
- Julia
- Track
- Arqu. Arch.
- Prod.
- Deco.
- Mod.
- Cont.
- Fuen. PSU

Acc. Sujeción  
*Mounting clips*



Set cables suspensión + clips  
*Pendant cable set + clips*  
Acero / Steel

10339000



Set cables suspensión + caja de conexión  
*Pendant cable set + junction box*  
Acero / Steel

10304000





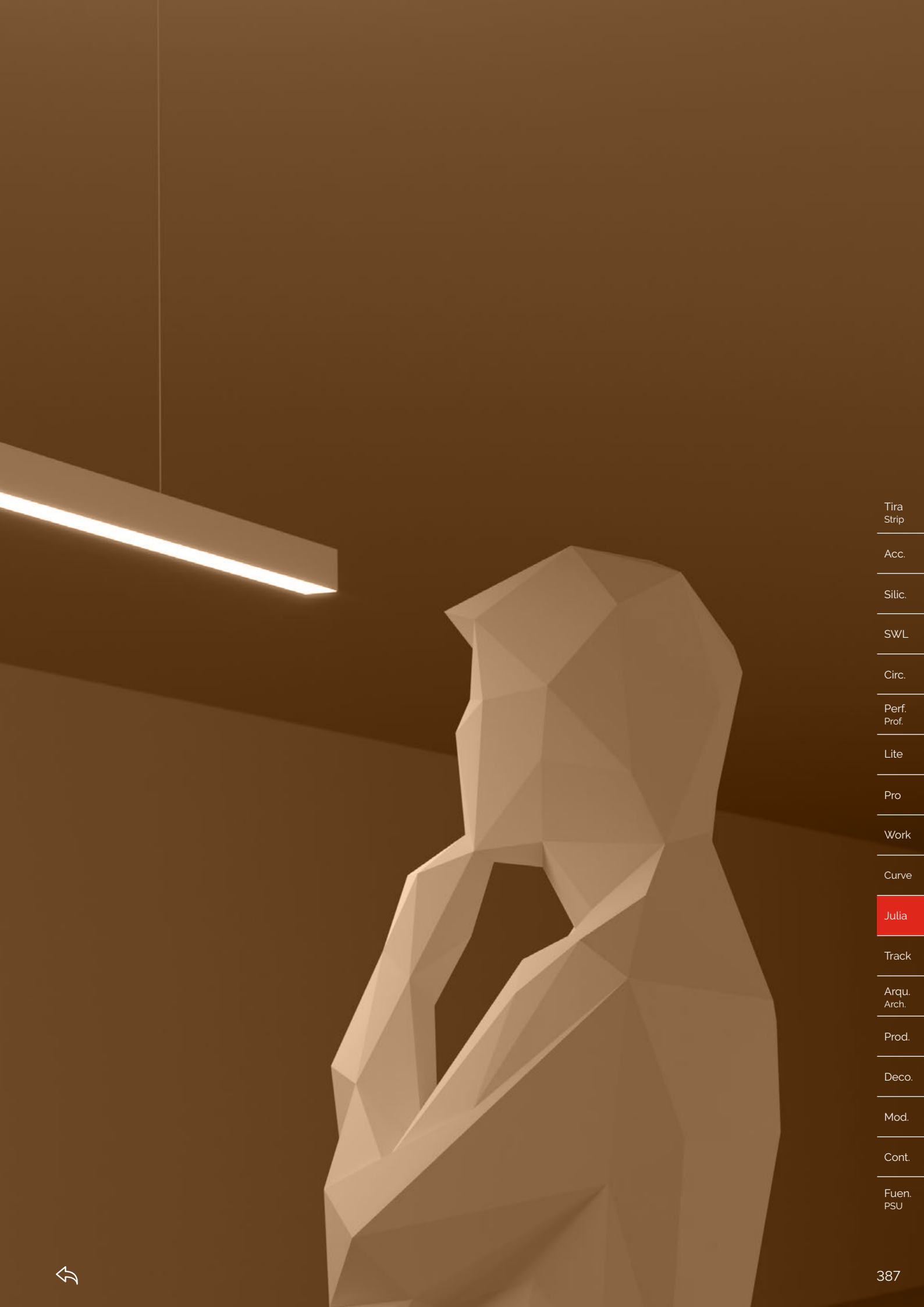
# JULIA

## MINIMAL LIGHTING

Dos tipos de luminarias conforman la base de la colección JULIA. Estos productos comparten la **sencillez** de su **diseño** a la vez que incorporan internamente la fuente de alimentación, integrándola a la perfección gracias a su **compacto** tamaño. Las luminarias JULIA pueden personalizarse hasta formar decenas de configuraciones distintas, aunque todas ellas comparten la **excelencia, elegancia y versatilidad** con la que fueron concebidas.

*Two types of luminaires form the basis of the JULIA collection. These products share the **simplicity** of their **design** while internally incorporating the power supply, which is perfectly integrated thanks to its **compact** size. JULIA luminaires can be customised to form dozens of different configurations, although they all share the same **excellence, elegance and versatility** with which they were conceived.*

**IS7** LUMINARIAS / LUMINAIRES



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





# Excelencia

*Excellence*



<sup>CRI</sup>  
≥ 90

Fidelidad  
cromática  
profesional

*Professional  
colour  
accuracy*

<sup>UGR\*</sup>  
12

Lo único que  
deslumbra es  
su diseño

*The only thing  
that dazzles  
is its design*

<sup>LM</sup>  
80

Concebida  
para durar

*Designed  
to last*

\* Julia II

# Versatilidad

*Versatility*

Iluminación directa | indirecta  
*Direct | indirect lighting*

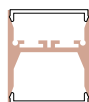


Iluminación continua | discontinua  
*Continuous | discontinuous lighting*



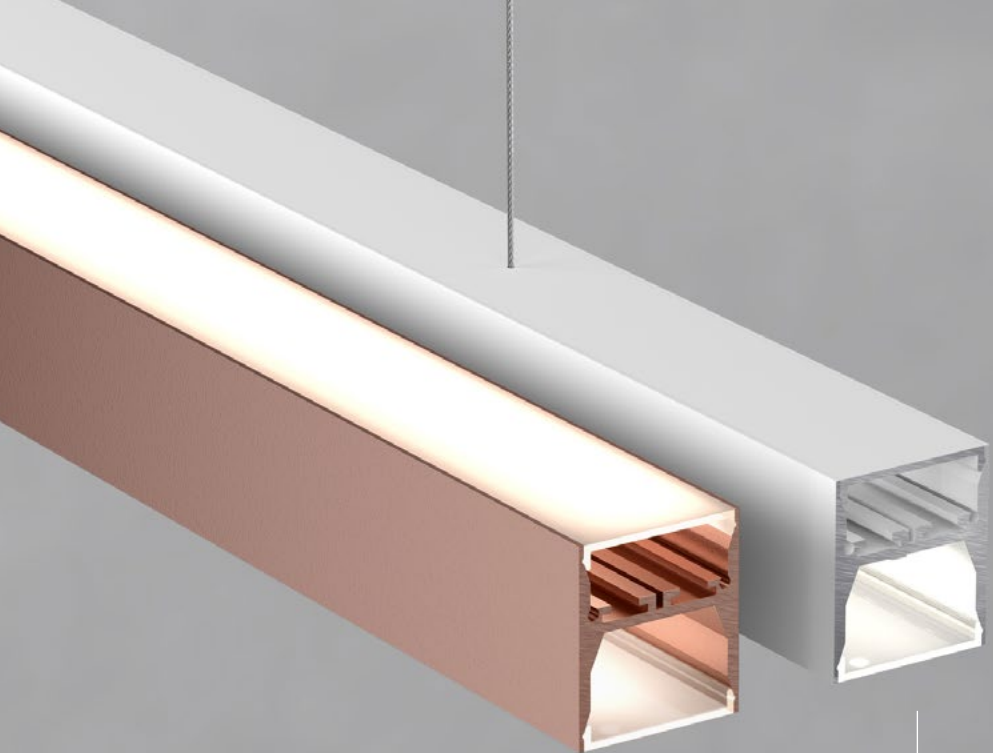
La sencillez del diseño del modelo JULIA I ofrece la posibilidad de combinar difusores translúcidos y opacos para conseguir luminarias exclusivas. Los diferentes tramos aportan elegancia y modernidad sin perder la esencia del producto.

*The simple design of the JULIA I model offers the possibility of combining translucent and opaque diffusers to create exclusive luminaires. The different sections provide a touch of elegance and innovation without losing the essence of the product.*



Ambas partes de la luminaria, inferior y superior, están realizadas con las mismas reglas de diseño. Esto permite crear luminarias con emisiones simples o dobles de forma sencilla. La combinación de ambos elementos explora una infinidad de posibilidades.

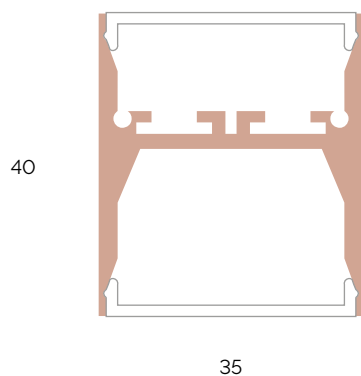
*Both parts of the luminaire, lower and upper, are made with the same design rules. This makes it possible to easily create luminaires with single or double emissions. The combination of both elements explores an infinite number of possibilities.*

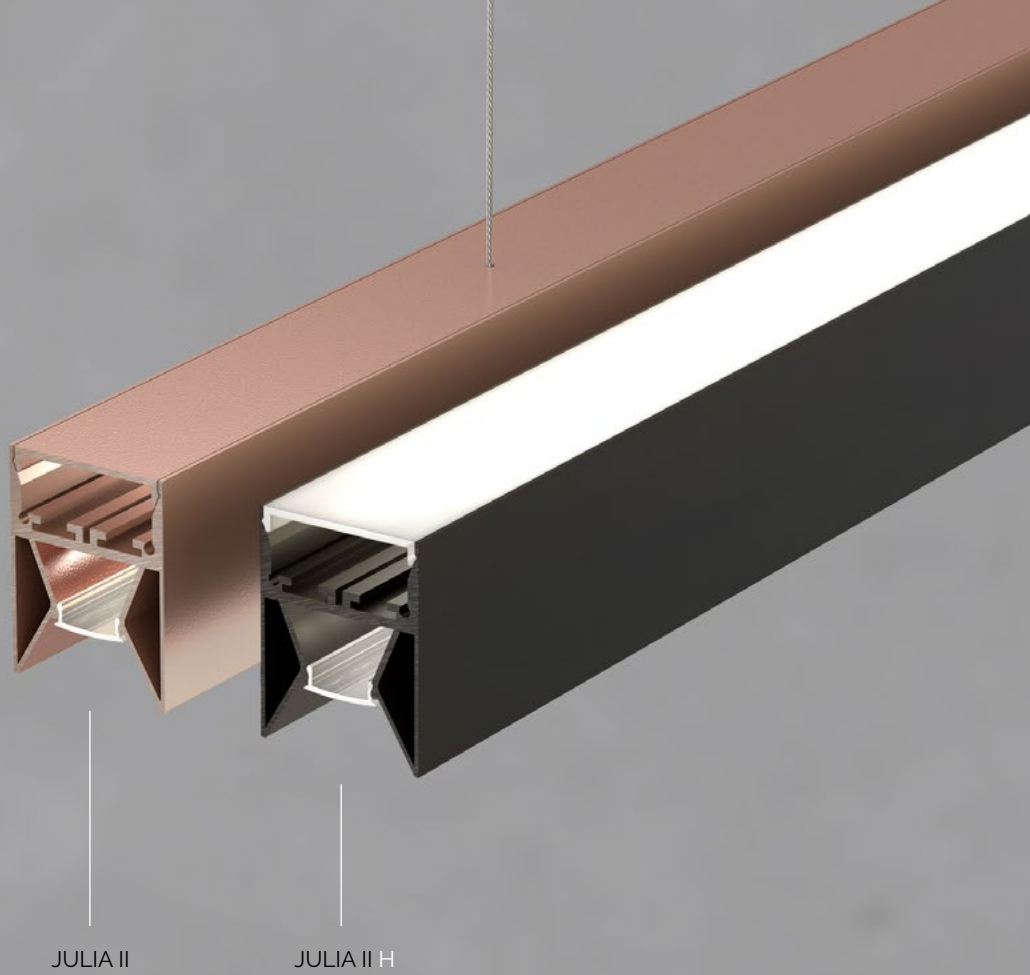


**JULIA**  
MINIMAL LIGHTING

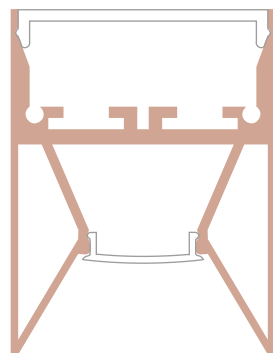
JULIA TH

JULIA I





Escala 1:1  
*1:1 Scale*



35

45



# Integración total

*Full integration*



Julia

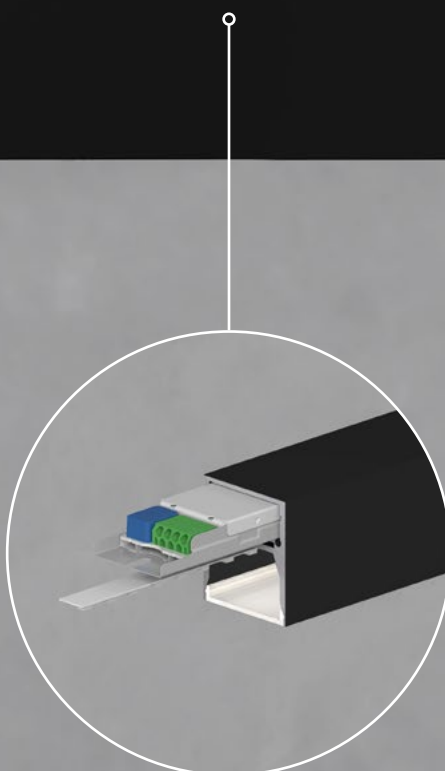
La integración en Julia se manifiesta de 2 formas, por un lado prescindimos de las sujeciones inferiores integrándolas en la propia luminaria, esto crea una pieza de líneas puras. La regulación de altura se realiza en el techo.

*The integration in Julia is manifested in 2 ways, on the one hand we dispense with the base brackets and integrate them into the luminaire itself, this creates a piece of pure lines. The height adjustment is made in the ceiling.*



Por otro lado la fuente de alimentación se aloja en el interior, gracias a esto podemos evitar las molestas cajas de conexión, acen-  
tuando así el carácter minimalista de Julia

*On the other hand, the power supply is housed inside, so we can avoid annoying junction boxes, accentuating the minimalist character of Julia.*



Todo el equipo  
electrónico en solo 4 cm  
*All electronic equipment in just 4 cm*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

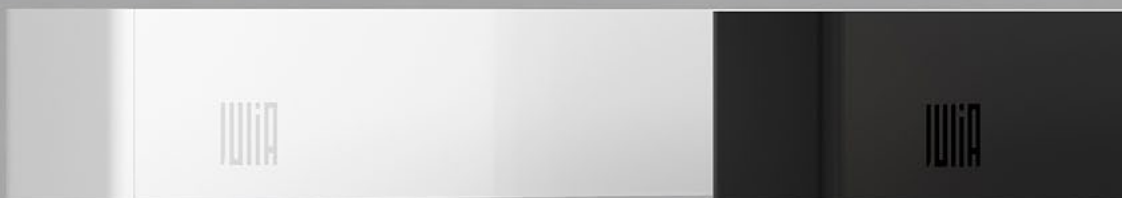
Mod.

Cont.

Fuen.  
PSU

# Carácter

*Character*



Sencillez, integración y elegancia han sido las premisas de diseño para crear JULIA. Sus formas redondeadas y aerodinámicas consiguen suavizar las líneas aportando un carácter único. Su interior está compuesto de la electrónica más compacta y avanzada, lo que aporta un plus de sencillez y evita los elementos externos.

*Simplicity, integration and style have been the design premises for the creation of JULIA. Its rounded and aerodynamic shapes soften the lines and give it a unique character. Its interior is formed by the most compact and advanced electronics, which provides a plus of simplicity and avoids external elements.*

|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
|  | Tira Strip  |
|                                                                                   | Acc.        |
|                                                                                   | Silic.      |
|                                                                                   | SWL         |
|                                                                                   | Circ.       |
|                                                                                   | Perf. Prof. |
|                                                                                   | Lite        |
|                                                                                   | Pro         |
|                                                                                   | Work        |
|                                                                                   | Curve       |
|                                                                                   | Julia       |
|                                                                                   | Track       |
|                                                                                   | Arqu. Arch. |
|                                                                                   | Prod.       |
|                                                                                   | Deco.       |
|                                                                                   | Mod.        |
|                                                                                   | Cont.       |
|                                                                                   | Fuen. PSU   |

# Adaptación

## *Adjustment*

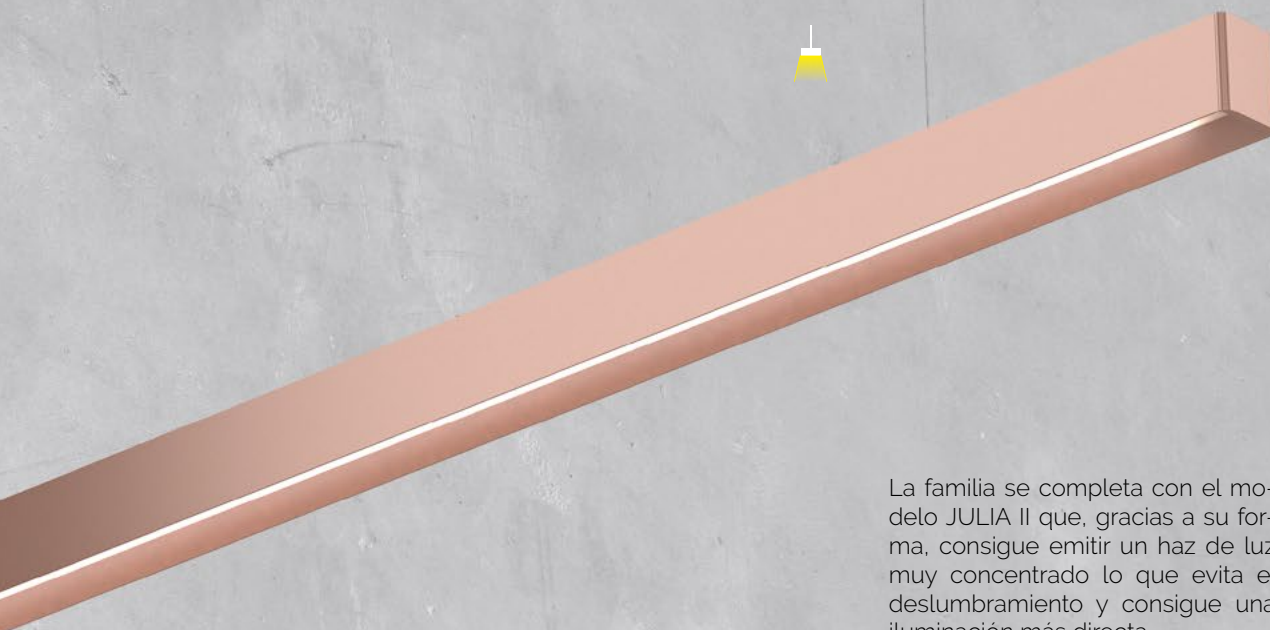
JULIA se adapta a las necesidades de instalación de cualquier proyecto. La luminaria se adhiere a los techos, superficialmente, sin sujetiones y de la forma más sutil posible. Sus cables tensores, para la instalación suspendida, parten de JULIA sin accesorios, directamente de su interior, formando un conjunto limpio donde la protagonista real es la luminaria.

*JULIA can be adapted to the installation needs of any project. The luminaire can be installed on ceilings, superficially, without fastenings and in the most subtle way possible. Its tensioning cables, for suspended installation, come from JULIA without accessories, directly from its interior, forming a neat ensemble where the main attraction is the luminaire.*



# JULIA

MINIMAL LIGHTING



La familia se completa con el modelo JULIA II que, gracias a su forma, consigue emitir un haz de luz muy concentrado lo que evita el deslumbramiento y consigue una iluminación más directa.

*The family is completed with the JULIA II model which, as a result of its shape, is able to deliver a highly concentrated beam of light which avoids glare and ensures more direct illumination.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code        | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10102026 <sup>A</sup> □ D | 1137 mm           | 36 W              | 3850 lm           | 107 lm/W             | 2700K                 |
| 10105026 □ D              | 1137 mm           | 36 W              | 4100 lm           | 113,88 lm/W          | 3000K                 |
| 10108026 □ D              | 1137 mm           | 36 W              | 4400 lm           | 122,22 lm/W          | 4000K                 |
| 10103026 □ D              | 1417 mm           | 45 W              | 4812 lm           | 107 lm/W             | 2700K                 |
| 10106026 □ D              | 1417 mm           | 45 W              | 5125 lm           | 113,88 lm/W          | 3000K                 |
| 10109026 □ D              | 1417 mm           | 45 W              | 5500 lm           | 122,22 lm/W          | 4000K                 |
| 10104026 □ D              | 1697 mm           | 54 W              | 5775 lm           | 107 lm/W             | 2700K                 |
| 10107026 □ D              | 1697 mm           | 54 W              | 6150 lm           | 113,88 lm/W          | 3000K                 |
| 10110026 □ D              | 1697 mm           | 54 W              | 6600 lm           | 122,22 lm/W          | 4000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized length, contact us.

A = Acabado/Finish (B=Blanco/White | N=Negro/Black | C=Cobre/Copper)

Ejem. | E.g.: 10102026ND (Negro / Black)

### Características eléctricas / Electrical data

|                                   |                       |
|-----------------------------------|-----------------------|
| Tensión / Voltage                 | 220-240 / 50 (VAC/Hz) |
| Potencia / Power                  | 36W @1137 mm          |
| Factor de potencia / Power Factor | >0,9                  |
| Regulación / Dimming              | DALI                  |

### Características ópticas / Photometric data

|                                       |            |
|---------------------------------------|------------|
| CRI                                   | >90        |
| R9                                    | >75        |
| Consistencia / Consistency            | 3 (SDCM)   |
| UGR                                   | <22        |
| Ángulo / Angle                        | 105°       |
| Código fotométrico / Photometric code | W9xx/339   |
| Fidelidad color / Colour Fidelity     | 90 @4000K  |
| Gama color / Colour Gamut             | 100 @4000K |
| Grupo de riesgo / Risk group          | GR1        |

### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | 35x40 mm       |
| T. almacenamiento / Storage T. | -40 °C / 80 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 65 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 5              |

### Sujecciones Mounting clips



Cable suspensión  
Pendant cable  
Acero / Steel

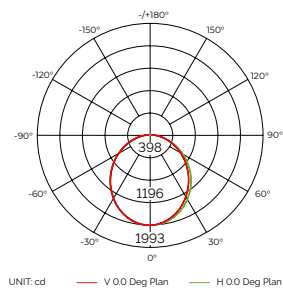
- 2 m ● 08467010
- 08467010N
- 5 m ● 08467010/5M
- 08467010N/5M



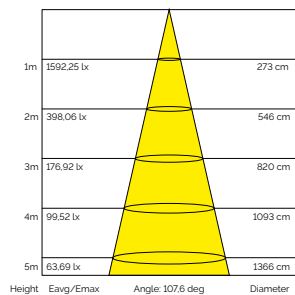
Florón / Ceiling rose  
Metal  
Ø 80mm

- 10376000
- 10377000

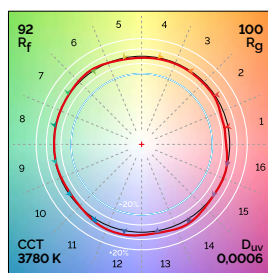
Distribución luminosa  
Light intensity distribution



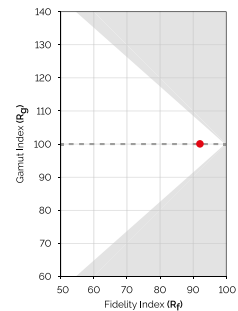
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

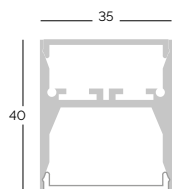


Fidelidad y gama  
Fidelity and gamut

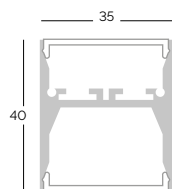


\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on 1137 mm and 4000K luminaire.

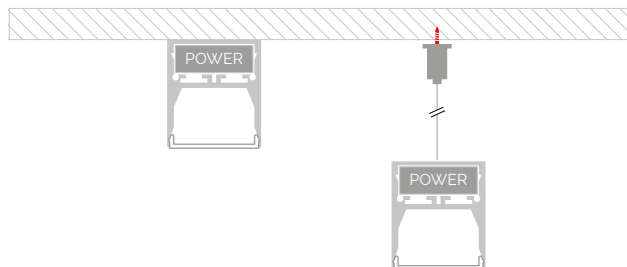
Detalle constructivo e instalación  
Design detail and installation



JULIA I



JULIA I H



Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

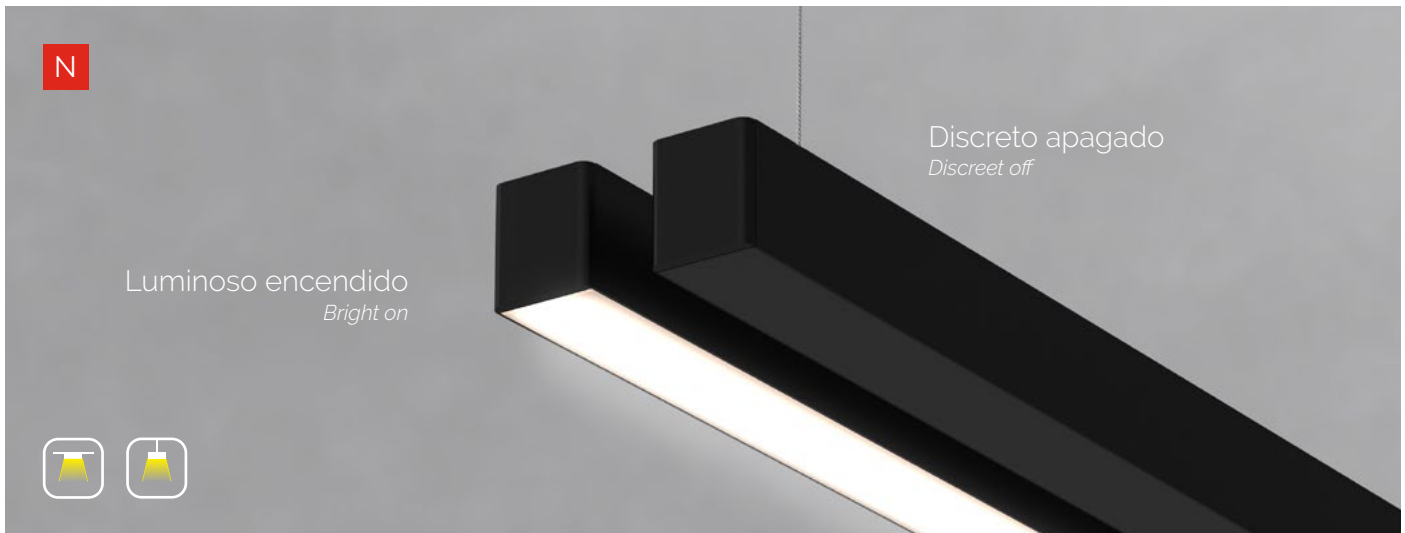
Fuen. PSU



LS TECSOLE

# TSL JULIA I BLACK

Superficie y colgante / Surface and pendant



| Referencia<br>Code | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10111026 D         | 1137 mm           | 36 W              | 700 lm            | 19,44 lm/W           | 2700K                 |
| 10114026 D         | 1137 mm           | 36 W              | 745 lm            | 20,69 lm/W           | 3000K                 |
| 10117026 D         | 1137 mm           | 36 W              | 800 lm            | 22,22 lm/W           | 4000K                 |
| 10112026 D         | 1417 mm           | 45 W              | 875 lm            | 19,44 lm/W           | 2700K                 |
| 10115026 D         | 1417 mm           | 45 W              | 935 lm            | 20,69 lm/W           | 3000K                 |
| 10118026 D         | 1417 mm           | 45 W              | 1000 lm           | 22,22 lm/W           | 4000K                 |
| 10113026 D         | 1697 mm           | 54 W              | 1050 lm           | 19,44 lm/W           | 2700K                 |
| 10116026 D         | 1697 mm           | 54 W              | 1120 lm           | 20,69 lm/W           | 3000K                 |
| 10119026 D         | 1697 mm           | 54 W              | 1200 lm           | 22,22 lm/W           | 4000K                 |

\*Para longitud personalizada, contáctanos.

\*For customized length, contact us.

# TSL JULIA I H

Colgante emisión doble / Pendant double lighting



| Referencia<br>Code        | Largo*<br>Length* | Potencia<br>Power | Lúmenes sup.<br>Upward lumens | Lúmenes inf.<br>Down. lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------|-------------------|-------------------|-------------------------------|------------------------------|----------------------|-----------------------|
| 10120026 <sup>A</sup> □ D | 1417 mm           | 63 W              | 4812 lm                       | 1925 lm                      | 107 lm/W             | 2700K                 |
| 10121026 □ D              | 1417 mm           | 63 W              | 5125 lm                       | 2050 lm                      | 113,88 lm/W          | 3000K                 |
| 10122026 □ D              | 1417 mm           | 63 W              | 5500 lm                       | 2200 lm                      | 122,22 lm/W          | 4000K                 |

\*Para longitud personalizada, contáctanos.

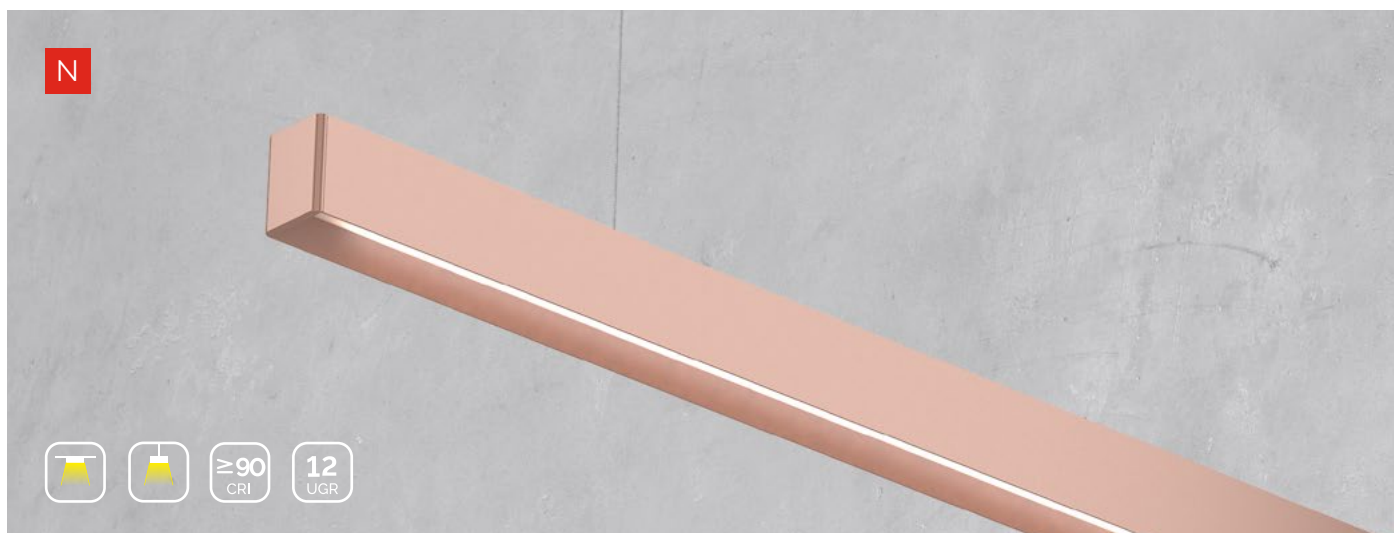
\*For customized length, contact us.

A = Acabado/Finish (B=Blanco/White | N=Negro/Black | C=Cobre/Copper)

Ejem. | E.g.: 10120026ND (Negro / Black)







| Referencia<br>Code        | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10102027 <sup>A</sup> □ D | 1137 mm           | 36 W              | 2550 lm           | 70,83 lm/W           | 2700K                 |
| 10105027 □ D              | 1137 mm           | 36 W              | 2700 lm           | 75 lm/W              | 3000K                 |
| 10108027 □ D              | 1137 mm           | 36 W              | 3000 lm           | 83,33 lm/W           | 4000K                 |
| 10103027 □ D              | 1417 mm           | 45 W              | 3187 lm           | 70,83 lm/W           | 2700K                 |
| 10106027 □ D              | 1417 mm           | 45 W              | 3375 lm           | 75 lm/W              | 3000K                 |
| 10109027 □ D              | 1417 mm           | 45 W              | 3750 lm           | 83,33 lm/W           | 4000K                 |
| 10104027 □ D              | 1697 mm           | 54 W              | 3825 lm           | 70,83 lm/W           | 2700K                 |
| 10107027 □ D              | 1697 mm           | 54 W              | 4050 lm           | 75 lm/W              | 3000K                 |
| 10110027 □ D              | 1697 mm           | 54 W              | 4500 lm           | 83,33 lm/W           | 4000K                 |

\*Para longitud personalizada, contáctanos.  
\*For customized length, contact us.

A = Acabado/Finish (B=Blanco/White | N=Negro/Black | C=Cobre/Copper)

Ejem. | E.g.: 10102027ND (Negro / Black)

### Características eléctricas / Electrical data

|                                   |                       |
|-----------------------------------|-----------------------|
| Tensión / Voltage                 | 220-240 / 50 (VAC/Hz) |
| Potencia / Power                  | 36W @1137 mm          |
| Factor de potencia / Power Factor | >0,9                  |
| Regulación / Dimming              | DALI                  |

### Características ópticas / Photometric data

|                                       |            |
|---------------------------------------|------------|
| CRI                                   | >90        |
| R9                                    | >75        |
| Consistencia / Consistency            | 3 (SDCM)   |
| UGR                                   | <12        |
| Ángulo / Angle                        | 90°        |
| Código fotométrico / Photometric code | W9xx/340   |
| Fidelidad color / Colour Fidelity     | 90 @4000K  |
| Gama color / Colour Gamut             | 100 @4000K |
| Grupo de riesgo / Risk group          | GR1        |

### Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | 35x45 mm       |
| T. almacenamiento / Storage T. | -40 °C / 80 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 65 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 5              |

### Sujecciones Mounting clips



Cable suspensión  
Pendant cable  
Acero / Steel

- 2 m ● 08467010
- 08467010N
- 5 m ● 08467010/5M
- 08467010N/5M

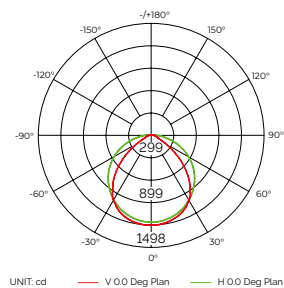


Florón / Ceiling rose  
Metal  
Ø 80mm

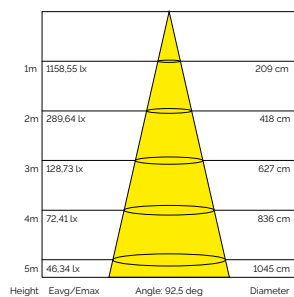
- 10376000
- 10377000



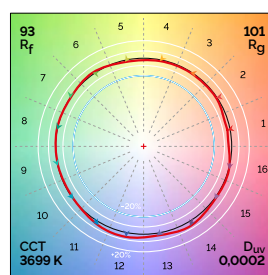
Distribución luminosa  
Light intensity distribution



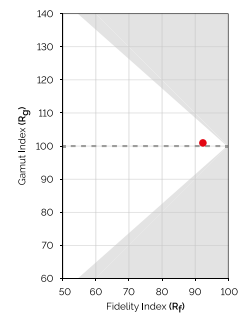
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

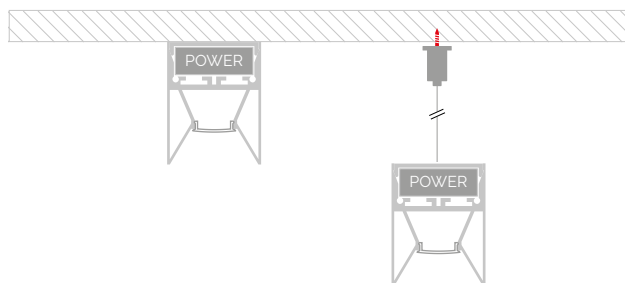
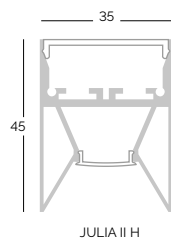
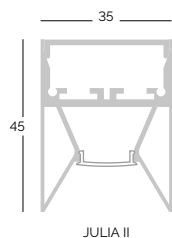


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1137 mm y 4000K. / Photometric test conducted on 1137 mm and 4000K luminaire.

Detalle constructivo e instalación  
Design detail and installation



Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

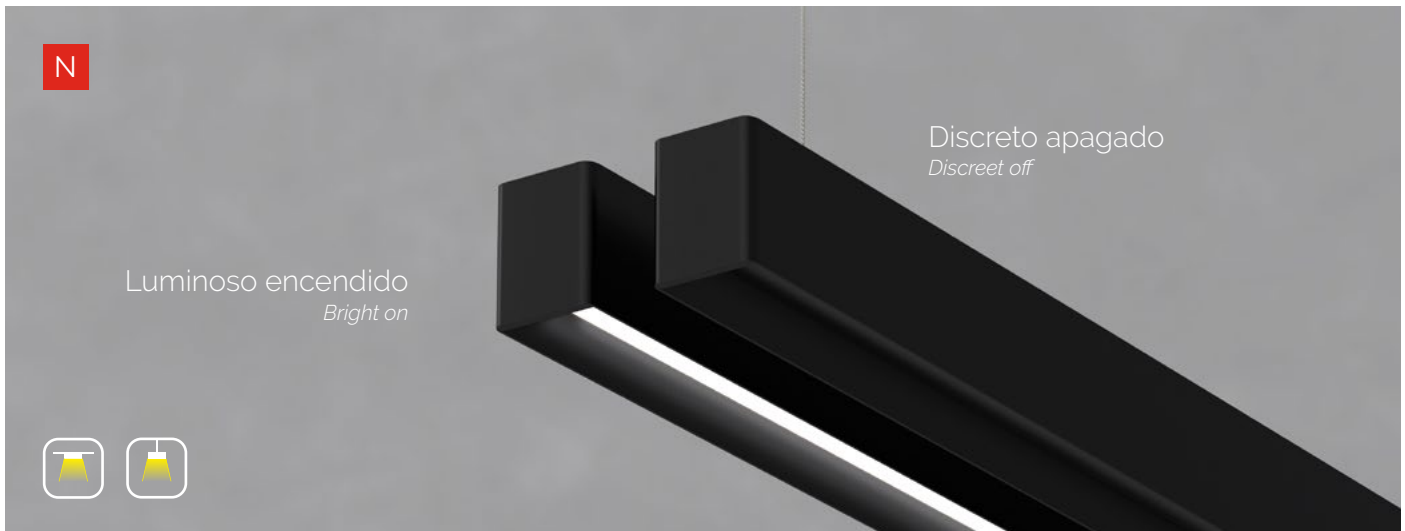
Fuen. PSU



157

# TSL JULIA II BLACK

Superficie y colgante / Surface and pendant



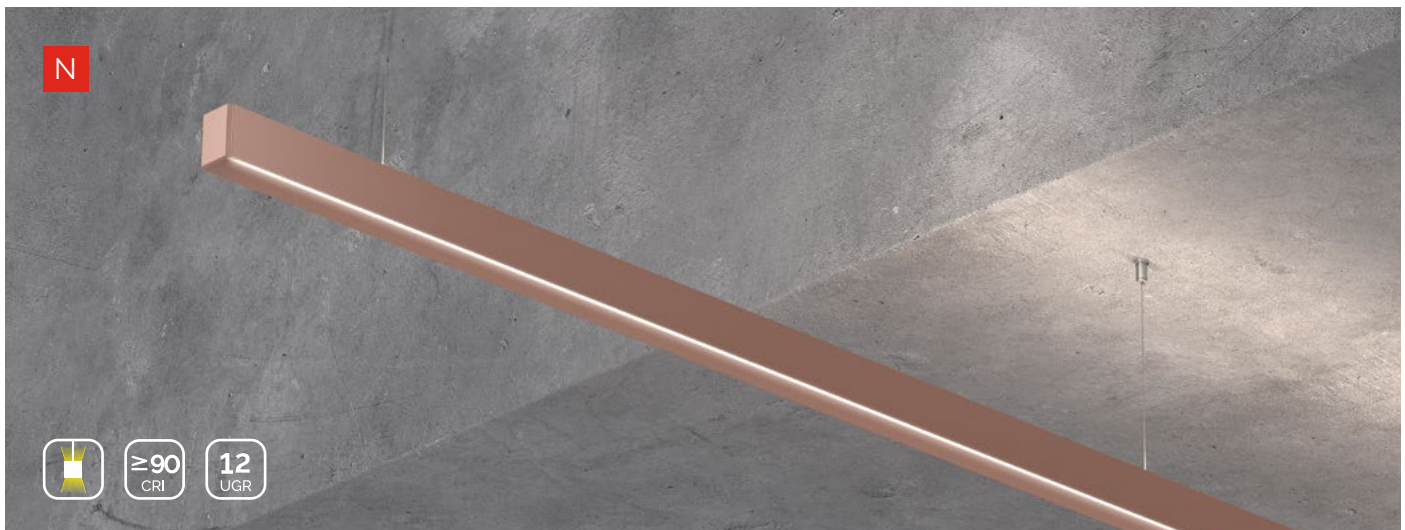
| Referencia<br>Code | Largo*<br>Length* | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-------------------|-------------------|-------------------|----------------------|-----------------------|
| 10111027 D         | 1137 mm           | 36 W              | 950 lm            | 26,38 lm/W           | 2700K                 |
| 10114027 D         | 1137 mm           | 36 W              | 990 lm            | 27,50 lm/W           | 3000K                 |
| 10117027 D         | 1137 mm           | 36 W              | 1100 lm           | 30,55 lm/W           | 4000K                 |
| 10112027 D         | 1417 mm           | 45 W              | 1187 lm           | 26,38 lm/W           | 2700K                 |
| 10115027 D         | 1417 mm           | 45 W              | 1240 lm           | 27,50 lm/W           | 3000K                 |
| 10118027 D         | 1417 mm           | 45 W              | 1375 lm           | 30,55 lm/W           | 4000K                 |
| 10113027 D         | 1697 mm           | 54 W              | 1425 lm           | 26,38 lm/W           | 2700K                 |
| 10116027 D         | 1697 mm           | 54 W              | 1485 lm           | 27,50 lm/W           | 3000K                 |
| 10119027 D         | 1697 mm           | 54 W              | 1650 lm           | 30,55 lm/W           | 4000K                 |

\*Para longitud personalizada, contáctanos.

\*For customized length, contact us.

# TSL JULIA II H

Colgante emisión doble / Pendant double lighting



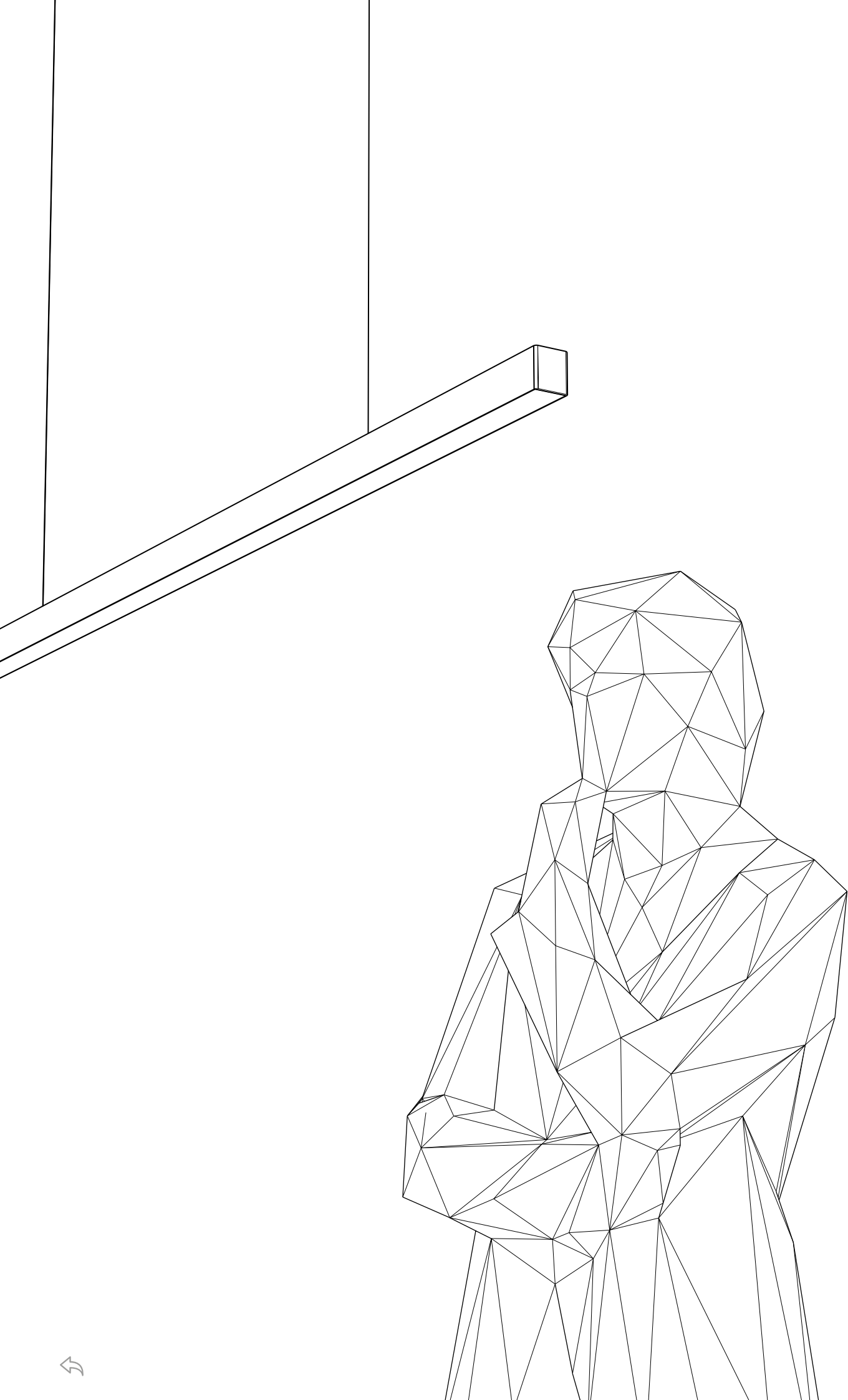
| Referencia<br>Code        | Largo*<br>Length* | Potencia<br>Power | Lúmenes sup.<br>Upward lumens | Lúmenes inf.<br>Down. lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------|-------------------|-------------------|-------------------------------|------------------------------|----------------------|-----------------------|
| 10120027 <sup>A</sup> □ D | 1417 mm           | 63 W              | 3187 lm                       | 1925 lm                      | 81,14 lm/W           | 2700K                 |
| 10121027 □ D              | 1417 mm           | 63 W              | 3375 lm                       | 2050 lm                      | 86,11 lm/W           | 3000K                 |
| 10122027 □ D              | 1417 mm           | 63 W              | 3750 lm                       | 2200 lm                      | 94,44 lm/W           | 4000K                 |

\*Para longitud personalizada, contáctanos.

\*For customized length, contact us.

A = Acabado/Finish (B=Blanco/White | N=Negro/Black | C=Cobre/Copper)

Ejem. | E.g.: 10120027ND (Negro / Black)



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# TRACK



La familia "Magnetic Track" está compuesta por diferentes soluciones capaces de cubrir cualquier necesidad de exposición de producto. Permite variaciones ágiles de las zonas de exposición sin estar limitados por elementos de iluminación fijos.

*The "Magnetic Track" family is composed of different solutions, which are capable of covering any product exposure need. It enables smooth variations of the display areas without being limited by fixed lighting elements.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU







# MAGNETIC TRACK

24/48 VDC lighting system

39  
mm



El sistema de iluminación de carril magnético funciona con tensiones de seguridad de bajo voltaje y se presenta en una gran variedad de formas, tamaños y ópticas. Cuenta con una instalación magnética rápida y flexible, que permite la variación sencilla de los diseños lumínicos. Sus múltiples accesorios de instalación ayudan a adecuar el sistema a cualquier espacio.

*The magnetic rail lighting system works with low safety voltages and is available in a variety of shapes, sizes and optics. Its quick and flexible magnetic installation allows for simple variations in the lighting design. It has many installation accessories to help customise the system to suit any space.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# Adaptabilidad

## *Adaptability*

La familia "Magnetic Track" está compuesta por diferentes soluciones capaces de cubrir cualquier necesidad de exposición de producto.

*The "Magnetic Track" family is made up of different solutions capable of fulfilling any product display need.*

$\geq$  CRI  
90

Gran  
reproducción  
cromática

*High colour  
rendering*

UGR  
19

Módulos especí-  
ficos que evitan el  
deslumbramiento

*Specific modules  
that prevent glare*



# Puro magnetismo

## *Pure magnetism*

Su magnetismo permite variaciones ágiles de las zonas de exposición sin estar limitados por elementos de iluminación fijos. El módulo queda oculto en la estructura lo que permite un acabado de líneas limpias.

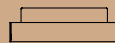
*Its magnetism allows agile variations of the display areas without being limited by fixed lighting elements. The module is integrated into the structure, which allows for a clean-lined finish.*



Módulo L  
*L Module*



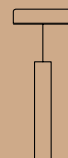
Módulo M  
*M Module*



Módulo S  
*S Module*



Foco  
*Spotlight*



Colgante  
*Pendant*



| Referencia<br>Code                                                                  | Acabado<br>Finish                                                | Formatos<br>Length         | Datos técnicos / <i>Technical data</i>                                              |                                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 48010007N                                                                           | ● Negro / <i>Black</i>                                           | 2/3 m                      | Material                                                                            | AL6063-T5                                                                                            |
| 48010007B                                                                           | ○ Blanco / <i>White</i>                                          | 2/3 m                      | Tensión / <i>Voltage</i>                                                            | 24 VDC                                                                                               |
|                                                                                     |                                                                  |                            | Intensidad máx. / <i>Max. Current</i>                                               | 8 A                                                                                                  |
| Acc. Alimentación<br><i>Supply acc.</i>                                             |                                                                  |                            | Acc. Instalación<br><i>Installation acc.</i>                                        |                                                                                                      |
|  | Caja alimentación 200W<br><i>Driver Box 200W</i><br>374x39x76 mm | ● 48090040N<br>○ 48090040B |  | KIT Superficie<br><i>Surface KIT</i><br>4 un.<br>● 48090047N<br>○ 48090047B                          |
| Acc. Interconexión<br><i>Connection acc.</i>                                        |                                                                  |                            |  | KIT Suspensión alimentación<br><i>Pendant KIT power</i><br>2 m   2 un.<br>● 48090048N<br>○ 48090048B |
|  | Conexión L<br><i>L Corner</i><br>109x109x76 mm                   | ● 48090041N<br>○ 48090041B |  | KIT Suspensión<br><i>Pendant KIT</i><br>2 m   2 un.<br>● 48090050N<br>○ 48090050B                    |
|  | Conexión L exterior<br><i>Outer Corner L</i><br>123x123x79 mm    | ● 48090043N<br>○ 48090043B |  | KIT Empotrable<br><i>Recessed KIT</i><br>2 un.<br>48090054                                           |
|  | Conexión L interior<br><i>Inner Corner L</i><br>123x123x79 mm    | ● 48090045N<br>○ 48090045B |  | Cubierta opaca<br><i>Blind cover</i><br>1 m<br>● 48090052N<br>○ 48090052B                            |
|  | Pletina 180°<br><i>180° Extender</i><br>Acero / <i>Steel</i>     | 48090055                   | Tapas<br><i>End caps</i>                                                            |                                                                                                      |
|  | Pletina alimentación<br><i>Power plate</i><br>65 mm              | 48090056                   |  | Sin pasacable<br><i>Without hole</i><br>76x39x1,5 mm<br>● 48090051N<br>○ 48090051B                   |





| Referencia<br>Code | Acabado<br>Finish | Formatos<br>Length | Datos técnicos / Technical data |           |
|--------------------|-------------------|--------------------|---------------------------------|-----------|
| 48010009N          | ● Negro / Black   | 2/3 m              | Material                        | AL6063-T5 |
| 48010009B          | ○ Blanco / White  | 2/3 m              | Tensión / Voltage               | 24 VDC    |
|                    |                   |                    | Intensidad máx./ Max. Current   | 8 A       |

#### Acc. Interconexión Connection acc.



Conexión L  
L Corner  
109x109x76 mm

● 48090042N  
○ 48090042B



Conexión L exterior  
Outer Corner L  
123x123x79 mm

● 48090044N  
○ 48090044B



Conexión L interior  
Inner Corner L  
123x123x79 mm

● 48090046N  
○ 48090046N



Pletina 180°  
180° Extender  
Acero/Steel

48090055



Pletina alimentación  
Power plate  
65 mm

48090056

#### Acc. Instalación Installation acc.

#### Tapas End caps



Cubierta opaca  
Blind cover  
1 m

● 48090053N  
○ 48090053B



Sin pasacable  
Without hole  
76x39x1,5 mm

● 48090051N  
○ 48090051B



| Referencia<br>Code | Acabado<br>Finish       | Ø      | Datos técnicos / <i>Technical data</i> |           |
|--------------------|-------------------------|--------|----------------------------------------|-----------|
| 48010008N          | ● Negro / <i>Black</i>  | 900 mm | Material                               | AL6063-T5 |
| 48010008B          | ○ Blanco / <i>White</i> | 900 mm | Tensión / <i>Voltage</i>               | 24 VDC    |
|                    |                         |        | Intensidad máx. / <i>Max. Current</i>  | 8 A       |

#### Acc. Instalación *Installation acc.*



KIT Superficie  
*Surface KIT*  
4 und

- 48090047N
- 48090047B



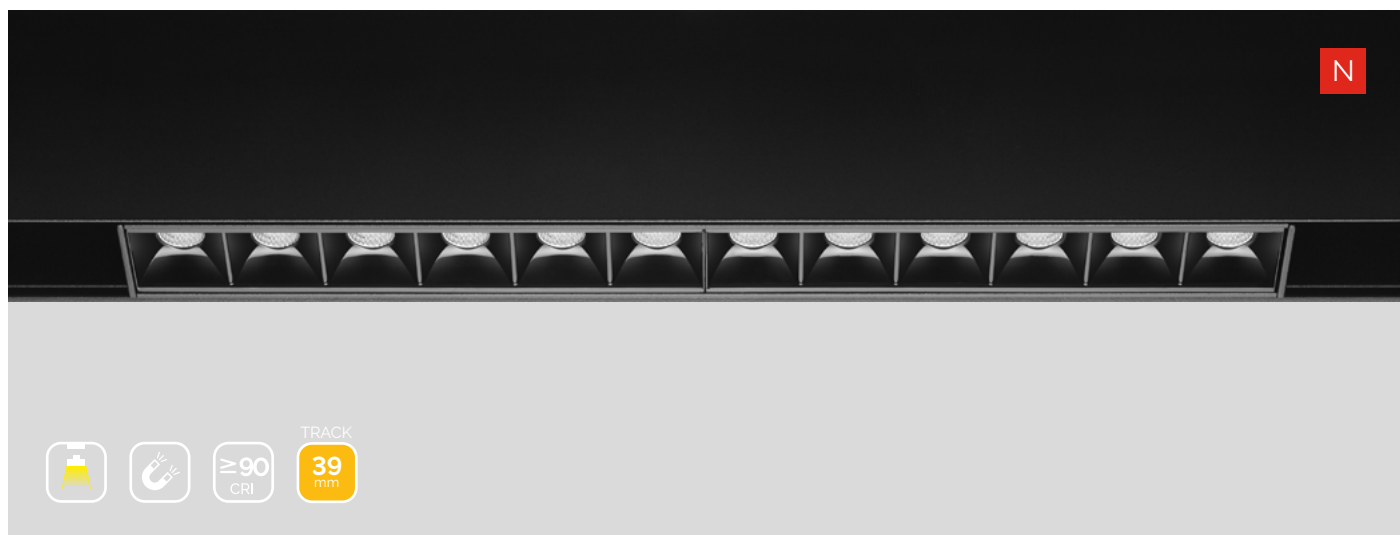
KIT Empotrable  
*Recessed KIT*  
1 und

48090054C



KIT Suspensión alimentación  
*Pendant KIT power*  
2 m, 3 und

- 48090049N
- 48090049B



| Referencia<br>Code                                                                                      | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------------------------------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020044 <span style="color: red;">A</span> <span style="color: red;">F</span> <input type="checkbox"/> | 164/190 mm      | 8 W               | 810 lm            | 101 lm/W             | 4000 K                |
| 48020045 <input type="checkbox"/>                                                                       | 164/190 mm      | 8 W               | 770 lm            | 96 lm/W              | 3000 K                |
| 48020046 <input type="checkbox"/>                                                                       | 320 mm          | 16 W              | 1620 lm           | 101 lm/W             | 4000 K                |
| 48020047 <input type="checkbox"/>                                                                       | 320 mm          | 16 W              | 1541 lm           | 96 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

F = Forma/Shape ("\_"=Recto/Straight | C=Curvo/Curve)

Ejem. | Eg.: 48020044N (Negro/Black)

**Características eléctricas / Electrical data**

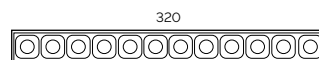
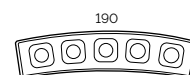
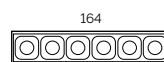
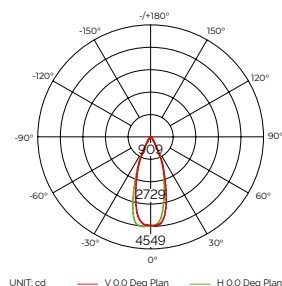
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 16 W@322 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

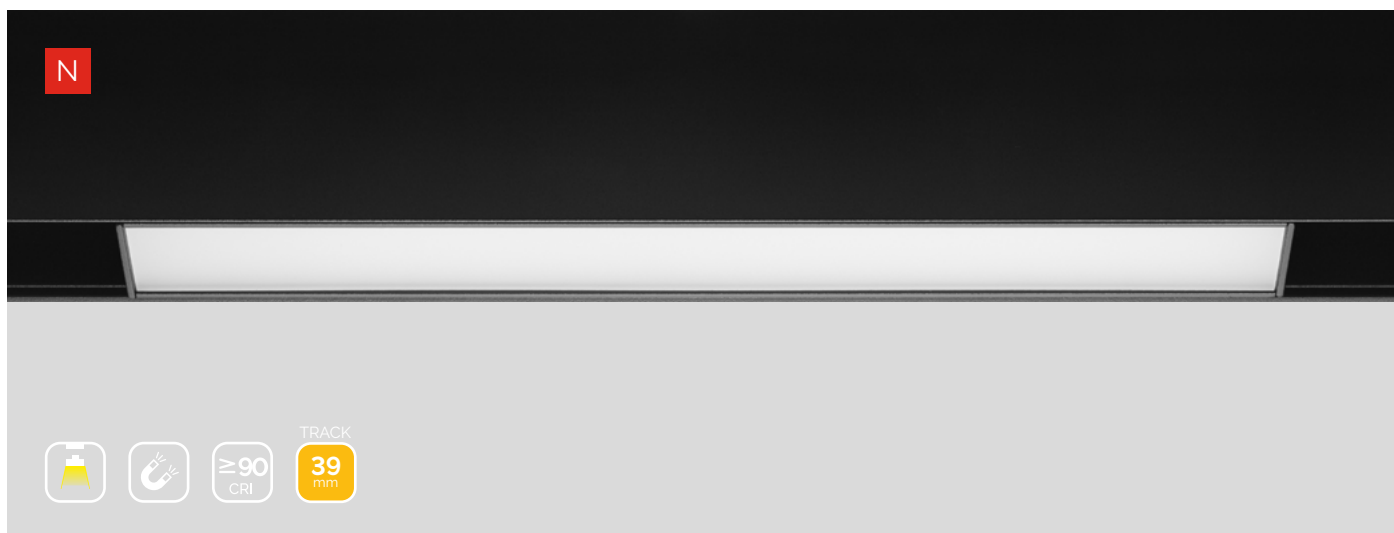
**Características ópticas / Photometric data**

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 34°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

**Características técnicas / Technical data**

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 34x55,5 mm    |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

**Distribución luminosa**  
Light intensity distribution



| Referencia<br>Code                                                                                      | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------------------------------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020048 <span style="color: red;">A</span> <span style="color: red;">F</span> <input type="checkbox"/> | 164/190 mm      | 7 W               | 487 lm            | 69 lm/W              | 4000 K                |
| 48020049 <input type="checkbox"/>                                                                       | 164/190 mm      | 7 W               | 464 lm            | 66 lm/W              | 3000 K                |
| 48020050 <input type="checkbox"/>                                                                       | 320 mm          | 13 W              | 974 lm            | 69 lm/W              | 4000 K                |
| 48020051 <input type="checkbox"/>                                                                       | 320 mm          | 13 W              | 928 lm            | 66 lm/W              | 3000 K                |
| 48020052 <input type="checkbox"/>                                                                       | 640 mm          | 26 W              | 1953 lm           | 69 lm/W              | 4000 K                |
| 48020053 <input type="checkbox"/>                                                                       | 640 mm          | 26 W              | 1856 lm           | 66 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

F = Forma/Shape ("\_"=Recto/Straight | C=Curvo/Curve)

Ejem. | Eg.: 48020048N (Negro/Black)

### Características eléctricas / Electrical data

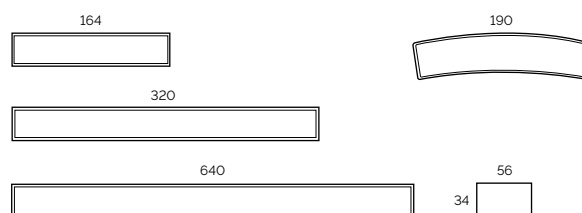
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 26 W@640 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

### Características ópticas / Photometric data

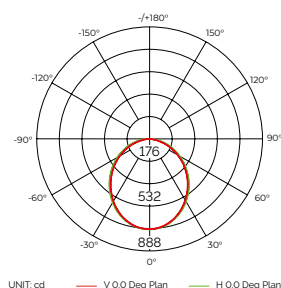
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <22                |
| Ángulo / Angle                        | 105°               |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 34x55,5 mm    |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

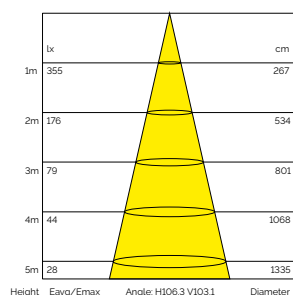


Distribución luminosa  
Light intensity distribution



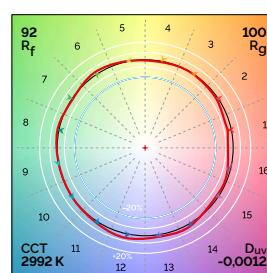
UNIT: cd — V.O.O Deg Plan — H.O.O Deg Plan

Iluminancia  
Illuminance



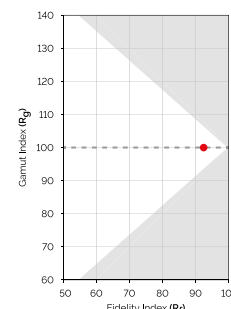
Height Eavg/Emax Angle: H106.3 V103.1 Diameter

Vector gráfico de color  
Colour vector graphic



CCT 2992 K — R<sub>f</sub> 92 — R<sub>g</sub> 100 — D<sub>uv</sub> -0,0012

Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 320 mm y 3000K. / Photometric test conducted on a 322 mm and 3000K luminaire.



| Referencia<br>Code                          | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020054 <span style="color: red;">A</span> | 138 mm          | 8 W               | 582 lm            | 73 lm/W              | 4000 K                |
| 48020055                                    | 138 mm          | 8 W               | 554 lm            | 69 lm/W              | 3000 K                |
| 48020056                                    | 272 mm          | 16 W              | 1170 lm           | 73 lm/W              | 4000 K                |
| 48020057                                    | 272 mm          | 16 W              | 1108 lm           | 69 lm/W              | 3000 K                |
| 48020058                                    | 400 mm          | 24 W              | 1746 lm           | 73 lm/W              | 4000 K                |
| 48020059                                    | 400 mm          | 24 W              | 1662 lm           | 69 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020054N (Negro/Black)

## Características eléctricas / Electrical data

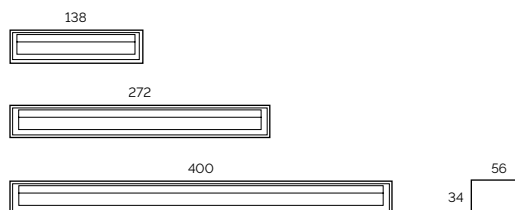
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 24 W@400 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

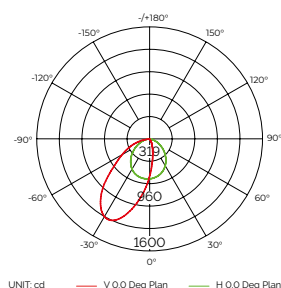
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | -                  |
| Ángulo / Angle                        | 105°x55°           |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

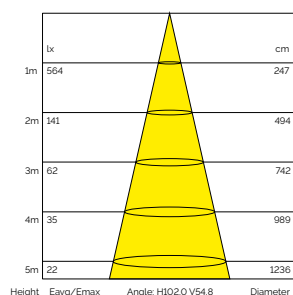
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 34x56 mm      |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



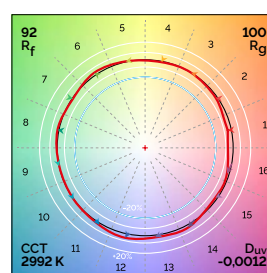
Distribución luminosa  
Light intensity distribution



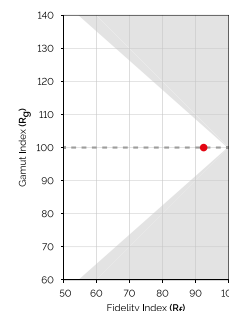
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 272 mm y 3000K. / Photometric test conducted on a 272 mm and 3000K luminaire.







| Referencia<br>Code                          | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020066 <span style="color: red;">A</span> | 160 mm          | 7 W               | 487 lm            | 69 lm/W              | 4000 K                |
| 48020067                                    | 160 mm          | 7 W               | 464 lm            | 66 lm/W              | 3000 K                |
| 48020068                                    | 320 mm          | 13 W              | 974 lm            | 69 lm/W              | 4000 K                |
| 48020069                                    | 320 mm          | 13 W              | 928 lm            | 66 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020066N (Negro/Black)

### Características eléctricas / Electrical data

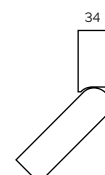
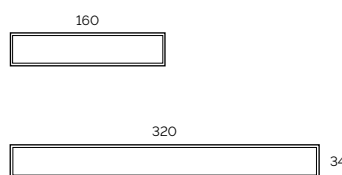
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 13 W@320 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

### Características ópticas / Photometric data

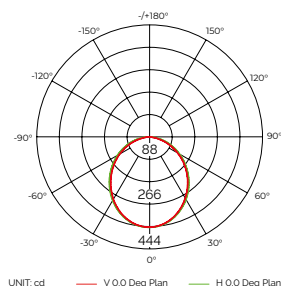
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <22                |
| Ángulo / Angle                        | 105°               |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

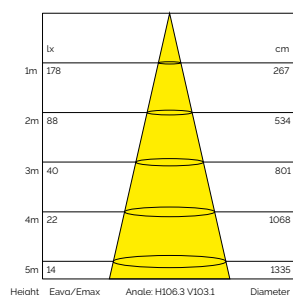
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 34x181 mm     |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



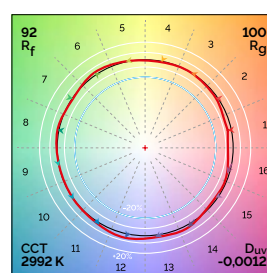
Distribución luminosa  
Light intensity distribution



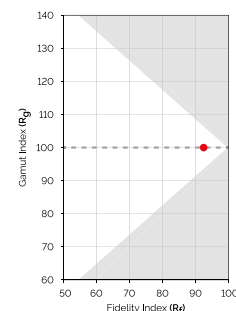
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 320 mm y 3000K. / Photometric test conducted on a 320 mm and 3000K luminaire.



| Referencia<br>Code      | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|-------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020062 <sup>A</sup> □ | 160 mm          | 8 W               | 810 lm            | 101 lm/W             | 4000 K                |
| 48020063 □              | 160 mm          | 8 W               | 770 lm            | 96 lm/W              | 3000 K                |
| 48020064 □              | 320 mm          | 16 W              | 1620 lm           | 101 lm/W             | 4000 K                |
| 48020065 □              | 320 mm          | 16 W              | 1541 lm           | 96 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg. 48020062N (Negro/Black)

## Características eléctricas / Electrical data

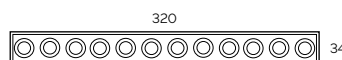
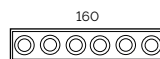
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 16 W@322 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

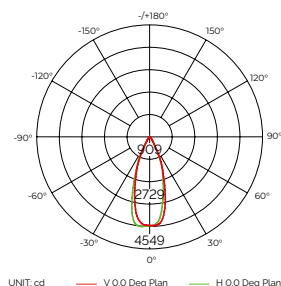
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 34°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

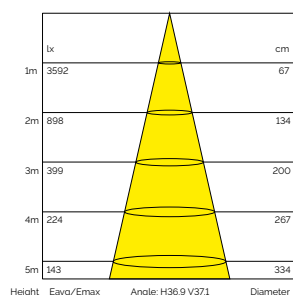
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 34x181 mm     |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kk (L80B10) |
| Garantía / Warranty            | 3 años/years  |



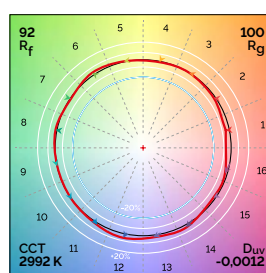
Distribución luminosa  
Light intensity distribution



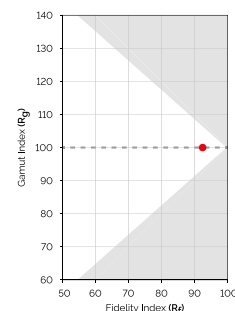
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 320 mm y 3000K. / Photometric test conducted on a 320mm and 3000K luminaire.



| Referencia<br>Code                         | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 48020070 <span>A</span> <span>F</span> □ □ | 65 mm | 8 W               | 276 lm            | 35 lm/W              | 4000 K                |
| 48020071 □ □                               | 65 mm | 8 W               | 268 lm            | 34 lm/W              | 3000 K                |
| 48020072 □ □                               | 92 mm | 15 W              | 625 lm            | 42 lm/W              | 4000 K                |
| 48020073 □ □                               | 92 mm | 15 W              | 594 lm            | 39 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

F = Forma/Shape ("\_"=Recto/Straight | C=Curvo/Curve)

Ejem. | Eg: 48020070N (Negro/Black)

### Características eléctricas / Electrical data

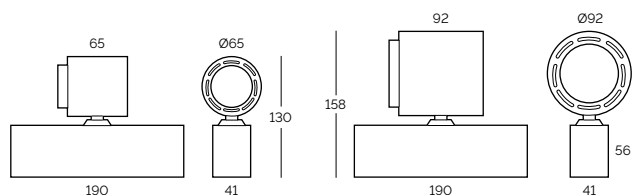
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 15 W@Ø92 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

### Características ópticas / Photometric data

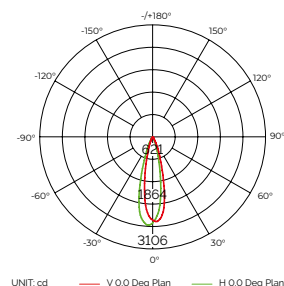
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 30°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

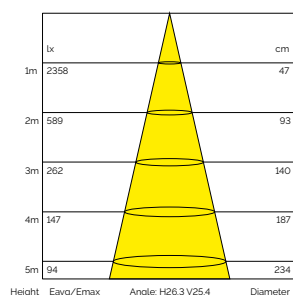
|                                |                      |
|--------------------------------|----------------------|
| Material                       | AL6063-T5, PC        |
| Protección IP / IP process     | 20                   |
| Dimensiones / Size             | 124x135 / 140x135 mm |
| T. almacenamiento / Storage T. | -40°C/80°C           |
| T. ambiente / Ambient T.       | -20°C/45°C           |
| Tc                             | 65°C                 |
| Vida útil / Lifetime           | 50Kh (L80B10)        |
| Garantía / Warranty            | 3 años/years         |



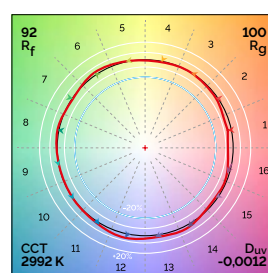
Distribución luminosa  
Light intensity distribution



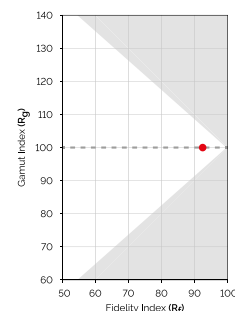
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø92 mm y 3000K. / Photometric test conducted on a Ø92 mm and 3000K luminaire.





| Referencia<br>Code                                                        | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------------------------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 48020074 <input type="checkbox"/> <input type="checkbox"/> <sup>A F</sup> | 35 mm | 5 W               | 378 lm            | 75 lm/W              | 4000 K                |
| 48020075 <input type="checkbox"/> <input type="checkbox"/>                | 35 mm | 5 W               | 359 lm            | 71 lm/W              | 3000 K                |
| 48020076 <input type="checkbox"/> <input type="checkbox"/>                | 35 mm | 2x5 W             | 700 lm            | 70 lm/W              | 4000 K                |
| 48020077 <input type="checkbox"/> <input type="checkbox"/>                | 35 mm | 2x5 W             | 665 lm            | 66 lm/W              | 3000 K                |
| 48020078 <input type="checkbox"/> <input type="checkbox"/>                | 50 mm | 10 W              | 700 lm            | 70 lm/W              | 4000 K                |
| 48020079 <input type="checkbox"/> <input type="checkbox"/>                | 50 mm | 10 W              | 665 lm            | 66 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

F = Forma/Shape ("\_"=Recto/Straight | C=Curvo/Curve)

Ejem. | Eg.: 48020074N (Negro/Black)

## Características eléctricas / Electrical data

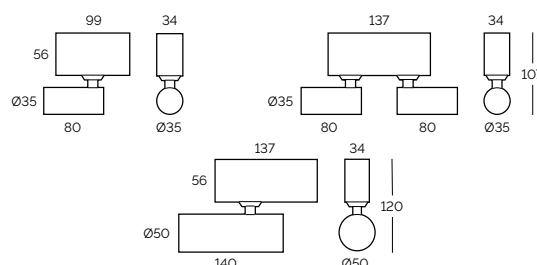
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 10 W@Ø50 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

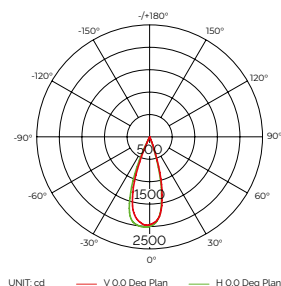
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 36°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

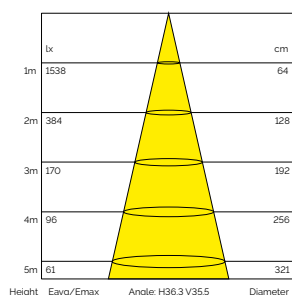
|                                |                              |
|--------------------------------|------------------------------|
| Material                       | AL6063-T5, PC                |
| Protección IP / IP process     | 20                           |
| Dimensiones / Size             | 80x135 / 80x163 / 140x135 mm |
| T. almacenamiento / Storage T. | -40°C/80°C                   |
| T. ambiente / Ambient T.       | -20°C/45°C                   |
| Tc                             | 65°C                         |
| Vida útil / Lifetime           | 50Kh (L80B10)                |
| Garantía / Warranty            | 3 años/years                 |



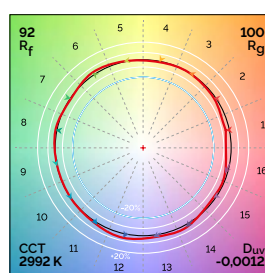
Distribución luminosa  
Light intensity distribution



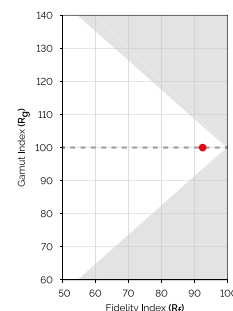
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø50 mm y 3000K. / Photometric test conducted on a Ø50 mm and 3000K luminaire.





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code      | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|-------------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 48020080 <sup>A</sup> □ | 35 mm | 5 W               | 378 lm            | 75 lm/W              | 4000 K                |
| 48020081 □              | 35 mm | 5 W               | 359 lm            | 71 lm/W              | 3000 K                |
| 48020082 □              | 50 mm | 10 W              | 700 lm            | 70 lm/W              | 4000 K                |
| 48020083 □              | 50 mm | 10 W              | 665 lm            | 66 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg. 48020080N (Negro/Black)

## Características eléctricas / Electrical data

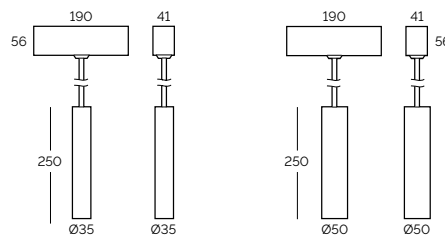
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 10 W@Ø50 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

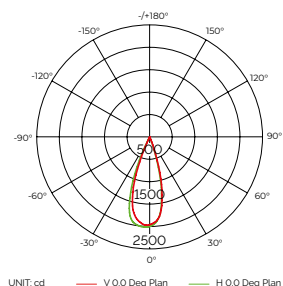
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 24°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

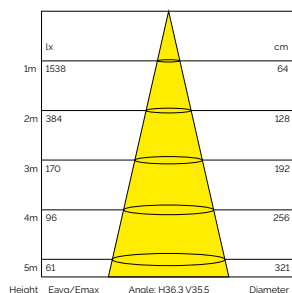
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 163x250 mm    |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



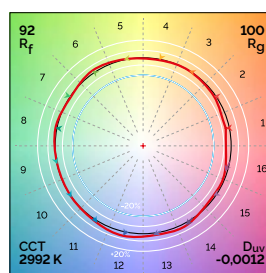
Distribución luminosa  
Light intensity distribution



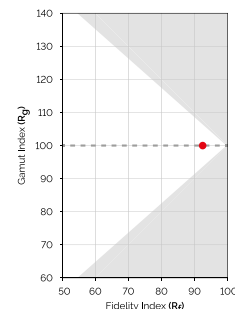
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø50 mm y 3000K. / Photometric test conducted on a Ø50 mm and 3000K luminaire.

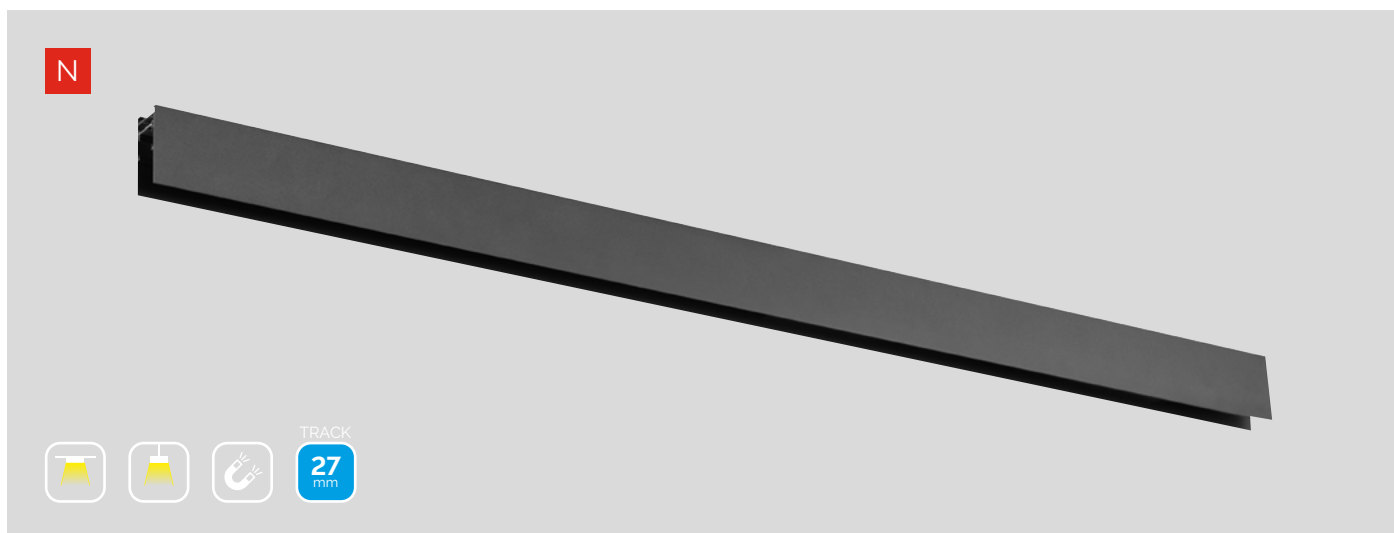


# MAGNETIC TRACK

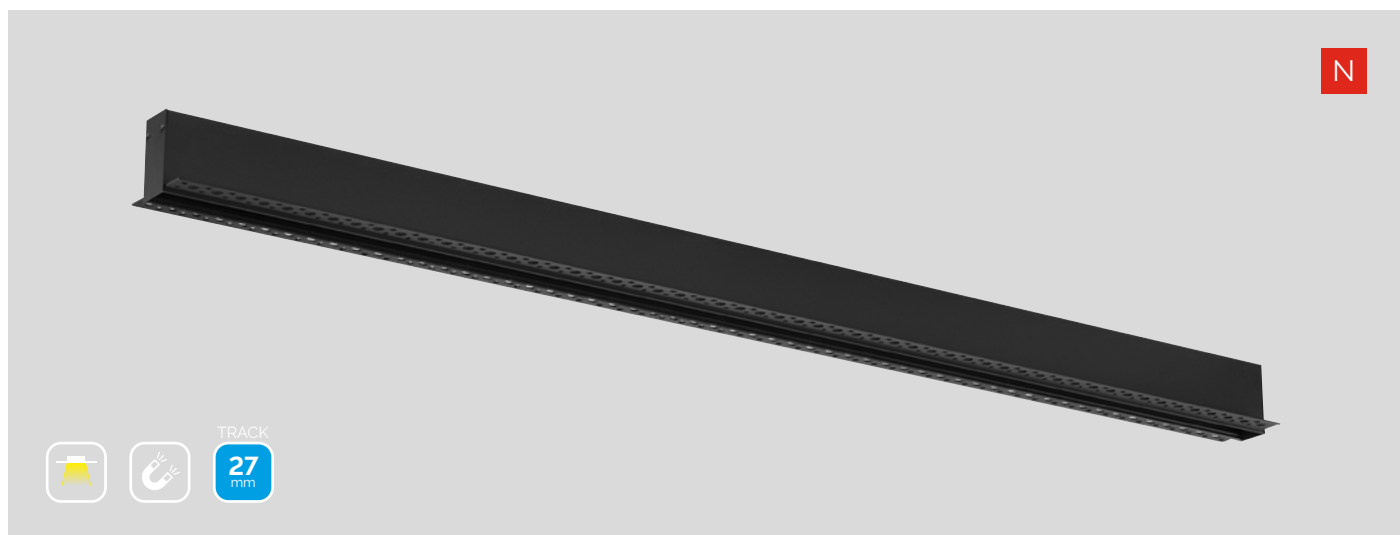
24/48 VDC lighting system





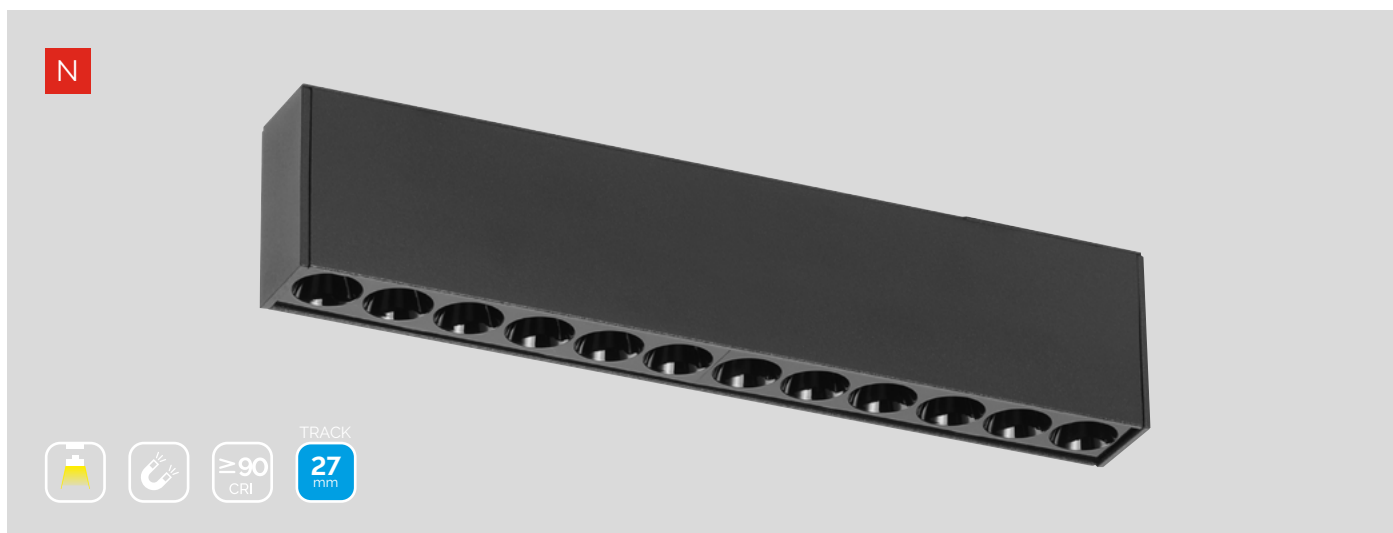


| Referencia<br>Code                                                                  | Acabado<br>Finish                                               | Formatos<br>Length         | Datos técnicos / <i>Technical data</i>                                              |                                                                                                      |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 48010010N                                                                           | ● Negro / <i>Black</i>                                          | 2/3 m                      | Material                                                                            | AL6063-T5                                                                                            |
| 48010010B                                                                           | ○ Blanco / <i>White</i>                                         | 2/3 m                      | Tensión / <i>Voltage</i>                                                            | 24 VDC                                                                                               |
|                                                                                     |                                                                 |                            | Intensidad máx. / <i>Max. Current</i>                                               | 8 A                                                                                                  |
| Acc. Interconexión<br><i>Connection acc.</i>                                        |                                                                 |                            | Acc. Instalación<br><i>Installation acc.</i>                                        |                                                                                                      |
|  | Conexión L<br><i>L Corner</i><br>70,5x70,5x58,5 mm              | ● 48090057N<br>○ 48090057B |  | KIT Superficie<br><i>Surface KIT</i><br>4 un.<br>● 48090063N<br>○ 48090063B                          |
|  | Conexión L exterior<br><i>Outer Corner L</i><br>104x104x58,5 mm | ● 48090059N<br>○ 48090059B |  | KIT Suspensión alimentación<br><i>Pendant KIT power</i><br>2 m   2 un.<br>● 48090064N<br>○ 48090064B |
|  | Conexión L interior<br><i>Inner Corner L</i><br>104x104x58,5 mm | ● 48090061N<br>○ 48090061B |  | KIT Suspensión<br><i>Pendant KIT</i><br>2 m   2 un.<br>● 48090065N<br>○ 48090065B                    |
|  | Pletina 180°<br><i>180° Extender</i><br>Acero / <i>Steel</i>    | 48090069                   |  | KIT Empotrable<br><i>Recessed KIT</i><br>2 un.<br>48090071                                           |
|  | Pletina alimentación<br><i>Power plate</i><br>65 mm             | 48090070                   |  | Cubierta opaca<br><i>Blind cover</i><br>1 m<br>● 48090067N<br>○ 48090067B                            |
| Tapas<br><i>End caps</i>                                                            |                                                                 |                            |                                                                                     |                                                                                                      |
|  | Sin pasacable<br><i>Without hole</i><br>27x59x1,5 mm            | ● 48090066N<br>○ 48090066B |                                                                                     |                                                                                                      |



| Referencia<br>Code                                                                  | Acabado<br>Finish                                        | Formatos<br>Length         | Datos técnicos / Technical data                                                     |                                                          |                            |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------|
| 48010011N                                                                           | ● Negro / Black                                          | 2/3 m                      | Material                                                                            | AL6063-T5                                                |                            |
| 48010011B                                                                           | ○ Blanco / White                                         | 2/3 m                      | Tensión / Voltage                                                                   | 24 VDC                                                   |                            |
|                                                                                     |                                                          |                            | Intensidad máx. / Max. Current                                                      | 8 A                                                      | Tira<br>Strip              |
| Acc. Interconexión<br>Connection acc.                                               |                                                          |                            |                                                                                     |                                                          | Acc.                       |
|  | Conexión L<br>L Corner<br>70,5x70,5x58,5 mm              | ● 48090058N<br>○ 48090058B |  | Conexión L exterior<br>Outer Corner L<br>104x104x58,5 mm | ● 48090060N<br>○ 48090060B |
|  | Conexión L interior<br>Inner Corner L<br>104x104x58,5 mm | ● 48090062N<br>○ 48090062B |  | Pletina 180°<br>180° Extender<br>Acero / Steel           | 48090069                   |
|  | Pletina alimentación<br>Power plate<br>65 mm             | 48090070                   |                                                                                     |                                                          |                            |
| Acc. Instalación<br>Installation acc.                                               |                                                          |                            |                                                                                     |                                                          | Pro                        |
|  | Cubierta opaca<br>Blind cover<br>1 m                     | ● 48090068N<br>○ 48090068B |  | Sin pasacable<br>Without hole<br>76x39x1,5 mm            | ● 48090066N<br>○ 48090066B |
| Tapas<br>End caps                                                                   |                                                          |                            |                                                                                     |                                                          | Track                      |
|                                                                                     |                                                          |                            |                                                                                     |                                                          | Arqu.<br>Arch.             |
|                                                                                     |                                                          |                            |                                                                                     |                                                          | Prod.                      |
|                                                                                     |                                                          |                            |                                                                                     |                                                          | Deco.                      |
|                                                                                     |                                                          |                            |                                                                                     |                                                          | Mod.                       |
|                                                                                     |                                                          |                            |                                                                                     |                                                          | Cont.                      |
|                                                                                     |                                                          |                            |                                                                                     |                                                          | Fuen.<br>PSU               |





TRACK

| Referencia<br>Code      | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|-------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020200 <sup>A</sup> □ | 100 mm          | 6 W               | 519 lm            | 87 lm/W              | 4000 K                |
| 48020201 □              | 100 mm          | 6 W               | 494 lm            | 82 lm/W              | 3000 K                |
| 48020202 □              | 196 mm          | 12 W              | 1036 lm           | 87 lm/W              | 4000 K                |
| 48020203 □              | 196 mm          | 12 W              | 987 lm            | 82 lm/W              | 3000 K                |
| 48020204 □              | 388 mm          | 24 W              | 2072 lm           | 87 lm/W              | 4000 K                |
| 48020205 □              | 388 mm          | 24 W              | 1974 lm           | 82 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020200N (Negro/Black)

**Características eléctricas / Electrical data**

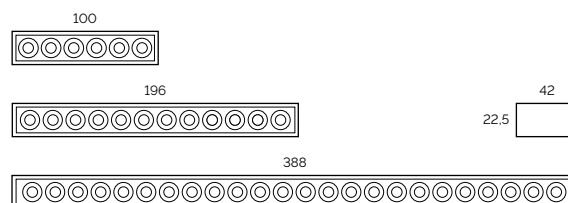
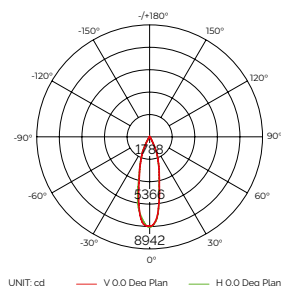
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 24 W@388 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

**Características ópticas / Photometric data**

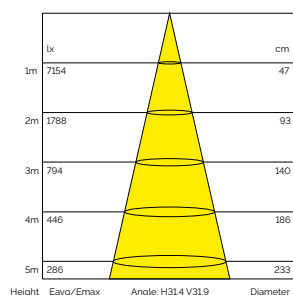
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 34°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 95 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

**Características técnicas / Technical data**

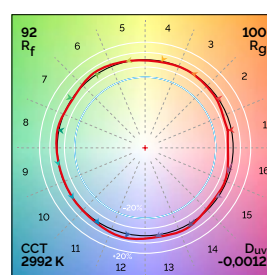
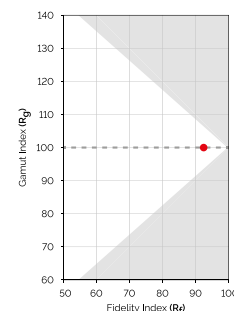
|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5, PC  |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | 22,5x42 mm     |
| T. almacenamiento / Storage T. | -40°C/80°C     |
| T. ambiente / Ambient T.       | -20°C/45°C     |
| Tc                             | 65°C           |
| Vida útil / Lifetime           | 50K h (L80B10) |
| Garantía / Warranty            | 3 años/years   |

**Distribución luminosa**  
Light intensity distribution

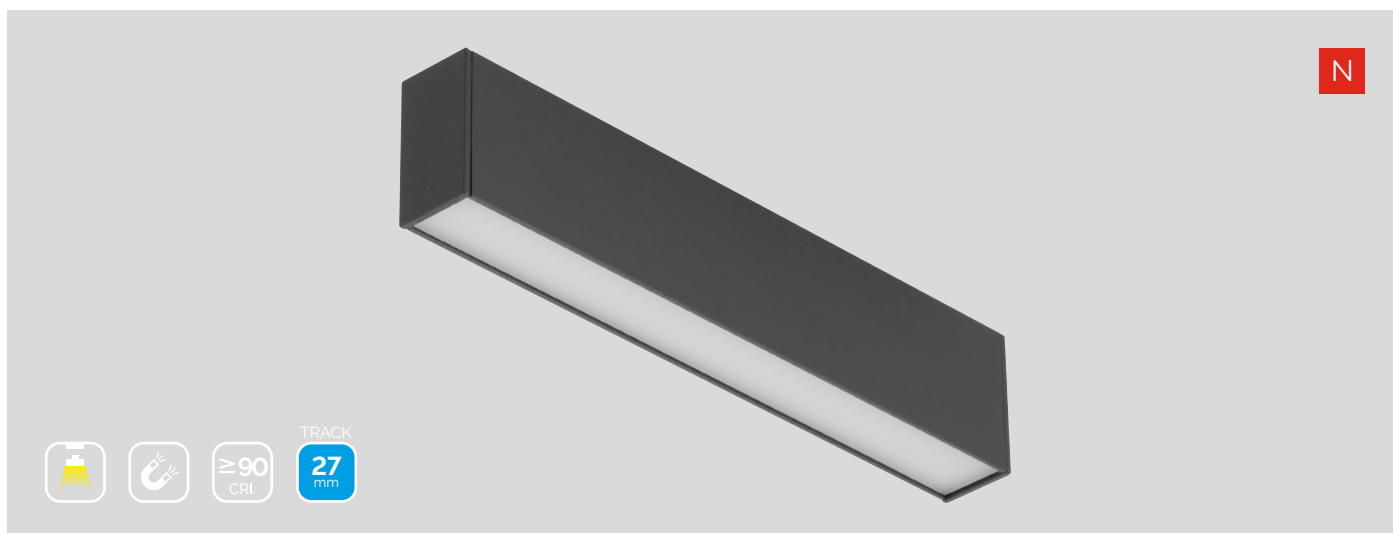
UNIT: cd — V.O.O Deg Plan — H.O.O Deg Plan

**Iluminancia**  
Illuminance

Height Eavg/Emax Angle: H31.4 V31.9 Diameter

**Vector gráfico de color**  
Colour vector graphic**Fidelidad y gama**  
Fidelity and gamut

\*Estudio fotométrico realizado sobre luminaria de 388 mm y 3000K. / Photometric test conducted on a 388 mm and 3000K luminaire.



| Referencia<br>Code                          | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020206 <span style="color: red;">A</span> | 196 mm          | 8 W               | 413 lm            | 52 lm/W              | 4000 K                |
| 48020207                                    | 196 mm          | 8 W               | 393 lm            | 49 lm/W              | 3000 K                |
| 48020208                                    | 388 mm          | 15 W              | 826 lm            | 52 lm/W              | 4000 K                |
| 48020209                                    | 388 mm          | 15 W              | 786 lm            | 49 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020206N (Negro/Black)

### Características eléctricas / Electrical data

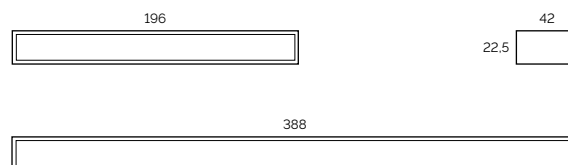
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 15 W@388 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

### Características ópticas / Photometric data

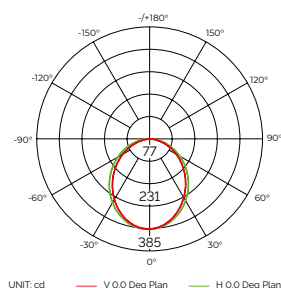
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <22                |
| Ángulo / Angle                        | 105°               |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 95 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

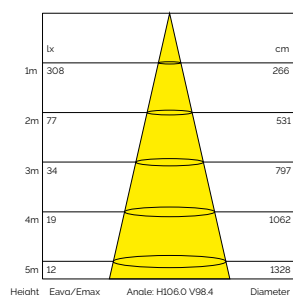
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 22,5x42 mm    |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



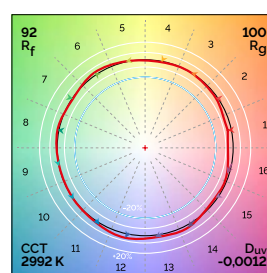
Distribución luminosa  
Light intensity distribution



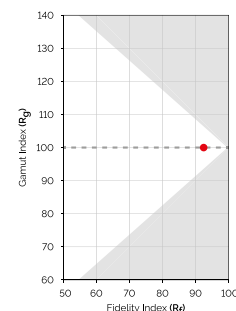
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 388 mm y 3000K. / Photometric test conducted on a 388 mm and 3000K luminaire.



| Referencia<br>Code                          | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020210 <span style="color: red;">A</span> | 100 mm          | 6 W               | 519 lm            | 87 lm/W              | 4000 K                |
| 48020211                                    | 100 mm          | 6 W               | 494 lm            | 82 lm/W              | 3000 K                |
| 48020212                                    | 196 mm          | 12 W              | 1036 lm           | 87 lm/W              | 4000 K                |
| 48020213                                    | 196 mm          | 12 W              | 987 lm            | 82 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020210N (Negro/Black)

## Características eléctricas / Electrical data

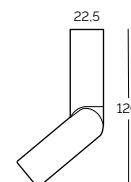
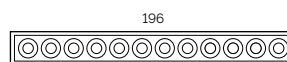
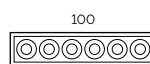
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 12 W@196 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

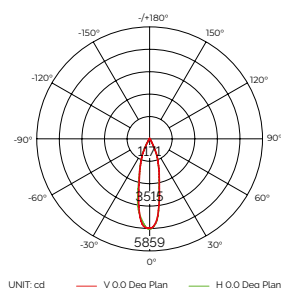
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 34°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 95 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

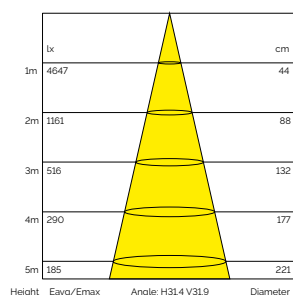
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 22,5x120 mm   |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



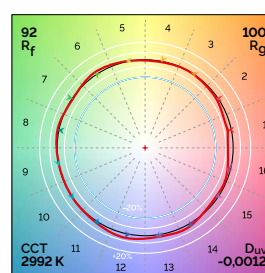
Distribución luminosa  
Light intensity distribution



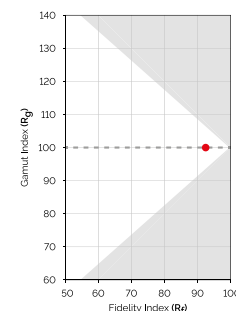
Iluminancia  
Illuminance



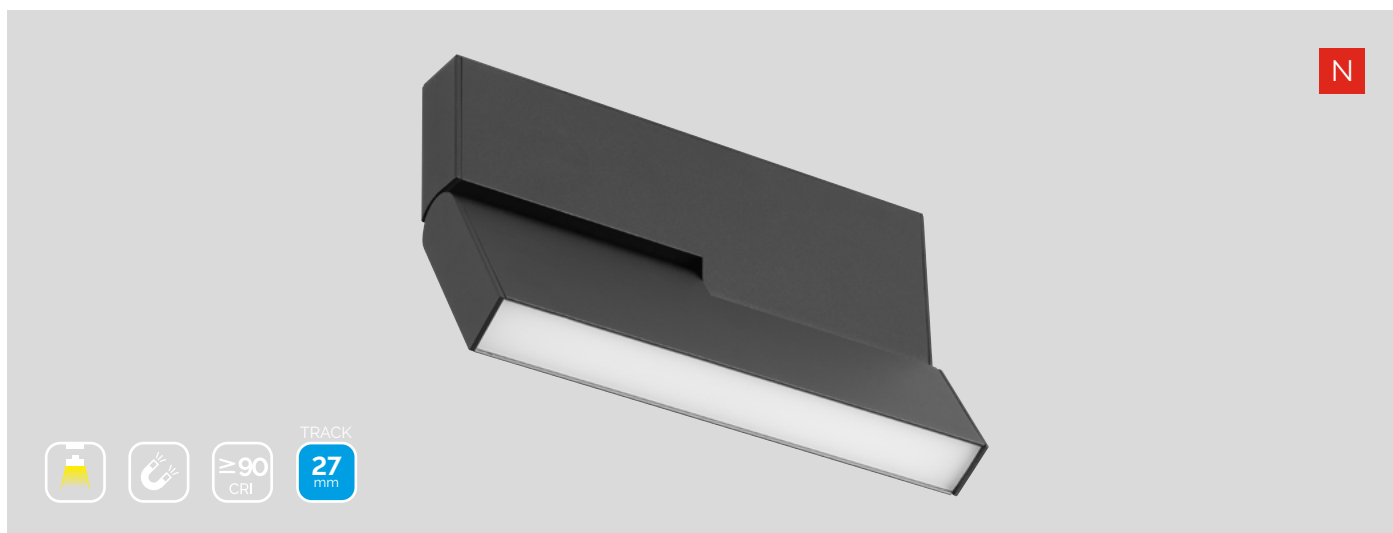
Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 196 mm y 3000K. / Photometric test conducted on a 196 mm and 3000K luminaire.



MAGNETIC TRACK SMALL 27,5 mm



| Referencia<br>Code                          | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020214 <span style="color: red;">A</span> | 100 mm          | 4 W               | 206 lm            | 52 lm/W              | 4000 K                |
| 48020215                                    | 100 mm          | 4 W               | 196 lm            | 49 lm/W              | 3000 K                |
| 48020216                                    | 196 mm          | 8 W               | 413 lm            | 52 lm/W              | 4000 K                |
| 48020217                                    | 196 mm          | 8 W               | 393 lm            | 49 lm/W              | 3000 K                |

A - Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020214N (Negro/Black)

**Características eléctricas / Electrical data**

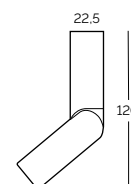
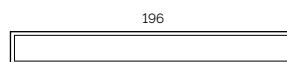
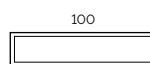
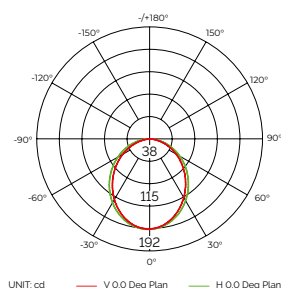
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 8 W@196 mm   |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

**Características ópticas / Photometric data**

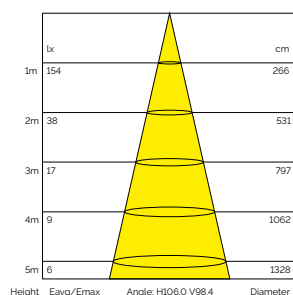
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <22                |
| Ángulo / Angle                        | 105°               |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 95 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

**Características técnicas / Technical data**

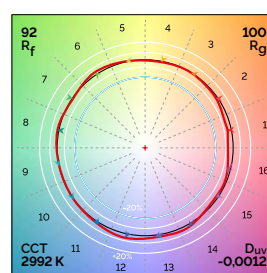
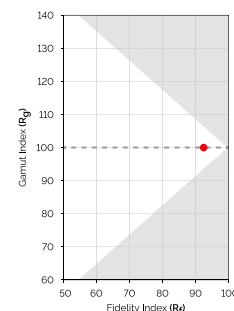
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 22,5x120 mm   |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |

**Distribución luminosa**  
Light intensity distribution

UNIT: cd — V.O.O Deg Plan — H.O.O Deg Plan

**Iluminancia**  
Illuminance

Height Eavg/Emax Angle: H106.0 V98.4 Diameter

**Vector gráfico de color**  
Colour vector graphic**Fidelidad y gama**  
Fidelity and gamut

\*Estudio fotométrico realizado sobre luminaria de 196 mm y 3000K. / Photometric test conducted on a 196 mm and 3000K luminaire.

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code                                                                                                                       | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 48020218 <span style="border: 1px solid black; padding: 0 2px;">A</span> <span style="border: 1px solid black; padding: 0 2px;">F</span> | 65 mm | 8 W               | 276 lm            | 35 lm/W              | 4000 K                |
| 48020219 <span style="border: 1px solid black; padding: 0 2px;">A</span> <span style="border: 1px solid black; padding: 0 2px;">F</span> | 65 mm | 8 W               | 268 lm            | 34 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black) | F = Forma/Shape ("\_"=Recto/Straight | C=Curvo/Curve) | Ejem. | Eg.: 48020218N (Negro/Black)

## Características eléctricas / Electrical data

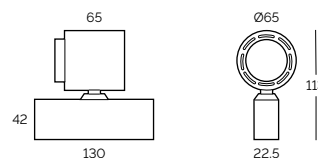
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 8 W@Ø65 mm   |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

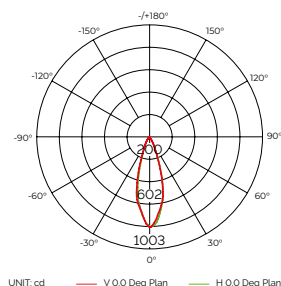
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 30°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

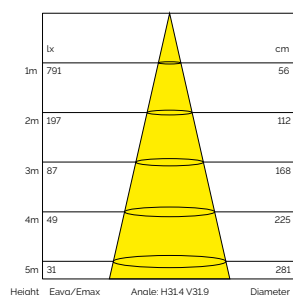
|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 113x130 mm    |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



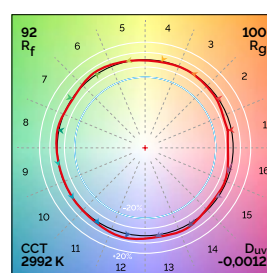
Distribución luminosa  
Light intensity distribution



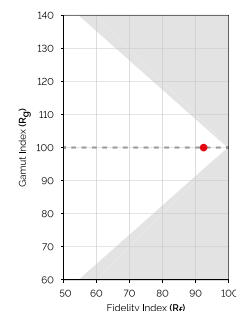
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø65 mm y 3000K. / Photometric test conducted on a Ø50 mm and 3000K luminaire.





| Referencia<br>Code                         | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------------------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 48020220 <span>A</span> <span>F</span> □ □ | 35 mm | 5 W               | 378 lm            | 75 lm/W              | 4000 K                |
| 48020221 □ □                               | 35 mm | 5 W               | 359 lm            | 71 lm/W              | 3000 K                |
| 48020222 □ □                               | 35 mm | 2x5 W             | 700 lm            | 70 lm/W              | 4000 K                |
| 48020223 □ □                               | 35 mm | 2x5 W             | 665 lm            | 66 lm/W              | 3000 K                |
| 48020224 □ □                               | 50 mm | 10 W              | 700 lm            | 70 lm/W              | 4000 K                |
| 48020225 □ □                               | 50 mm | 10 W              | 665 lm            | 66 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

F = Forma/Shape ("\_"=Recto/Straight | C=Curvo/Curve)

Ejem. | Eg.: 48020220 N (Negro/Black)

## Características eléctricas / Electrical data

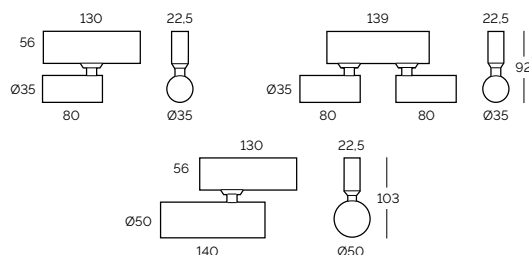
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 10 W@Ø50 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

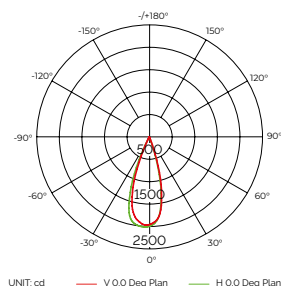
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 36°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 95 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

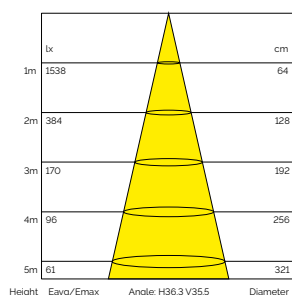
|                                |                               |
|--------------------------------|-------------------------------|
| Material                       | AL6063-T5, PC                 |
| Protección IP / IP process     | 20                            |
| Dimensiones / Size             | 130x80 / 140x130 / 139x223 mm |
| T. almacenamiento / Storage T. | -40°C/80°C                    |
| T. ambiente / Ambient T.       | -20°C/45°C                    |
| Tc                             | 65°C                          |
| Vida útil / Lifetime           | 50Kh (L80B10)                 |
| Garantía / Warranty            | 3 años/years                  |



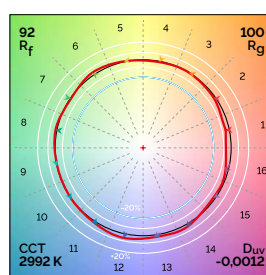
Distribución luminosa  
Light intensity distribution



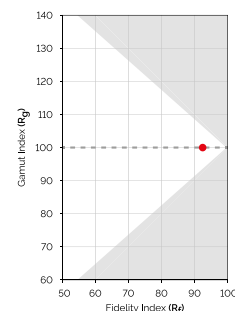
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de Ø50 mm y 3000K. / Photometric test conducted on a Ø50 mm and 3000K luminaria.



| Referencia<br>Code      | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|-------------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 48020226 <sup>A</sup> □ | 35 mm | 5 W               | 378 lm            | 75 lm/W              | 4000 K                |
| 48020227 □              | 35 mm | 5 W               | 359 lm            | 71 lm/W              | 3000 K                |
| 48020228 □              | 50 mm | 10 W              | 700 lm            | 70 lm/W              | 4000 K                |
| 48020229 □              | 50 mm | 10 W              | 665 lm            | 66 lm/W              | 3000 K                |

A = Acabado/Finish (B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48020226N (Negro/Black)

## Características eléctricas / Electrical data

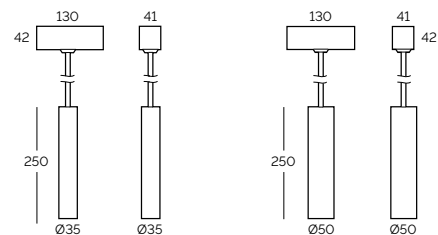
|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 V         |
| Potencia / Power                  | 10 W@Ø50 mm  |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | 0/1-10V,DALI |

## Características ópticas / Photometric data

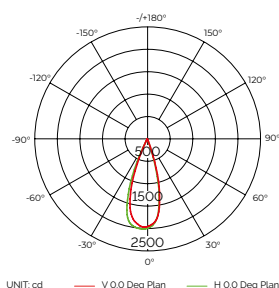
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12                |
| Ángulo / Angle                        | 24°                |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

|                                |               |
|--------------------------------|---------------|
| Material                       | AL6063-T5, PC |
| Protección IP / IP process     | 20            |
| Dimensiones / Size             | 130x250 mm    |
| T. almacenamiento / Storage T. | -40°C/80°C    |
| T. ambiente / Ambient T.       | -20°C/45°C    |
| Tc                             | 65°C          |
| Vida útil / Lifetime           | 50Kh (L80B10) |
| Garantía / Warranty            | 3 años/years  |



Distribución luminosa  
Light intensity distribution





# STANDARD TRACK



La oferta de iluminación técnica de Tecsoled crece gracias a la incorporación de luminarias para sistemas Track estándar. Pensadas para composiciones tanto decorativas como funcionales, cuentan con diferentes ópticas y acabados que las convierten en una herramienta versátil para los diseñadores de espacios industriales, comerciales y de trabajo.

*Tecsoled's range of technical lighting is growing thanks to the inclusion of luminaires for standard TRACK systems. Designed for both decorative and functional compositions, they have different optics and finishes that make them a versatile tool for designers of industrial, commercial and work spaces.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU







| Referencia<br>Code        | Ángulo<br>Angle | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|---------------------------|-----------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 10102025NC <sup>A</sup> □ | -               | 580 mm          | 36 W              | 3300 lm/m         | 91,66 lm/W           | 2700K                 |
| 10103025NC □              | -               | 580 mm          | 36 W              | 3450 lm/m         | 95,90 lm/W           | 3000K                 |
| 10104025NC □              | -               | 580 mm          | 36 W              | 3650 lm/m         | 101 lm/W             | 4000K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 10102025NCN (Negro/Black)

### Características eléctricas / Electrical data

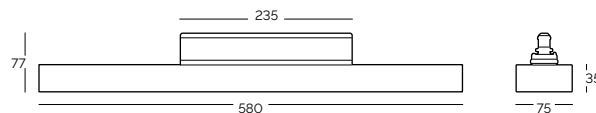
|                                   |                       |
|-----------------------------------|-----------------------|
| Tensión / Voltage                 | 220-240 / 50 (VAC/Hz) |
| Potencia / Power                  | 36 W                  |
| Factor de potencia / Power Factor | >0.9                  |
| Regulación / Dimming              | CASAMBI               |

### Características ópticas / Photometric data

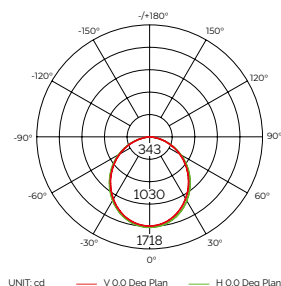
|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80 @4000K               |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3 (SDCM)                 |
| UGR                                   | <22                      |
| Ángulo / Angle                        | 105°                     |
| Código fotométrico / Photometric code | Wxxx/339                 |
| Fidelidad color / Colour Fidelity     | 85 @4000K R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 @4000K R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                      |

### Características técnicas / Technical data

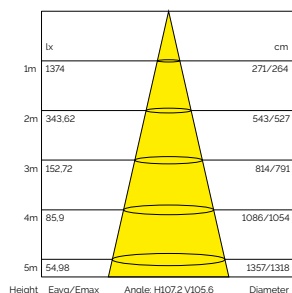
|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | 75x35 mm       |
| T. almacenamiento / Storage T. | -40 °C / 80 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 65 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 5 años/years   |



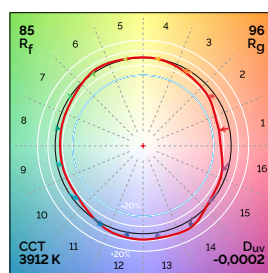
Distribución luminosa  
Light intensity distribution



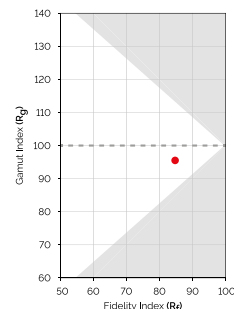
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\* Estudio fotométrico realizado sobre luminaria de 4000K. / Photometric test conducted on a 4000K luminaire.





| Referencia<br>Code                            | Ángulo<br>Angle | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|-----------------------------------------------|-----------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48090024 <span style="color: red;">A</span> □ | 20°             | Ø 85,3 mm       | 30 W              | 2950 lm           | 98,33 lm/W           | 3000K                 |
| 48090025 □                                    | 20°             | Ø 85,3 mm       | 30 W              | 3000 lm           | 100 lm/W             | 4000K                 |
| 48090026 □                                    | 40°             | Ø 85,3 mm       | 30 W              | 2950 lm           | 98,33 lm/W           | 3000K                 |
| 48090027 □                                    | 40°             | Ø 85,3 mm       | 30 W              | 3000 lm           | 100 lm/W             | 4000K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48090024N (Negro/Black)

## Características eléctricas / Electrical data

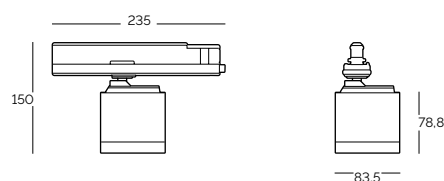
|                                   |                       |
|-----------------------------------|-----------------------|
| Tensión / Voltage                 | 220-240 / 50 (VAC/Hz) |
| Potencia / Power                  | 30 W                  |
| Factor de potencia / Power Factor | >0.9                  |
| Regulación / Dimming              | CASAMBI               |

## Características ópticas / Photometric data

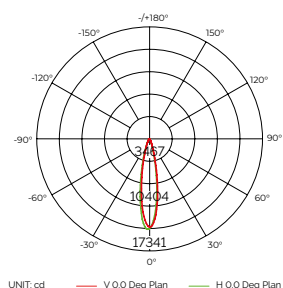
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <19                |
| Ángulo / Angle                        | 20°/40°            |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

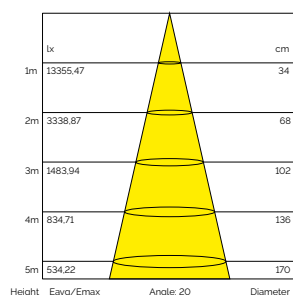
|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | Ø 85,3x78,8 mm |
| T. almacenamiento / Storage T. | -40 °C / 80 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 65 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 5 años/years   |



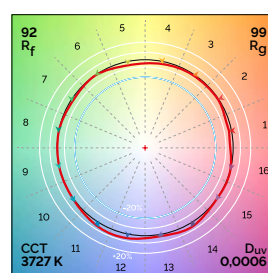
Distribución luminosa  
Light intensity distribution



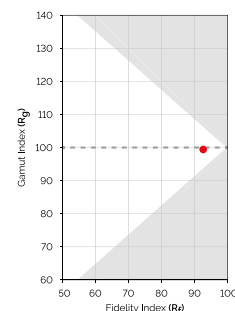
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre foco de 20° y 4000K. / Photometric test conducted on a 20° and 4000K spotlight.



Tira Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

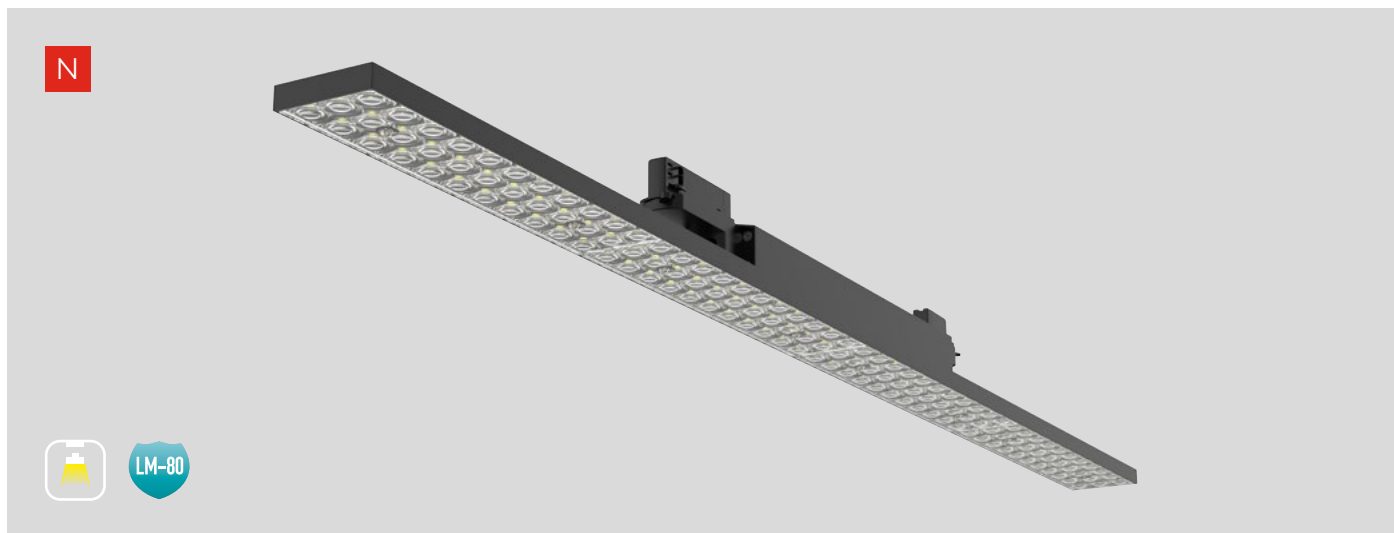
Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code                                                                           | Ángulo<br>Angle | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|----------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48090028    | 30°             | 578 mm          | 25 W              | 2900 lm           | 116 lm/W             | 3000K                 |
| 48090029    | 30°             | 578 mm          | 25 W              | 3000 lm           | 120 lm/W             | 4000K                 |
| 48090030    | 60°             | 578 mm          | 25 W              | 2900 lm           | 116 lm/W             | 3000K                 |
| 48090031    | 60°             | 578 mm          | 25 W              | 3000 lm           | 120 lm/W             | 4000K                 |
| 48090032    | 25°x25°         | 578 mm          | 25 W              | 2900 lm           | 116 lm/W             | 3000K                 |
| 48090033  | 25°x25°         | 578 mm          | 25 W              | 3000 lm           | 120 lm/W             | 4000K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48090028N (Negro/Black)

## Características eléctricas / Electrical data

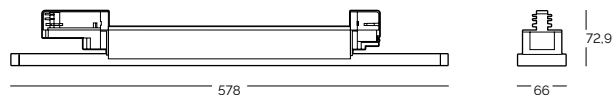
|                                   |                       |
|-----------------------------------|-----------------------|
| Tensión / Voltage                 | 220-240 / 50 (VAC/Hz) |
| Potencia / Power                  | 25 W                  |
| Factor de potencia / Power Factor | >0.9                  |
| Regulación / Dimming              | No                    |

## Características ópticas / Photometric data

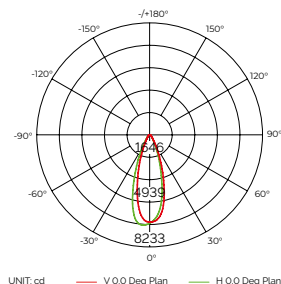
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12 @30°           |
| Ángulo / Angle                        | 30°/60°/25°x25°    |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

## Características técnicas / Technical data

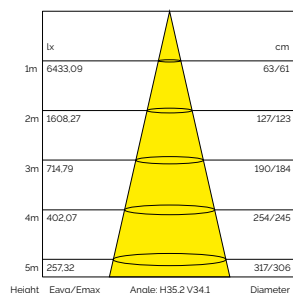
|                                |                 |
|--------------------------------|-----------------|
| Material                       | AL6063-T5       |
| Protección IP / IP process     | 20              |
| Dimensiones / Size             | 578x66 mm       |
| T. almacenamiento / Storage T. | -45 °C / 80 °C  |
| T. ambiente / Ambient T.       | -25 °C / 45 °C  |
| Tc                             | 65 °C           |
| Vida útil / Lifetime           | 50K h (L80/B10) |
| Garantía / Warranty            | 5 años/years    |



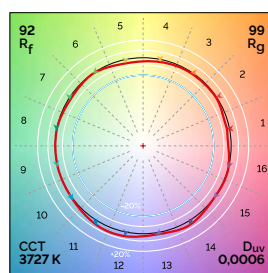
Distribución luminosa  
Light intensity distribution



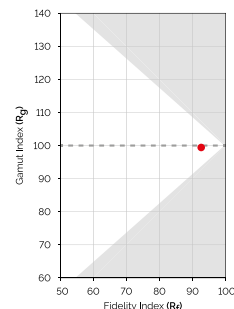
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 30° y 4000K. / Photometric test conducted on a 30° and 4000K luminaire.



| Referencia<br>Code                                                                           | Ángulo<br>Angle | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|----------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48090034    | 30°             | 578 mm          | 70 W              | 9900 lm           | 141 lm/W             | 3000K                 |
| 48090035    | 30°             | 578 mm          | 70 W              | 10000 lm          | 142 lm/W             | 4000K                 |
| 48090036    | 60°             | 578 mm          | 70 W              | 9900 lm           | 141 lm/W             | 3000K                 |
| 48090037    | 60°             | 578 mm          | 70 W              | 10000 lm          | 142 lm/W             | 4000K                 |
| 48090038   | 25°x25°         | 578 mm          | 70 W              | 9900 lm           | 141 lm/W             | 3000K                 |
| 48090039  | 25°x25°         | 578 mm          | 70 W              | 10000 lm          | 142 lm/W             | 4000K                 |

A = Acabado/Finish (A=Aluminio/Aluminum | B=Blanco/White | N=Negro/Black)

Ejem. | Eg.: 48090034N (Negro/Black)

### Características eléctricas / Electrical data

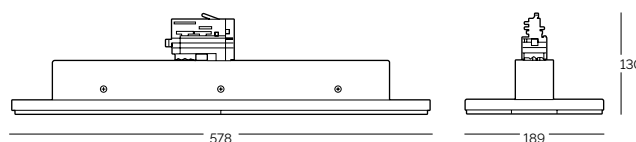
|                                   |                       |
|-----------------------------------|-----------------------|
| Tensión / Voltage                 | 220-240 / 50 (VAC/Hz) |
| Potencia / Power                  | 70 W                  |
| Factor de potencia / Power Factor | >0.9                  |
| Regulación / Dimming              | No                    |

### Características ópticas / Photometric data

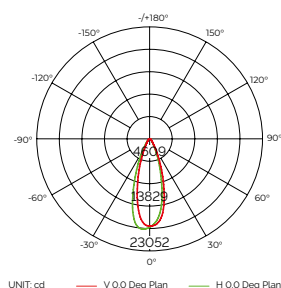
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <12 @30°           |
| Ángulo / Angle                        | 30°/60°/25°x25°    |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

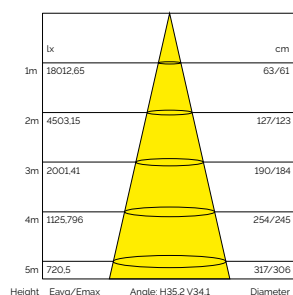
|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | 578x189mm      |
| T. almacenamiento / Storage T. | -45 °C / 80 °C |
| T. ambiente / Ambient T.       | -25 °C / 45 °C |
| Tc                             | 65 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 5 años/years   |



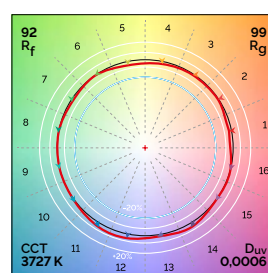
Distribución luminosa  
Light intensity distribution



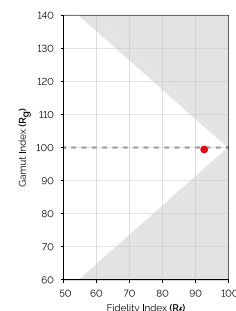
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 30° y 4000K. / Photometric test conducted on a 30° and 4000K luminaire.



Tira Strip

Acc.

Silic.

SWL

Circ.

Perf. Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu. Arch.

Prod.

Deco.

Mod.

Cont.

Fuen. PSU



# ARQUITECTURAL

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## ARCHITECTURAL

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La gama de iluminación arquitectural presenta soluciones que son capaces de dar vida a los elementos arquitectónicos. Estos productos cuentan con resistentes acabados, accesorios de instalación para cualquier aplicación y un gran diseño. Además, permiten adaptar sus ópticas, potencias y acabados para cumplir las exigencias de cualquier instalación en todos los mercados.

*Our range of architectural lighting provides solutions that can bring architectural components to life. These products have resistant finishes, installation accessories for any application and great design. In addition, their optics, powers and finishes can be adapted to meet the demands of any installation on all markets.*





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170088           | 1005 mm         | 36 W              | 2750 lm           | 76,40 lm/W           | 3000K                 |
| 11170085           | 1005 mm         | 60 W              | 2100 lm           | 35 lm/W              | RGBW                  |



Consulte opciones personalizadas para acabados, conectores y cableado.  
See custom options for finishes, connectors and wiring.

### Características eléctricas / Electrical data

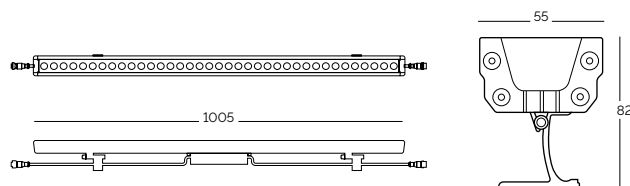
|                                   |            |
|-----------------------------------|------------|
| Tensión / Voltage                 | 24 (VDC)   |
| Potencia / Power                  | 36 W@3000K |
| Factor de potencia / Power Factor | 1          |
| Regulación / Dimming              | DMX        |

### Características ópticas / Photometric data

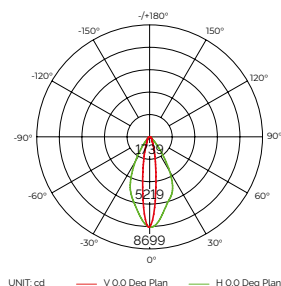
|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80@W                    |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | <12                      |
| Ángulo / Angle                        | 20° x 40°                |
| Código fotométrico / Photometric code | W830/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GR1                      |

### Características técnicas / Technical data

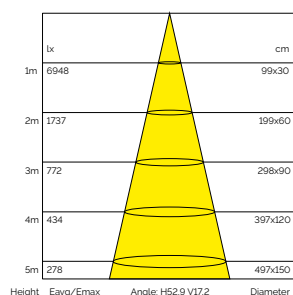
|                                |                            |
|--------------------------------|----------------------------|
| Material                       | AL6063-T5, Cristal / Glass |
| Protección IP / IP process     | 66                         |
| Dimensiones / Size             | 55x82 mm                   |
| T. almacenamiento / Storage T. | -40 °C / 70 °C             |
| T. ambiente / Ambient T.       | -20 °C / 50 °C             |
| Tc                             | 50 °C                      |
| Vida útil / Lifetime           | 50K h (L80/B10)            |
| Garantía / Warranty            | 3 años/years               |



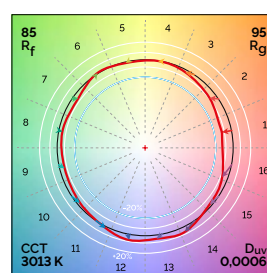
Distribución luminosa  
Light intensity distribution



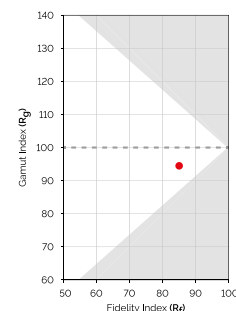
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 1005 mm y 3000K. / Photometric test conducted on a 1005 mm and 3000K luminaire.



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170090           | 998 mm          | 12 W              | 875 lm            | 65 lm/W              | 3000K                 |
| 11170089           | 998 mm          | 12W               | 250 lm            | 30 lm/W              | RGB                   |

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

①  
Consulte opciones personalizadas para acabados, conectores y cableado.  
See custom options for finishes, connectors and wiring.

**Características eléctricas / Electrical data**

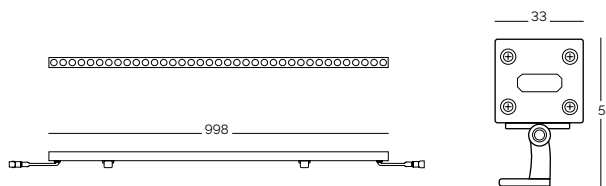
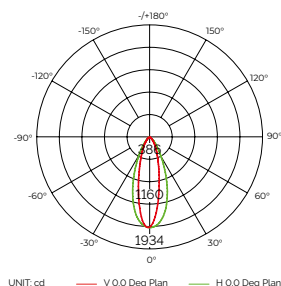
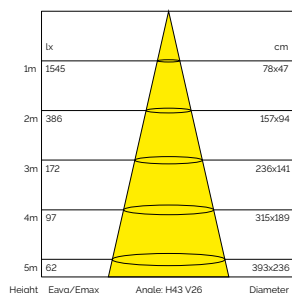
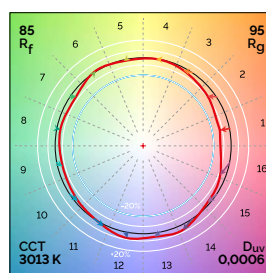
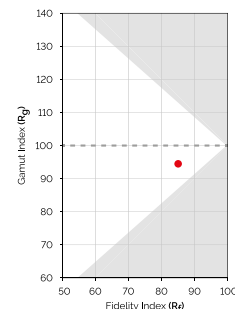
|                                   |          |
|-----------------------------------|----------|
| Tensión / Voltage                 | 24 (VDC) |
| Potencia / Power                  | 12 W     |
| Factor de potencia / Power Factor | 1        |
| Regulación / Dimming              | DMX      |

**Características ópticas / Photometric data**

|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80@W                    |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | <12                      |
| Ángulo / Angle                        | 15° x 45°                |
| Código fotométrico / Photometric code | W830/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GR1                      |

**Características técnicas / Technical data**

|                                |                            |
|--------------------------------|----------------------------|
| Material                       | AL6063-T5, Cristal / Glass |
| Protección IP / IP process     | 66                         |
| Dimensiones / Size             | 33x55 mm                   |
| T. almacenamiento / Storage T. | -40 °C / 65 °C             |
| T. ambiente / Ambient T.       | -40 °C / 50 °C             |
| Tc                             | 50 °C                      |
| Vida útil / Lifetime           | 50Khh (L80/B10)            |
| Garantía / Warranty            | 3 años/years               |

Distribución luminosa  
Light intensity distributionIluminancia  
IlluminanceVector gráfico de color  
Colour vector graphicFidelidad y gama  
Fidelity and gamut

\*Estudio fotométrico realizado sobre luminaria de 998 mm y 3000K. / Photometric test conducted on a 998 mm and 3000K luminaire.



N



65  
IP

Referencia  
Code

11170083

Largo  
Length

Ø42 mm

Potencia  
Power

3 W

Lúmenes  
Lumens

190 lm

Eficacia  
Efficacy

63 lm/W

Tª Color  
Colour T.

3000K



Consulte opciones personalizadas para acabados, conectores y cableado.  
See custom options for finishes, connectors and wiring.

## Características eléctricas / Electrical data

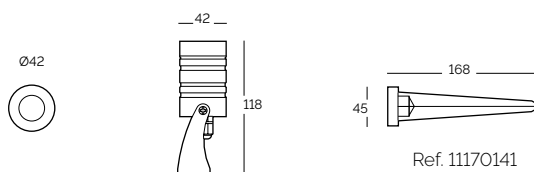
|                                   |          |
|-----------------------------------|----------|
| Tensión / Voltage                 | 24 (VDC) |
| Potencia / Power                  | 3 W      |
| Factor de potencia / Power Factor | 1        |
| Regulación / Dimming              | No       |

## Características ópticas / Photometric data

|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80                      |
| R9                                    | >0                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | <12                      |
| Ángulo / Angle                        | 20°                      |
| Código fotométrico / Photometric code | W830/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

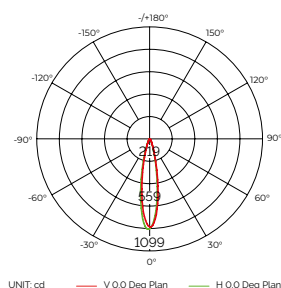
## Características técnicas / Technical data

|                                |                            |
|--------------------------------|----------------------------|
| Material                       | AL6063-T5, Cristal / Glass |
| Protección IP / IP process     | 65                         |
| Dimensiones / Size             | Ø42 ØH120/288 mm           |
| T. almacenamiento / Storage T. | -40 °C / 65 °C             |
| T. ambiente / Ambient T.       | -20 °C / 40 °C             |
| Tc                             | 50 °C                      |
| Vida útil / Lifetime           | 50K h (L80/B10)            |
| Garantía / Warranty            | 3 años/years               |

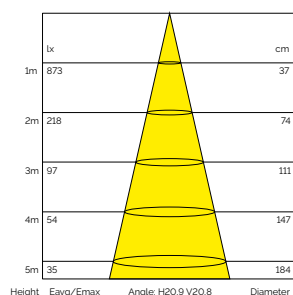


Ref. 11170141

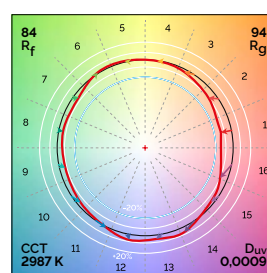
Distribución luminosa  
Light intensity distribution



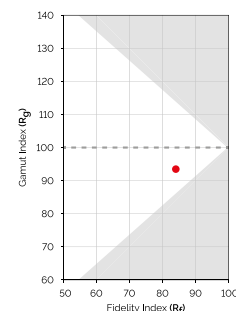
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 3000K. / Photometric test conducted on 3000K luminaire.





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU





Referencia  
Code

11170084

Largo  
Length

Ø99 mm

Potencia  
Power

9 W

Lúmenes  
Lumens

340 lm

Eficacia  
Efficacy

37 lm/W

Tª Color  
Colour T.

3000K



Consulte opciones personalizadas para acabados, conectores y cableado.  
See custom options for finishes, connectors and wiring.

## Características eléctricas / Electrical data

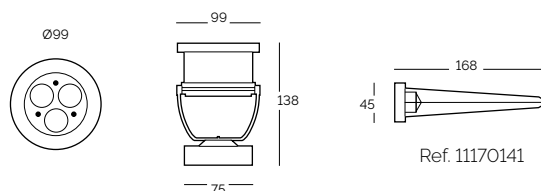
|                                   |          |
|-----------------------------------|----------|
| Tensión / Voltage                 | 24 (VDC) |
| Potencia / Power                  | 9 W      |
| Factor de potencia / Power Factor | 1        |
| Regulación / Dimming              | No       |

## Características ópticas / Photometric data

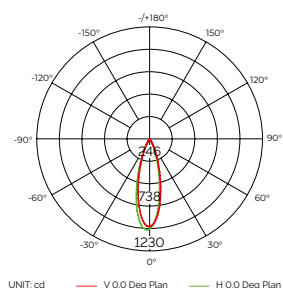
|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80                      |
| R9                                    | >0                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | <12                      |
| Ángulo / Angle                        | 30°                      |
| Código fotométrico / Photometric code | W830/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

## Características técnicas / Technical data

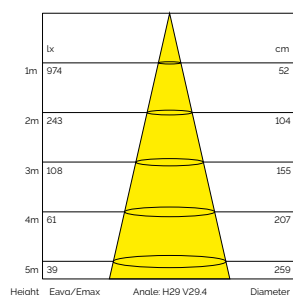
|                                |                            |
|--------------------------------|----------------------------|
| Material                       | AL6063-T5, Cristal / Glass |
| Protección IP / IP process     | 65                         |
| Dimensiones / Size             | Ø99xH138/307 mm            |
| T. almacenamiento / Storage T. | -40 °C / 65 °C             |
| T. ambiente / Ambient T.       | -20 °C / 40 °C             |
| Tc                             | 50 °C                      |
| Vida útil / Lifetime           | 50Kh (L80/B10)             |
| Garantía / Warranty            | 3 años/years               |



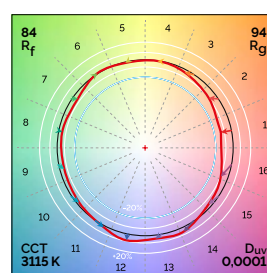
Distribución luminosa  
Light intensity distribution



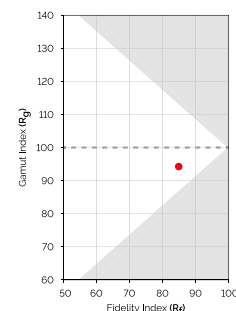
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 3000K. / Photometric test conducted on 3000K luminaire.

Referencia  
Code

11170091

Largo  
Length

60 mm

Potencia  
Power

7,5 W

Lúmenes  
Lumens

280 lm

Eficacia  
Efficacy

37 lm/W

Tª Color  
Colour T.

RGBW



Consulte opciones personalizadas para acabados, conectores y cableado.  
See custom options for finishes, connectors and wiring.

**Características eléctricas / Electrical data**

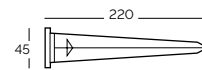
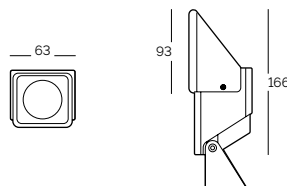
|                                   |          |
|-----------------------------------|----------|
| Tensión / Voltage                 | 24 (VDC) |
| Potencia / Power                  | 7,5 W    |
| Factor de potencia / Power Factor | 1        |
| Regulación / Dimming              | DMX      |

**Características ópticas / Photometric data**

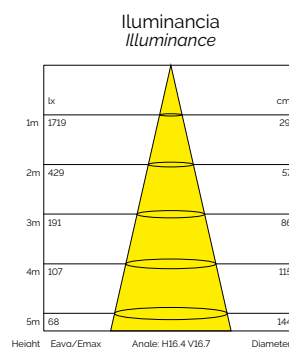
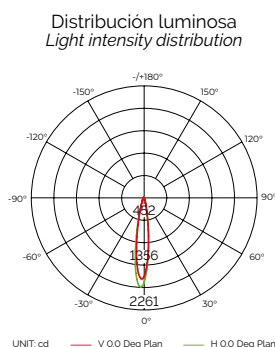
|                                       |     |
|---------------------------------------|-----|
| CRI                                   | -   |
| R9                                    | -   |
| Consistencia / Consistency            | -   |
| UGR                                   | <12 |
| Ángulo / Angle                        | 15° |
| Código fotométrico / Photometric code | -   |
| Fidelidad color / Colour Fidelity     | -   |
| Gama color / Colour Gamut             | -   |
| Grupo de riesgo / Risk group          | GRO |

**Características técnicas / Technical data**

|                                |                            |
|--------------------------------|----------------------------|
| Material                       | AL6063-T5, Cristal / Glass |
| Protección IP / IP process     | 66                         |
| Dimensiones / Size             | 63x166 mm                  |
| T. almacenamiento / Storage T. | -40 °C / 70 °C             |
| T. ambiente / Ambient T.       | -30 °C / 50 °C             |
| Tc                             | 50 °C                      |
| Vida útil / Lifetime           | 50Kh (L80/B10)             |
| Garantía / Warranty            | 3 años/years               |



Ref. 11170135



\*Estudio fotométrico realizado sobre luminaria RGBW. / Photometric test conducted on RGBW luminaire.

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU









| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170093           | 385 mm          | 3,5 W             | 350 lm            | 100 lm/W             | 4000K                 |
| 11170092           | 385 mm          | 3,5 W             | 300 lm            | 86 lm/W              | 3000K                 |

## Características eléctricas / Electrical data

|                                   |          |
|-----------------------------------|----------|
| Tensión / Voltage                 | 24 (VDC) |
| Potencia / Power                  | 3,5 W    |
| Factor de potencia / Power Factor | 1        |
| Regulación / Dimming              | No       |

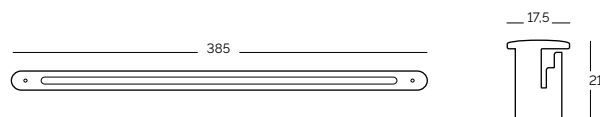
## Características ópticas / Photometric data

|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80                      |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | -                        |
| Ángulo / Angle                        | 120°                     |
| Código fotométrico / Photometric code | W8xx/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

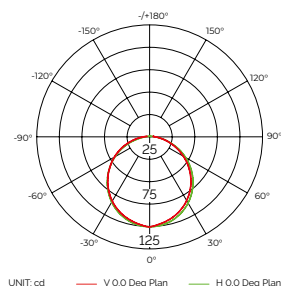
## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 65             |
| Dimensiones / Size             | 17,5x21 mm     |
| T. almacenamiento / Storage T. | -40 °C / 65 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 50 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 3 años/years   |

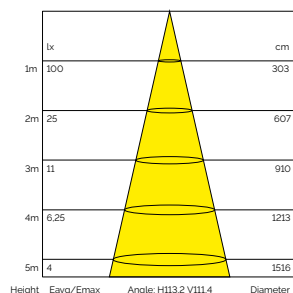
|                                          |                                       |                                            |
|------------------------------------------|---------------------------------------|--------------------------------------------|
| Perforación<br>Drilling dim.<br>15x372mm | Dim. tubo<br>Tube dim.<br>Ø 48 - 52mm | Grosor tubo<br>Tube thickness<br>0,8 - 3mm |
|------------------------------------------|---------------------------------------|--------------------------------------------|



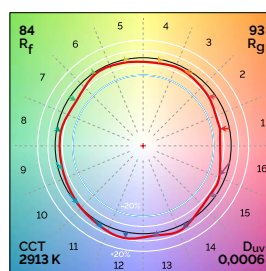
Distribución luminosa  
Light intensity distribution



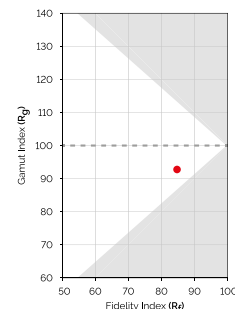
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 385 mm y 3000K. / Photometric test conducted on a 385 mm and 3000K luminaire.





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

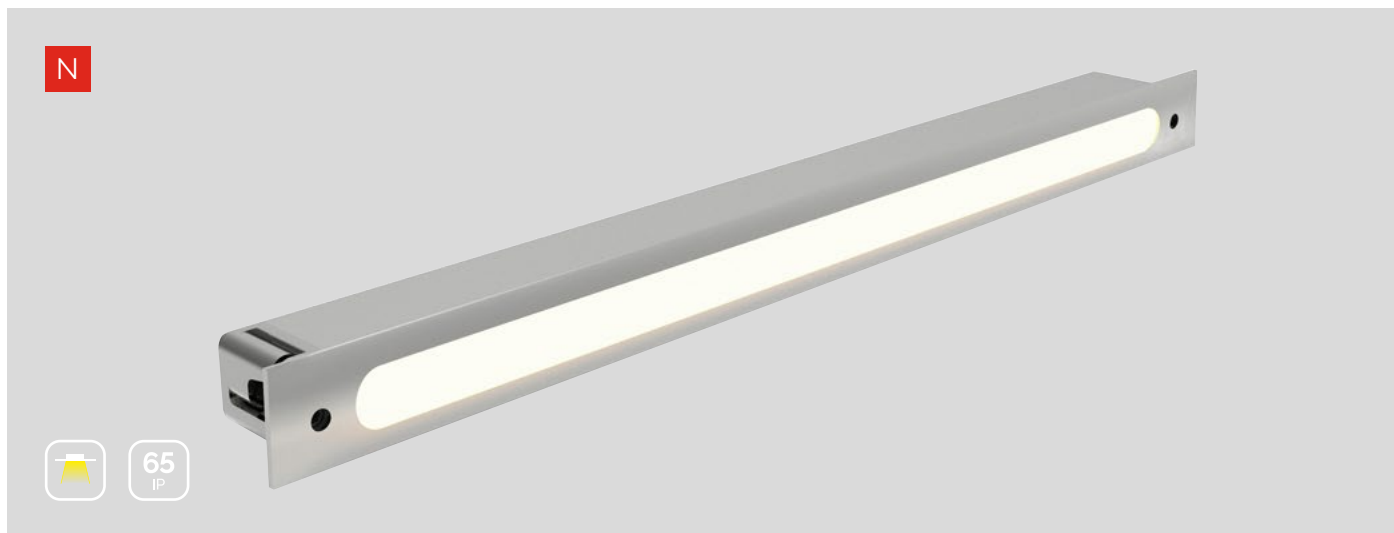
Deco.

Mod.

Cont.

Fuen.  
PSU

LSI



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170095           | 380 mm          | 3,5 W             | 350 lm            | 100 lm/W             | 4000K                 |
| 11170094           | 380 mm          | 3,5 W             | 300 lm            | 86 lm/W              | 3000K                 |

## Características eléctricas / Electrical data

|                                   |          |
|-----------------------------------|----------|
| Tensión / Voltage                 | 24 (VDC) |
| Potencia / Power                  | 3,5 W    |
| Factor de potencia / Power Factor | 1        |
| Regulación / Dimming              | No       |

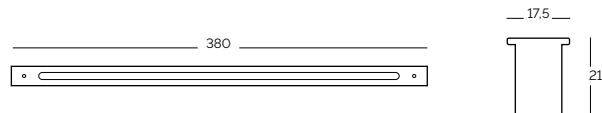
## Características ópticas / Photometric data

|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80                      |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | -                        |
| Ángulo / Angle                        | 120°                     |
| Código fotométrico / Photometric code | W8xx/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

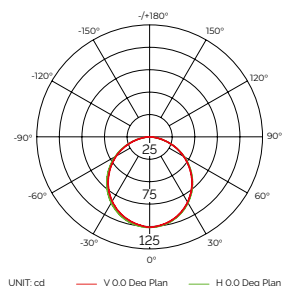
## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 65             |
| Dimensiones / Size             | 17,5x21 mm     |
| T. almacenamiento / Storage T. | -40 °C / 65 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 50 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 3 años/years   |

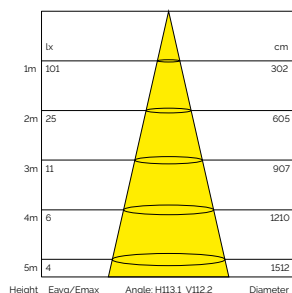
|                              |                        |                               |
|------------------------------|------------------------|-------------------------------|
| Perforación<br>Drilling dim. | Dim. tubo<br>Tube dim. | Grosor tubo<br>Tube thickness |
| 15x372mm                     | 30x30mm                | 0,8 - 3mm                     |



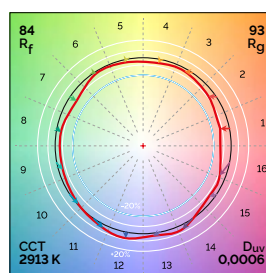
Distribución luminosa  
Light intensity distribution



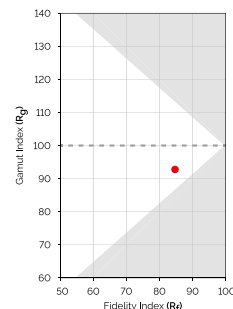
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 385 mm y 3000K. / Photometric test conducted on a 385 mm and 3000K luminaire.



| Referencia<br>Code | Tipo de lente<br>Lens type | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|----------------------------|-------------------|-------------------|----------------------|-----------------------|
| 11170097           | Simétrica / Symmetric      | 1,5 W             | 150 lm            | 100 lm/W             | 4000K                 |
| 11170096           | Simétrica / Symmetric      | 1,5 W             | 130 lm            | 86,7 lm/W            | 3000K                 |
| 11170098           | Simétrica / Symmetric      | 2 W               | 30 lm             | 15lm/W               | RGB                   |
| 11170100           | Asimétrica / Asymmetric    | 1,5 W             | 150 lm            | 100 lm/W             | 4000K                 |
| 11170099           | Asimétrica / Asymmetric    | 1,5 W             | 130 lm            | 86,7 lm/W            | 3000K                 |
| 11170101           | Asimétrica / Asymmetric    | 2 W               | 15 lm             | 7,5 lm/W             | RGB                   |

## Características eléctricas / Electrical data

|                                   |                 |
|-----------------------------------|-----------------|
| Tensión / Voltage                 | 12 - 24 (VDC)   |
| Potencia / Power                  | 1,5 W @4000K    |
| Factor de potencia / Power Factor | 1               |
| Regulación / Dimming              | DMX@RGB - PMW@W |

## Características ópticas / Photometric data

|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80@W                    |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | -                        |
| Ángulo / Angle                        | 60°/70°                  |
| Código fotométrico / Photometric code | W8xx/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

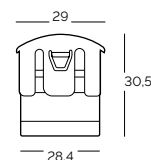
## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 65             |
| Dimensiones / Size             | Ø29x30,5 mm    |
| T. almacenamiento / Storage T. | -40 °C / 65 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 50 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 3 años/years   |

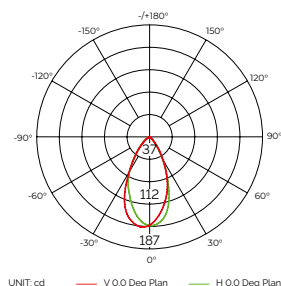
|                                        |                                       |                                            |
|----------------------------------------|---------------------------------------|--------------------------------------------|
| Perforación<br>Drilling dim.<br>Ø 27mm | Dim. tubo<br>Tube dim.<br>Ø 48 - 63mm | Grosor tubo<br>Tube thickness<br>1 - 1,5mm |
|----------------------------------------|---------------------------------------|--------------------------------------------|



Ø27

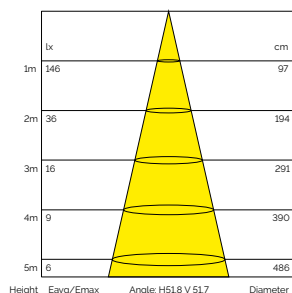


Distribución luminosa  
Light intensity distribution



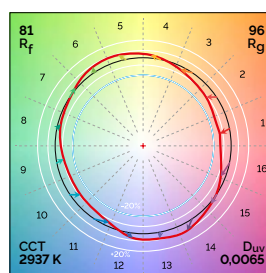
UNIT: cd — V.O.O Deg Plan — H.O.O Deg Plan

Iluminancia  
Illuminance

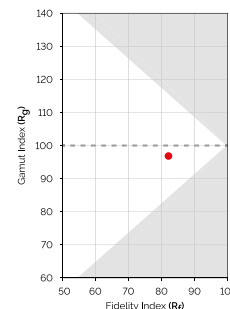


Height Eavg/Emax Angle H51.8 V 51.7 Diameter

Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 3000K. / Photometric test conducted on 3000K luminaire.



| Referencia<br>Code | Tipo de lente<br>Lens type | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|----------------------------|-------------------|-------------------|----------------------|-----------------------|
| 11170103           | Simétrica / Symmetric      | 1,5 W             | 150 lm            | 100 lm/W             | 4000K                 |
| 11170102           | Simétrica / Symmetric      | 1,5 W             | 125 lm            | 83,3 lm/W            | 3000K                 |
| 11170105           | Asimétrica / Asymmetric    | 1,5 W             | 130 lm            | 86,7 lm/W            | 4000K                 |
| 11170104           | Asimétrica / Asymmetric    | 1,5 W             | 100 lm            | 66,6 lm/W            | 3000K                 |

## Características eléctricas / Electrical data

|                                   |               |
|-----------------------------------|---------------|
| Tensión / Voltage                 | 12 - 24 (VDC) |
| Potencia / Power                  | 1,5 W         |
| Factor de potencia / Power Factor | 1             |
| Regulación / Dimming              | PWM           |

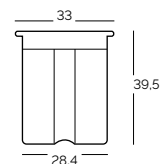
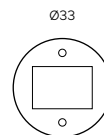
## Características ópticas / Photometric data

|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80@W                    |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | -                        |
| Ángulo / Angle                        | 80°                      |
| Código fotométrico / Photometric code | W8xx/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

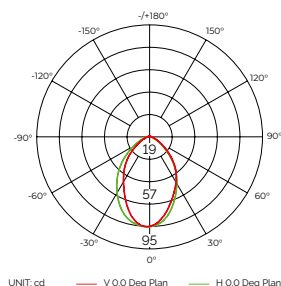
## Características técnicas / Technical data

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 65             |
| Dimensiones / Size             | Ø33x39,5 mm    |
| T. almacenamiento / Storage T. | -40 °C / 65 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 50 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 3 años/years   |

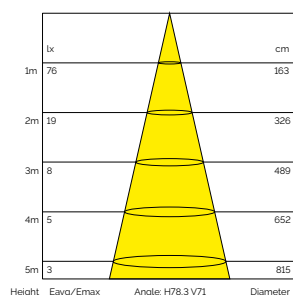
|                                           |                                     |                                            |
|-------------------------------------------|-------------------------------------|--------------------------------------------|
| Perforación<br>Drilling dim.<br>Ø 29-30mm | Dim. tubo<br>Tube dim.<br>> 50x50mm | Grosor tubo<br>Tube thickness<br>0,8 - 3mm |
|-------------------------------------------|-------------------------------------|--------------------------------------------|



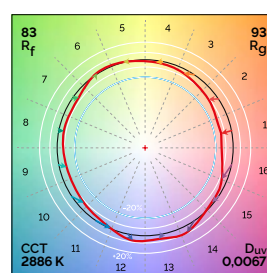
Distribución luminosa  
Light intensity distribution



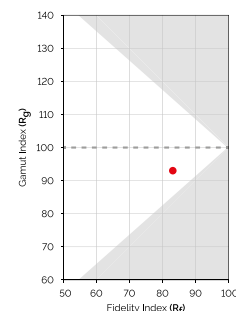
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 3000K. / Photometric test conducted on 3000K luminaire.



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

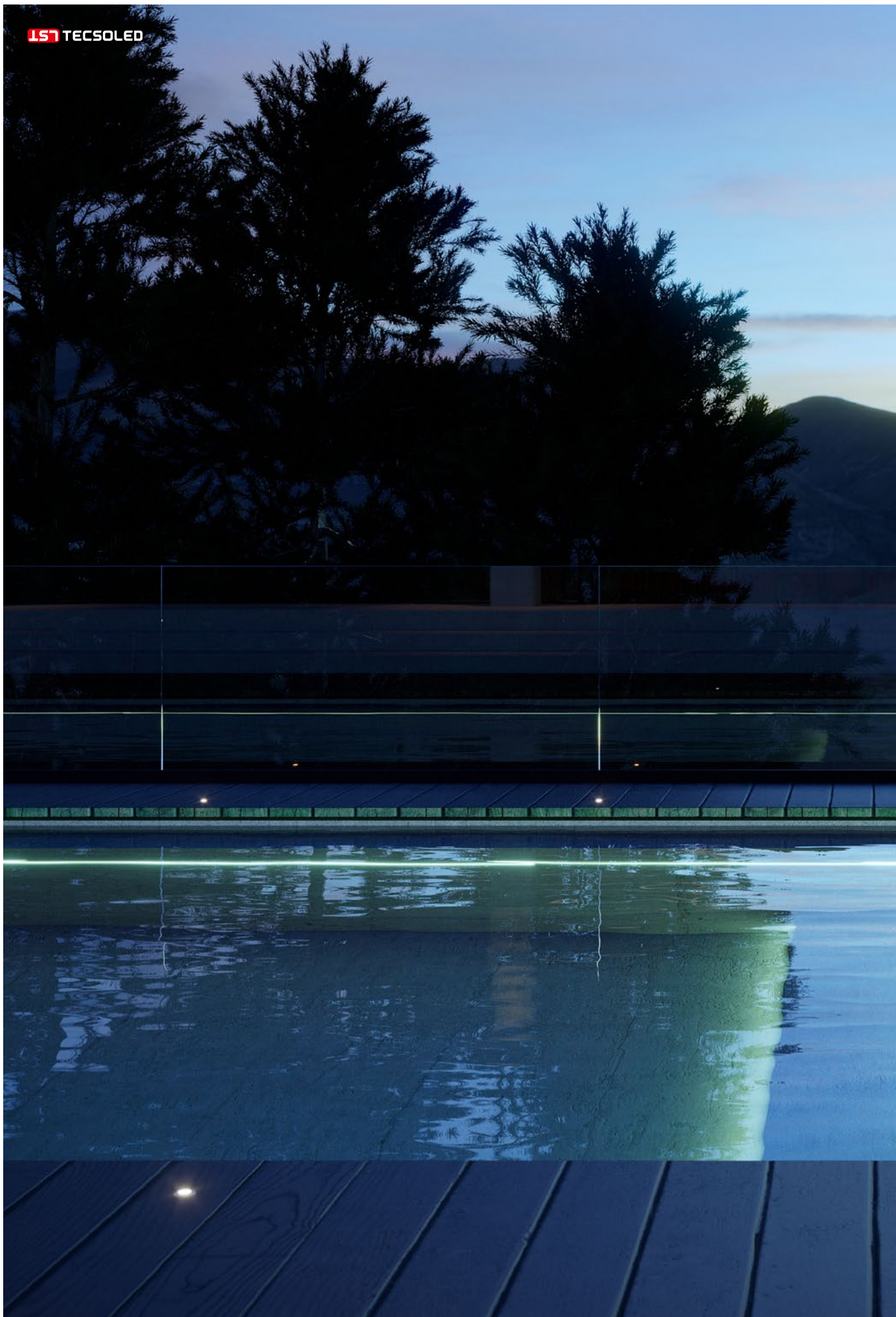
Mod.

Cont.

Fuen.  
PSU









| Referencia<br>Code | Ø     | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-------|-------------------|-------------------|----------------------|-----------------------|
| 11170107           | 35 mm | 1 W               | 50 lm             | 50 lm/W              | 4000K                 |
| 11170106           | 35 mm | 1 W               | 40 lm             | 40 lm/W              | 3000K                 |
| 11170108           | 35 mm | 2 W               | 15 lm             | 7,5 lm/W             | RGB                   |

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU**Características eléctricas / Electrical data**

|                                   |                 |
|-----------------------------------|-----------------|
| Tensión / Voltage                 | 24 (VDC)        |
| Potencia / Power                  | 1W @4000K       |
| Factor de potencia / Power Factor | 1               |
| Regulación / Dimming              | DMX@RGB - PMW@W |

**Características ópticas / Photometric data**

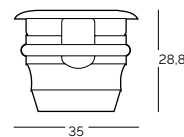
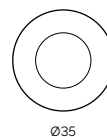
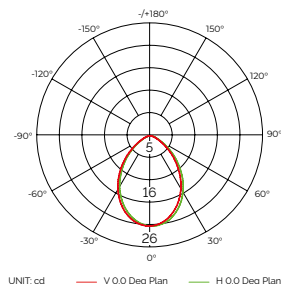
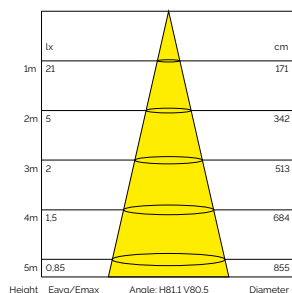
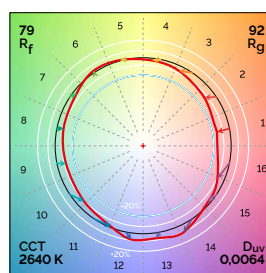
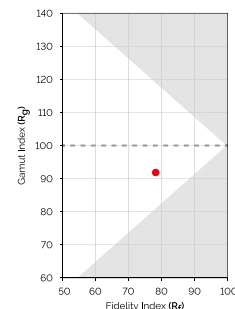
|                                       |                          |
|---------------------------------------|--------------------------|
| CRI                                   | >80@W                    |
| R9                                    | >5                       |
| Consistencia / Consistency            | 3(SDCM)                  |
| UGR                                   | -                        |
| Ángulo / Angle                        | 85°                      |
| Código fotométrico / Photometric code | W8xx/339                 |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> @3000K |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> @3000K |
| Grupo de riesgo / Risk group          | GRO                      |

**Características técnicas / Technical data**

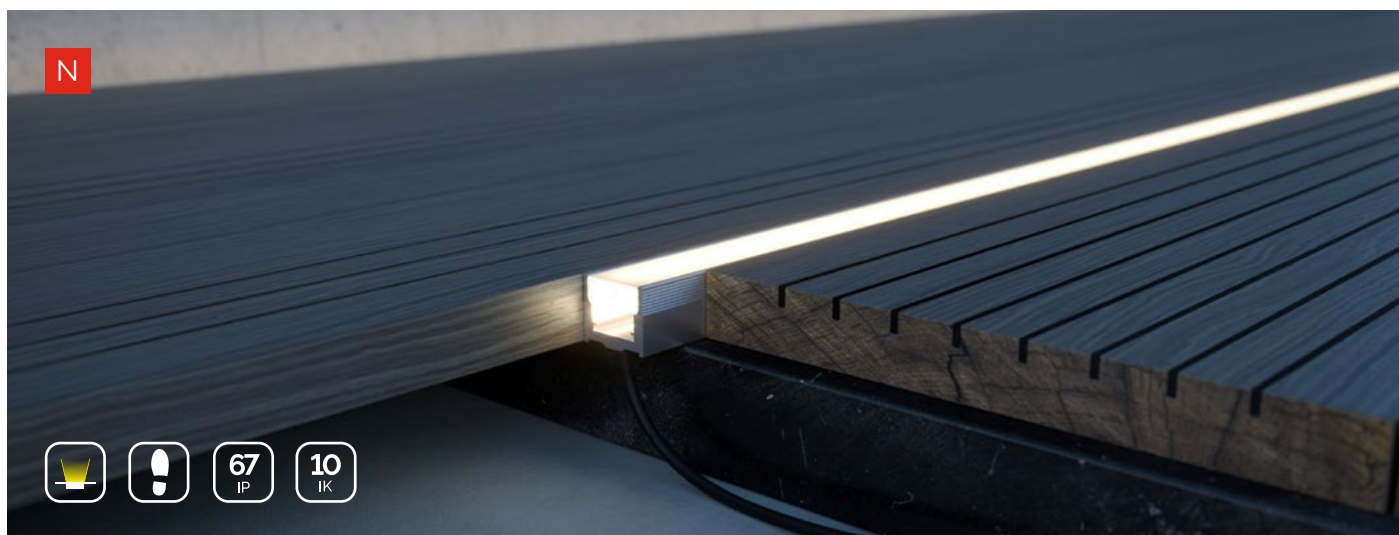
|                                |                               |
|--------------------------------|-------------------------------|
| Material                       | Acero inox. / Stainless steel |
| Protección IP / IP process     | 68                            |
| Dimensiones / Size             | Ø35x28,8 mm                   |
| T. almacenamiento / Storage T. | -40 °C / 65 °C                |
| T. ambiente / Ambient T.       | -20 °C / 45 °C                |
| Tc                             | 50 °C                         |
| Vida útil / Lifetime           | 50Kh (L80/B10)                |
| Garantía / Warranty            | 3 años/years                  |

**i** Perforación  
Drilling dim.  
Ø 30mm

Grosor suelo  
Ground thickness  
> 60mm

**Distribución luminosa**  
Light intensity distribution**Iluminancia**  
Illuminance**Vector gráfico de color**  
Colour vector graphic**Fidelidad y gama**  
Fidelity and gamut

\*Estudio fotométrico realizado sobre luminaria de 3000K. / Photometric test conducted on 3000K luminaire.



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170111           | 1000 mm         | 14,4 W            | 1150 Lm           | 80 Lm/W              | 4000K                 |
| 11170110           | 1000 mm         | 14,4 W            | 1100 Lm           | 76 Lm/W              | 3000K                 |
| 11170109           | 1000 mm         | 14,4 W            | 1000 Lm           | 69 Lm/W              | 2700K                 |
| 11170114           | 2000 mm         | 28,8 W            | 2300 Lm           | 80 Lm/W              | 4000K                 |
| 11170113           | 2000 mm         | 28,8 W            | 2200 Lm           | 76 Lm/W              | 3000K                 |
| 11170112           | 2000 mm         | 28,8 W            | 2000 Lm           | 69 Lm/W              | 2700K                 |

#### Características eléctricas / Electrical data

|                                   |                |
|-----------------------------------|----------------|
| Tensión / Voltage                 | 24 (VDC)       |
| Potencia / Power                  | 14,4 W@1000 mm |
| Factor de potencia / Power Factor | 1              |
| Regulación / Dimming              | PWM            |

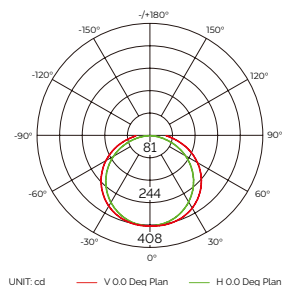
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80               |
| R9                                    | >5                |
| Consistencia / Consistency            | 3(SDCM)           |
| UGR                                   | <19               |
| Ángulo / Angle                        | 135°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>r</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

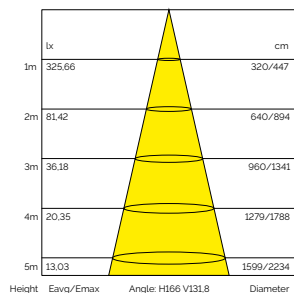
#### Características técnicas / Technical data

|                                |                 |
|--------------------------------|-----------------|
| Material                       | PMMA, AL6063-T5 |
| Protección IP / IP process     | 67              |
| Dimensiones / Size             | 22x18 mm        |
| T. almacenamiento / Storage T. | -40 °C / 65 °C  |
| T. ambiente / Ambient T.       | -20 °C / 45 °C  |
| Tc                             | 50 °C           |
| Vida útil / Lifetime           | 60Kh (L80B10)   |
| Garantía / Warranty            | 3 años/years    |

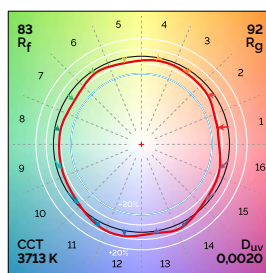
Distribución luminosa  
Light intensity distribution



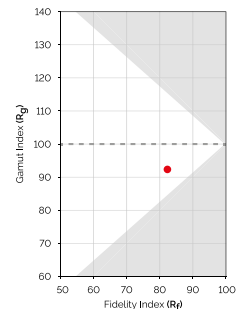
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



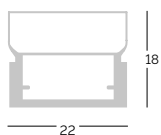
Fidelidad y gama  
Fidelity and gamut



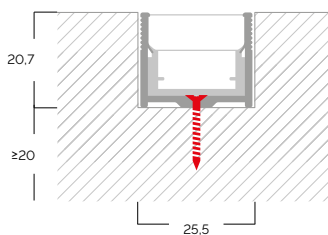
\*Estudio fotométrico realizado sobre luminaria de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K luminaire.

## Detalle constructivo e instalación Design detail and installation

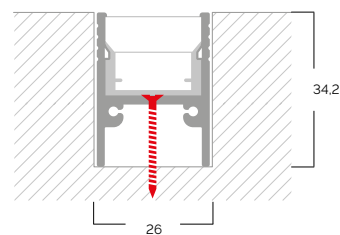
Dim. útiles  
Effective dim.  
17,2x6,5mm



Empotrable bajo  
Recessed flat



Empotrable alto  
Recessed high



## Perfiles Profiles



Empotrable bajo / Recessed flat  
Aluminio / Aluminum  
24,7x20,7 mm

08461422



Empotrable alto / Recessed high  
Aluminio / Aluminum  
24,9x34,2 mm

08462422

## Tapas End caps



Con pasacable para empotrable alto  
With hole for recessed high  
Aluminio / Aluminum  
24,9x34,2x2 mm

08465422

## Conectores Connectors



2P Macho / Male IP68

00000060



2P Hembra / Female IP68

00000061





| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170117           | 1000 mm         | 14,4 W            | 950 Lm            | 66 Lm/W              | 4000K                 |
| 11170116           | 1000 mm         | 14,4 W            | 900 Lm            | 62,5 Lm/W            | 3000K                 |
| 11170115           | 1000 mm         | 14,4 W            | 850 Lm            | 59 Lm/W              | 2700K                 |
| 11170118           | 1000 mm         | 14 W              | 400 Lm            | 28,6 Lm/W            | RGB                   |
| 11170119           | 1000 mm         | 19,8 W            | 800 Lm            | 40,4 Lm/W            | RGBW                  |
| 11170122           | 2000 mm         | 28,8 W            | 1900 Lm           | 66 Lm/W              | 4000K                 |
| 11170121           | 2000 mm         | 28,8 W            | 1800 Lm           | 62,5 Lm/W            | 3000K                 |
| 11170120           | 2000 mm         | 28,8 W            | 1700 Lm           | 59 Lm/W              | 2700K                 |
| 11170123           | 2000 mm         | 28 W              | 800 Lm            | 28,6 Lm/W            | RGB                   |
| 11170124           | 2000 mm         | 39,6 W            | 1600 Lm           | 40,4 Lm/W            | RGBW                  |

#### Características eléctricas / Electrical data

|                                   |                |
|-----------------------------------|----------------|
| Tensión / Voltage                 | 24 (VDC)       |
| Potencia / Power                  | 14,4 W@1000 mm |
| Factor de potencia / Power Factor | 1              |
| Regulación / Dimming              | PWM            |

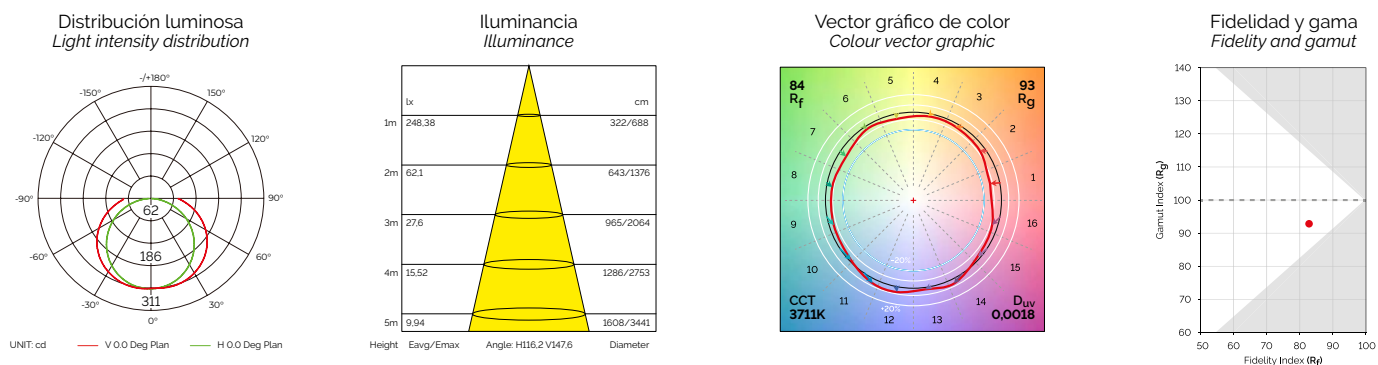
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80@W             |
| R9                                    | >5                |
| Consistencia / Consistency            | 3(SDCM)           |
| UGR                                   | <19               |
| Ángulo / Angle                        | 145°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

#### Características técnicas / Technical data

|                                |                 |
|--------------------------------|-----------------|
| Material                       | PMMA, AL6063-T5 |
| Protección IP / IP process     | 67              |
| Dimensiones / Size             | 27,2x26,8 mm    |
| T. almacenamiento / Storage T. | -40 °C / 65 °C  |
| T. ambiente / Ambient T.       | -20 °C / 45 °C  |
| Tc                             | 50 °C           |
| Vida útil / Lifetime           | 60Kh (L80B10)   |
| Garantía / Warranty            | 3 años/years    |

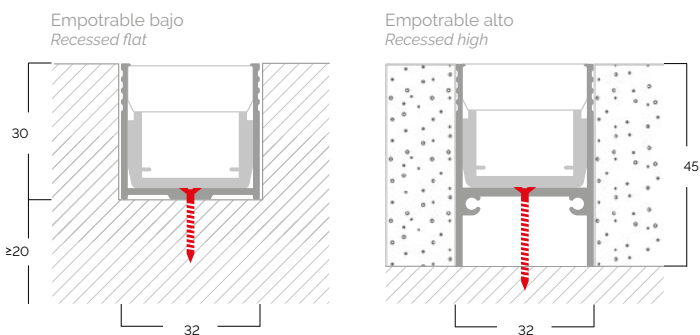
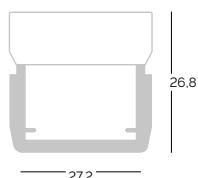




\*Estudio fotométrico realizado sobre luminaria de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K luminaire.

## Detalle constructivo e instalación Design detail and installation

**i** Dim. útiles  
Effective dim.  
21x6,5mm



## Perfiles Profiles



Empotrable bajo / Recessed flat  
Aluminio / Aluminum  
30,6x30 mm

08461427



Empotrable alto / Recessed high  
Aluminio / Aluminum  
30,6x45 mm

08462427

## Tapas End caps



Con pasacable para empotrable alto  
With hole for recessed high  
Aluminio / Aluminum  
30,6x45x2 mm

● 08465427

## Conectores Connectors



2P Macho / Male IP68  
4P Macho / Male IP68  
5P Macho / Male IP68

00000060  
00000073  
00000103



2P Hembra / Female IP68  
4P Hembra / Female IP68  
5P Hembra / Female IP68

00000061  
00000074  
00000104

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

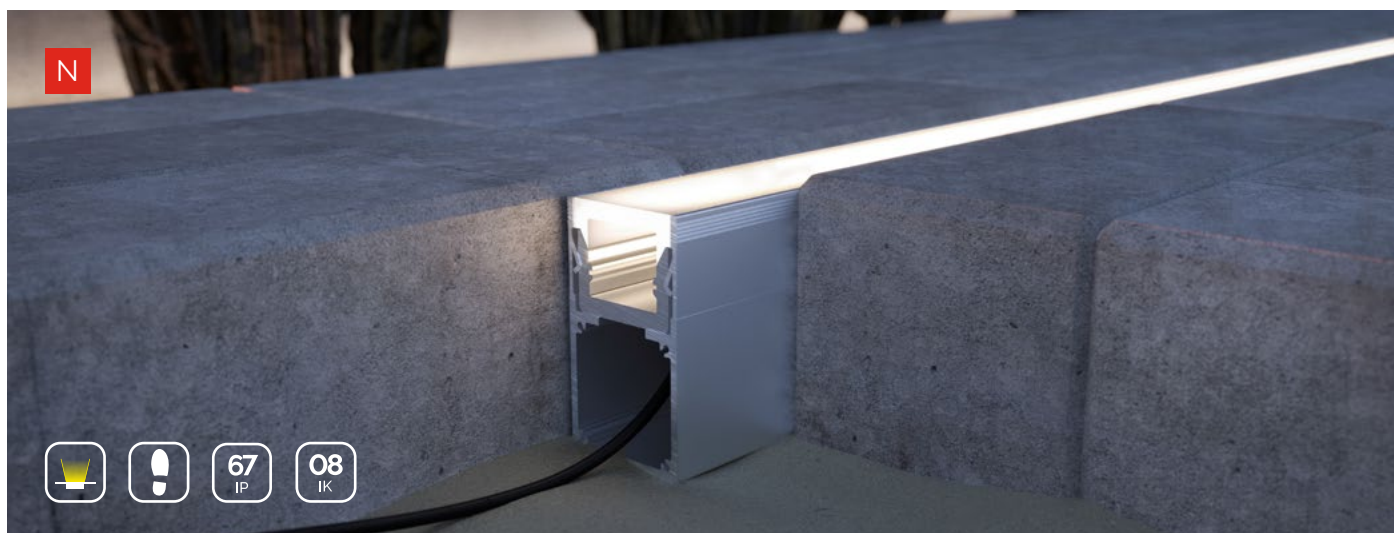
Deco.

Mod.

Cont.

Fuen.  
PSU





| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 11170127           | 1000 mm         | 28,8 W            | 2150 Lm           | 74,6 Lm/W            | 4000K                 |
| 11170126           | 1000 mm         | 28,8 W            | 2100 Lm           | 73 Lm/W              | 3000K                 |
| 11170125           | 1000 mm         | 28,8 W            | 2000 Lm           | 69 Lm/W              | 2700K                 |
| 11170128           | 1000 mm         | 28 W              | 950 Lm            | 34 Lm/W              | RGB                   |
| 11170129           | 1000 mm         | 39,6 W            | 1800 Lm           | 45,5 Lm/W            | RGBW                  |
| 11170132           | 2000 mm         | 57,6 W            | 4300 Lm           | 74,6 Lm/W            | 4000K                 |
| 11170131           | 2000 mm         | 57,6 W            | 4200 Lm           | 73 Lm/W              | 3000K                 |
| 11170130           | 2000 mm         | 57,6 W            | 4000 Lm           | 69 Lm/W              | 2700K                 |
| 11170133           | 2000 mm         | 56 W              | 1900 Lm           | 34 Lm/W              | RGB                   |
| 11170134           | 2000 mm         | 79,2 W            | 3600 Lm           | 45,5 Lm/W            | RGBW                  |

#### Características eléctricas / Electrical data

|                                   |                |
|-----------------------------------|----------------|
| Tensión / Voltage                 | 24 (VDC)       |
| Potencia / Power                  | 28,8 W@1000 mm |
| Factor de potencia / Power Factor | 1              |
| Regulación / Dimming              | PWM            |

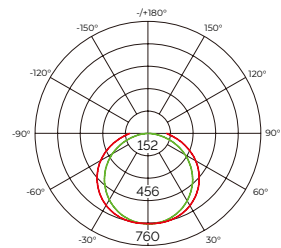
#### Características ópticas / Photometric data

|                                       |                   |
|---------------------------------------|-------------------|
| CRI                                   | >80@W             |
| R9                                    | >5                |
| Consistencia / Consistency            | 3(SDCM)           |
| UGR                                   | <19               |
| Ángulo / Angle                        | 130°              |
| Código fotométrico / Photometric code | W8xx/339          |
| Fidelidad color / Colour Fidelity     | 85 R <sub>f</sub> |
| Gama color / Colour Gamut             | 95 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO               |

#### Características técnicas / Technical data

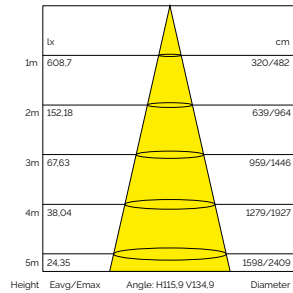
|                                |                 |
|--------------------------------|-----------------|
| Material                       | PMMA, AL6063-T5 |
| Protección IP / IP process     | 67              |
| Dimensiones / Size             | 40x35 mm        |
| T. almacenamiento / Storage T. | -40 °C / 65 °C  |
| T. ambiente / Ambient T.       | -20 °C / 45 °C  |
| Tc                             | 50 °C           |
| Vida útil / Lifetime           | 60Kh (L80B10)   |
| Garantía / Warranty            | 3 años/years    |

Distribución luminosa  
Light intensity distribution



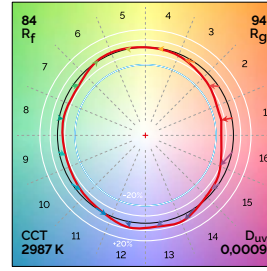
UNIT: cd — V.O.O Deg Plan — H.O.O Deg Plan

Iluminancia  
Illuminance

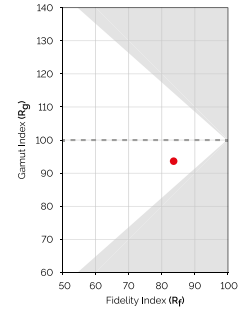


Height Eavg/Emax Angle: H115.9 V134.9 Diameter

Vector gráfico de color  
Colour vector graphic



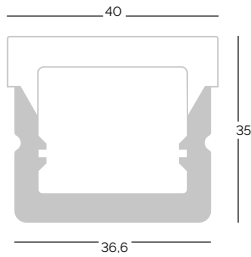
Fidelidad y gama  
Fidelity and gamut



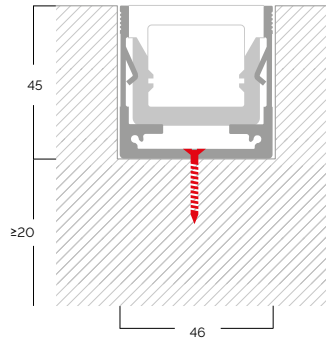
\*Estudio fotométrico realizado sobre luminaria de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K luminaire.

## Detalle constructivo e instalación Design detail and installation

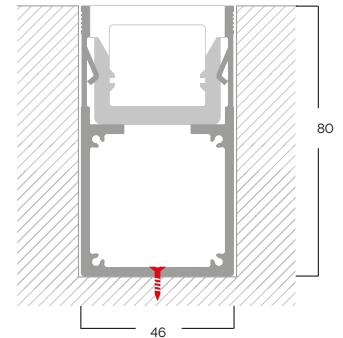
**i** Dim. útiles  
Effective dim.  
21x6,5mm



Empotrable bajo  
Recessed flat



Empotrable alto  
Recessed high



## Perfiles Profiles



Empotrable bajo / Recessed flat  
Aluminio / Aluminum  
45x45 mm

08461440



Empotrable alto / Recessed high  
Aluminio / Aluminum  
45x80 mm

08462440

## Tapas End caps



Sin pasacable para empotrable alto  
Without hole for recessed high  
Aluminio / Aluminum  
45x80x2 mm

● 08466440

## Conectores Connectors



2P Macho / Male IP68  
4P Macho / Male IP68  
5P Macho / Male IP68

00000060  
00000073  
00000103



2P Hembra / Female IP68  
4P Hembra / Female IP68  
5P Hembra / Female IP68

00000061  
00000074  
00000104

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# ILUMINACIÓN DE PRODUCTO

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## PRODUCT LIGHTING

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La iluminación es la gran aliada para potenciar las virtudes de los productos que deseamos exponer o de los que necesitamos potenciar su venta. Nuestra selección de sistemas lumínicos especialmente creados para este fin aporta diseño, facilidad de montaje, adaptación a los cambios y una alta calidad lumínica.

*Lighting is a great device for bringing out the strengths of products we want to display or those whose sales need boosting. Our range of lighting systems, especially created for this purpose, provide design, easy assembly, adaptation to change and high lighting quality.*



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



|                                                                                   | Modelo<br>Model | Referencia<br>Code | Descripción<br>Description                      | Instalación<br>Installation                                                         | Dimensiones<br>Size | Largo<br>Length |
|-----------------------------------------------------------------------------------|-----------------|--------------------|-------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|-----------------|
|  | TH01            | 48010003           | Perfil track bajo<br>Low track groove           |   | 13,5 x 8,3 mm       | 2 m             |
|  | TH02            | 48010004           | Perfil track empotrado<br>Recessed track groove |  | 19 x 16,65 mm       | 2 m             |
|  | TH03            | 48010005           | Perfil track alto<br>High track groove          |   | 15,4 x 16,65 mm     | 2 m             |
|  | TH05            | 48010006           | Perfil track colgante<br>Pendant track profile  |  | 17 x 68 mm          | 2 m             |

## Características eléctricas / Electrical data

|                      |               |
|----------------------|---------------|
| Tensión / Voltage    | Max. 48 (VDC) |
| Potencia / Power     | Max. 100 W    |
| Regulación / Dimming | PWM / 0-10 V  |

## Características técnicas / Technical data

|                            |              |
|----------------------------|--------------|
| Material                   | AL6063-T5    |
| Protección IP / IP process | 20           |
| Garantía / Warranty        | 3 años/years |

## Tapas End caps



Sin pasacable para TH01  
Without hole for TH01  
L 13,5 x 8,3 x 4,5 mm  
PC

48090016



Sin pasacable para TH02  
Without hole for TH02  
L 13,5 x 8,3 x 4,5 mm  
PC

48090017



Sin pasacable para TH03  
Without hole for TH03  
L 15,4 x 16,65 x 4,5 mm  
PC

48090018



Sin pasacable para TH05  
Without hole for TH05  
17 x 68 x 2 mm  
Aluminio / Aluminum

48090019

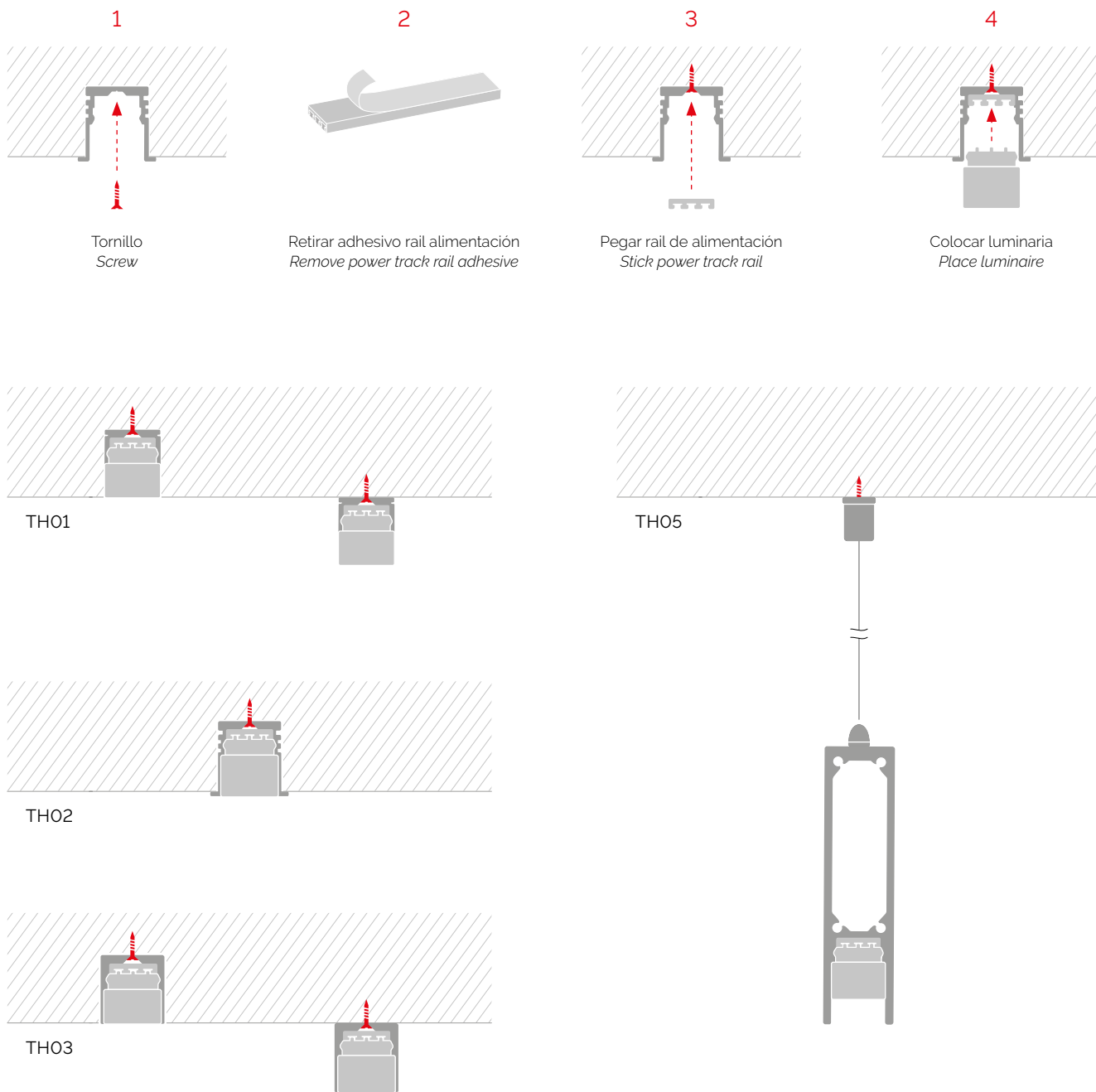
## Sujeciones Mounting clips



Cable de suspensión para TH05  
Pendant cable for TH05  
2 m  
Acero / Steel

48090020

## Instalación Installation

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

## Accesorios Accessories



Track rail alimentación adhesivo  
Adhesive power track rail  
11 x 2,25 mm  
Plástico y cobre / Plastic and cooper

48090015



Cobertor de silicona  
Silicone cover  
14 x 11,8 mm  
Silicona / Silicone

48090021



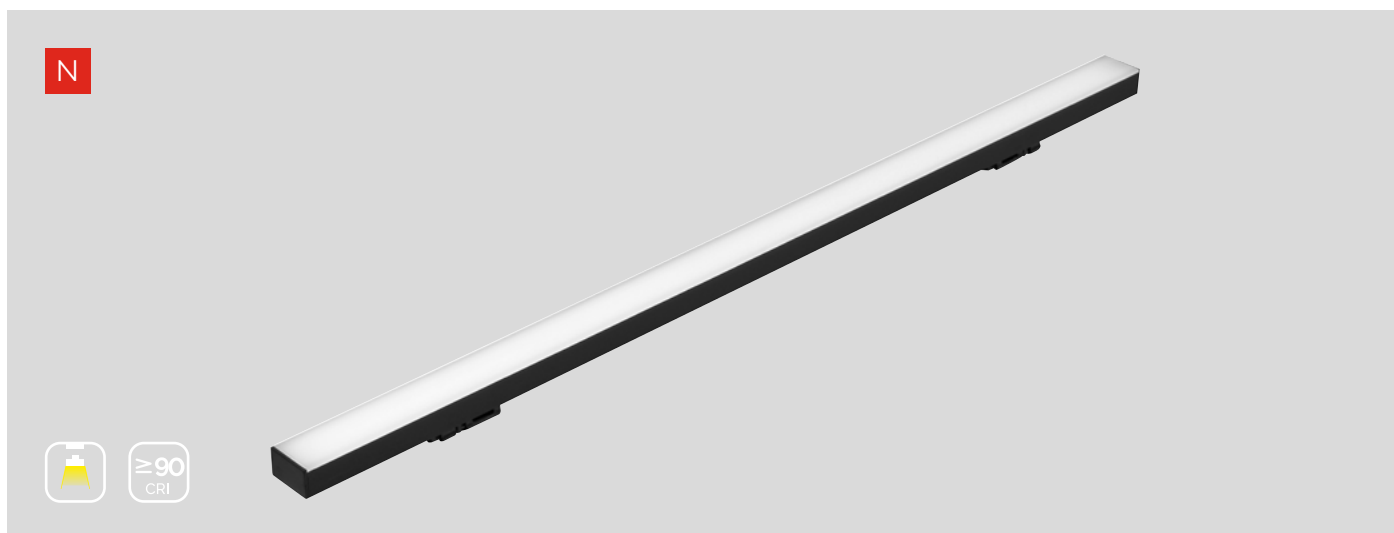
Conector de alimentación 24V-48V  
Power connector 24V-48V  
190 mm  
Max. 80 W

48090022



Conector de unión 24V-48V  
Power join connector 24-48V  
25 mm  
Max. 80 W

48090023



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020037           | 300 mm          | 2,5 W             | 240 lm            | 96 lm/W              | 3000K                 |

### Características eléctricas / *Electrical data*

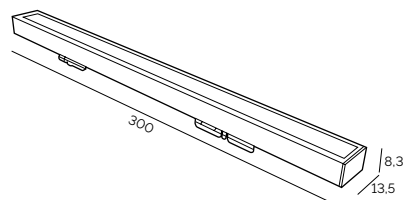
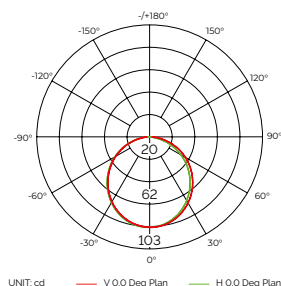
|                                          |             |
|------------------------------------------|-------------|
| Tensión / <i>Voltage</i>                 | 24-48 (VDC) |
| Potencia / <i>Power</i>                  | 2,5 W       |
| Factor de potencia / <i>Power Factor</i> | 1           |
| Regulación / <i>Dimming</i>              | 0-10 V      |

### Características ópticas / Photometric data

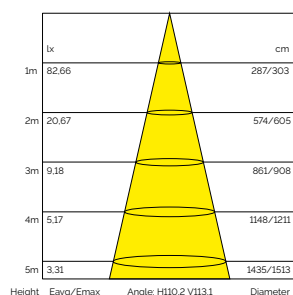
|                                              |                    |
|----------------------------------------------|--------------------|
| CRI                                          | >90                |
| R9                                           | >50                |
| Consistencia / <i>Consistency</i>            | 3(SDCM)            |
| UGR                                          | <22                |
| Ángulo / <i>Angle</i>                        | 110°               |
| Código fotométrico / <i>Photometric code</i> | W930/339           |
| Fidelidad color / <i>Colour Fidelity</i>     | 90 R <sub>f</sub>  |
| Gama color / <i>Colour Gamut</i>             | 100 R <sub>g</sub> |
| Grupo de riesgo / <i>Risk group</i>          | GR1                |

### Características técnicas / *Technical data*

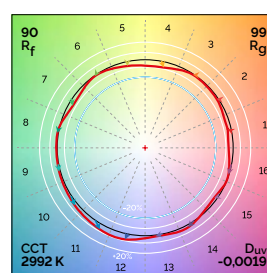
|                                       |                      |
|---------------------------------------|----------------------|
| Material                              | AL6063-T5            |
| Protección IP / <i>IP process</i>     | 20                   |
| Dimensiones / <i>Size</i>             | 300 x 13,5 x 8,3 mm  |
| T. almacenamiento / <i>Storage T.</i> | -20 °C / 65 °C       |
| T. ambiente / <i>Ambient T.</i>       | 0 °C / 45 °C         |
| Tc                                    | 50 °C                |
| Vida útil / <i>Lifetime</i>           | 50Kh (L80/B10)       |
| Garantía / <i>Warranty</i>            | 3 años/ <i>years</i> |

Distribución luminosa  
*Light intensity distribution*

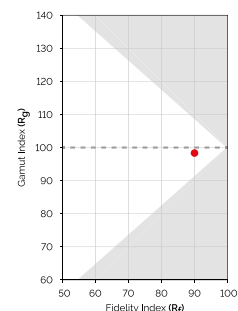
Illuminancia  
*Illuminance*

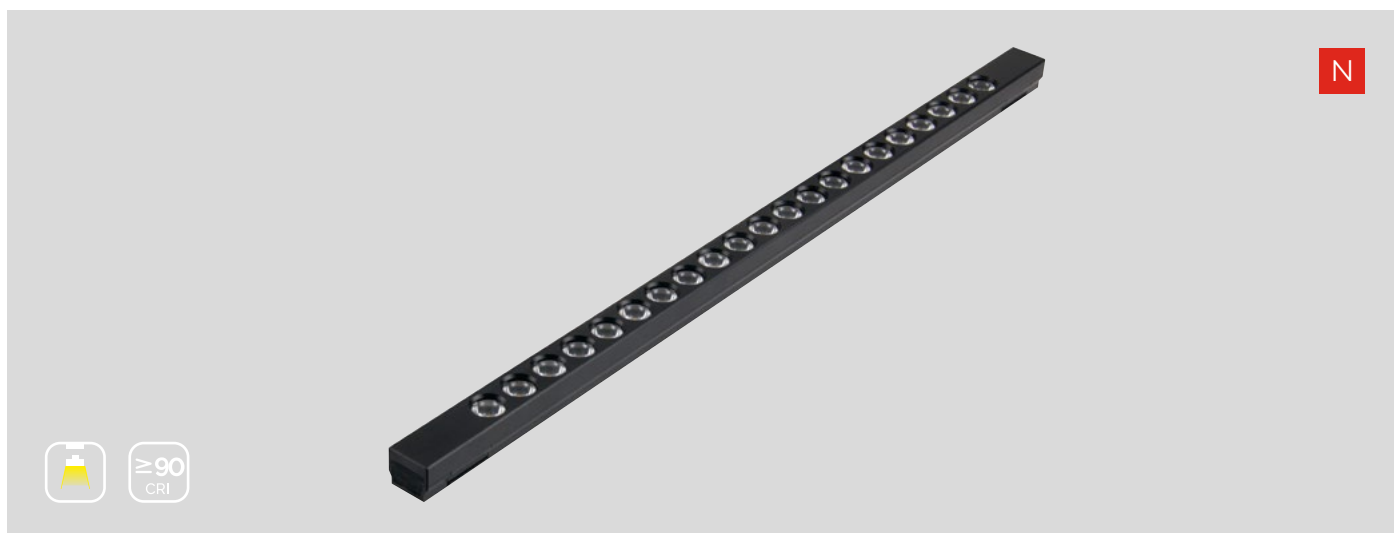


Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
*Fidelity and gamut*





Referencia  
Code

48020038

Largo  
Length

300 mm

Potencia  
Power

8 W

Lúmenes  
Lumens

1095 lm

Eficacia  
Efficacy

136 lm/W

Tª Color  
Colour T.

3000K

### Características eléctricas / Electrical data

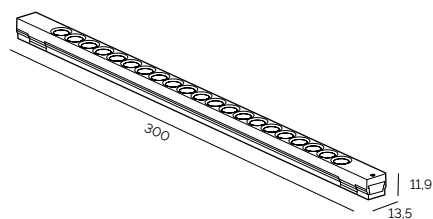
|                                   |             |
|-----------------------------------|-------------|
| Tensión / Voltage                 | 24-48 (VDC) |
| Potencia / Power                  | 8 W         |
| Factor de potencia / Power Factor | 1           |
| Regulación / Dimming              | 0-10 V      |

### Características ópticas / Photometric data

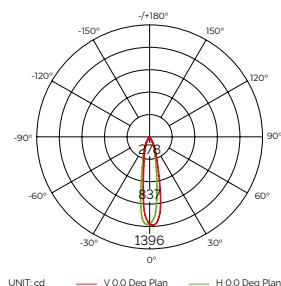
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3(SDCM)            |
| UGR                                   | <12                |
| Ángulo / Angle                        | 20°                |
| Código fotométrico / Photometric code | W930/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

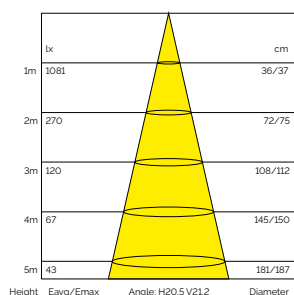
|                                |                      |
|--------------------------------|----------------------|
| Material                       | AL6063-T5            |
| Protección IP / IP process     | 20                   |
| Dimensiones / Size             | 300 x 13,5 x 11,9 mm |
| T. almacenamiento / Storage T. | -20 °C / 65 °C       |
| T. ambiente / Ambient T.       | 0 °C / 45 °C         |
| Tc                             | 50 °C                |
| Vida útil / Lifetime           | 50Kh (L80/B10)       |
| Garantía / Warranty            | 3 años/years         |



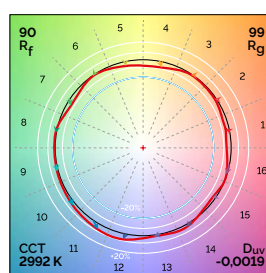
Distribución luminosa  
Light intensity distribution



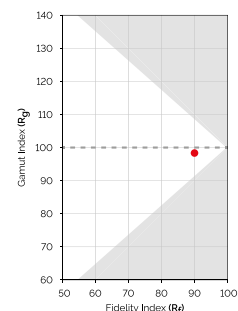
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

N

Referencia  
Code

48020039

Largo  
Length

40 mm

Potencia  
Power

2 W

Lúmenes  
Lumens

125 lm

Eficacia  
Efficacy

62,5 lm/W

Tª Color  
Colour T.

3000K

**Características eléctricas / Electrical data**

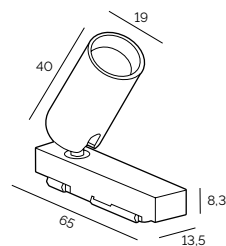
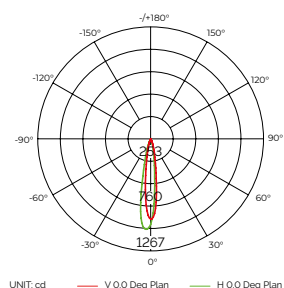
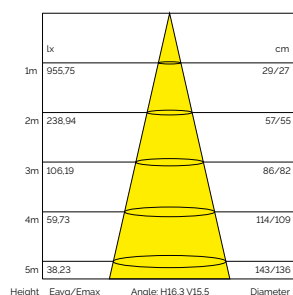
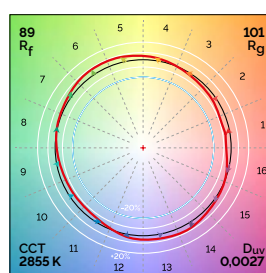
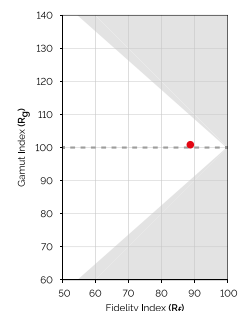
|                                   |             |
|-----------------------------------|-------------|
| Tensión / Voltage                 | 24-48 (VDC) |
| Potencia / Power                  | 2 W         |
| Factor de potencia / Power Factor | 1           |
| Regulación / Dimming              | 0-10 V      |

**Características ópticas / Photometric data**

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3(SDCM)            |
| UGR                                   | <12                |
| Ángulo / Angle                        | 15°                |
| Código fotométrico / Photometric code | W930/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

**Características técnicas / Technical data**

|                                |                 |
|--------------------------------|-----------------|
| Material                       | AL6063-T5       |
| Protección IP / IP process     | 20              |
| Dimensiones / Size             | Ø19 x 40 mm     |
| T. almacenamiento / Storage T. | -20 °C / 65 °C  |
| T. ambiente / Ambient T.       | 0 °C / 45 °C    |
| Tc                             | 50 °C           |
| Vida útil / Lifetime           | 50K h (L80/B10) |
| Garantía / Warranty            | 3 años/years    |

Distribución luminosa  
Light intensity distributionIluminancia  
IlluminanceVector gráfico de color  
Colour vector graphicFidelidad y gama  
Fidelity and gamut





Referencia  
Code

48020041

Largo  
Length

40 mm

Potencia  
Power

4 W

Lúmenes  
Lumens

250 lm

Eficacia  
Efficacy

62,5 lm/W

Tª Color  
Colour T.

3000K

### Características eléctricas / Electrical data

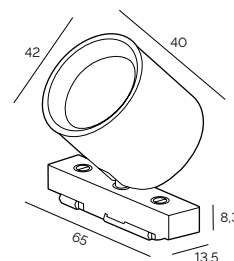
|                                   |             |
|-----------------------------------|-------------|
| Tensión / Voltage                 | 24-48 (VDC) |
| Potencia / Power                  | 4 W         |
| Factor de potencia / Power Factor | 1           |
| Regulación / Dimming              | 0-10 V      |

### Características ópticas / Photometric data

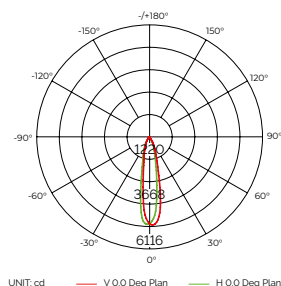
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3(SDCM)            |
| UGR                                   | <12                |
| Ángulo / Angle                        | 22°                |
| Código fotométrico / Photometric code | W930/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

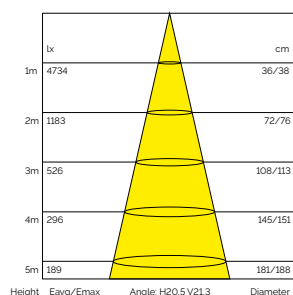
|                                |                 |
|--------------------------------|-----------------|
| Material                       | AL6063-T5       |
| Protección IP / IP process     | 20              |
| Dimensiones / Size             | Ø42 x 40 mm     |
| T. almacenamiento / Storage T. | -20 °C / 65 °C  |
| T. ambiente / Ambient T.       | 0 °C / 45 °C    |
| Tc                             | 50 °C           |
| Vida útil / Lifetime           | 50K h (L80/B10) |
| Garantía / Warranty            | 3 años/years    |



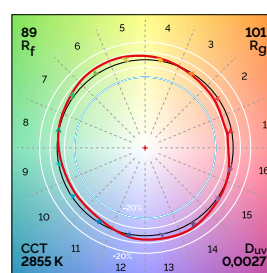
Distribución luminosa  
Light intensity distribution



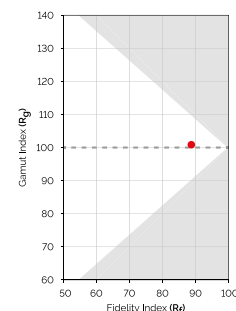
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



N



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 48020040           | 21,5 mm         | 2 W               | 140 lm            | 70 lm/W              | 3000K                 |

### Características eléctricas / Electrical data

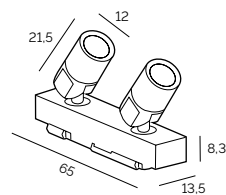
|                                   |             |
|-----------------------------------|-------------|
| Tensión / Voltage                 | 24-48 (VDC) |
| Potencia / Power                  | 2 W         |
| Factor de potencia / Power Factor | 1           |
| Regulación / Dimming              | 0-10 V      |

### Características ópticas / Photometric data

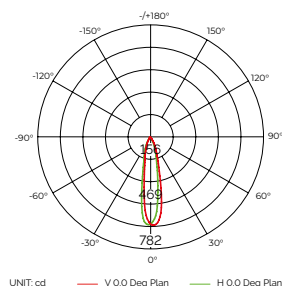
|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3(SDCM)            |
| UGR                                   | <12                |
| Ángulo / Angle                        | 20°                |
| Código fotométrico / Photometric code | W930/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GR1                |

### Características técnicas / Technical data

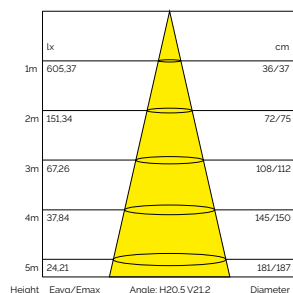
|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5      |
| Protección IP / IP process     | 20             |
| Dimensiones / Size             | Ø12 x 21,5 mm  |
| T. almacenamiento / Storage T. | -20 °C / 65 °C |
| T. ambiente / Ambient T.       | 0 °C / 45 °C   |
| Tc                             | 50 °C          |
| Vida útil / Lifetime           | 50Kh (L80/B10) |
| Garantía / Warranty            | 3 años/years   |



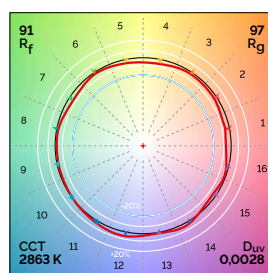
Distribución luminosa  
Light intensity distribution



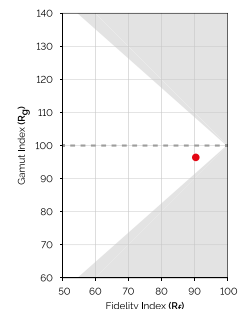
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



| Referencia<br>Code | Largo<br>Length | Potencia<br>Power | Lúmenes<br>Lumens | Eficacia<br>Efficacy | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|
| 14640245           | 100 mm          | 1,25 W            | 92 lm             | 74 lm/W              | 4000K                 |
| 14640246           | 100 mm          | 1,25 W            | 88 lm             | 70 lm/W              | 3000K                 |
| 14640247           | 200 mm          | 2,5 W             | 184 lm            | 74 lm/W              | 4000K                 |
| 14640248           | 200 mm          | 2,5 W             | 176 lm            | 70 lm/W              | 3000K                 |
| 14640249           | 300 mm          | 3,7 W             | 272 lm            | 74 lm/W              | 4000K                 |
| 14640250           | 300 mm          | 3,7 W             | 259 lm            | 70 lm/W              | 3000K                 |
| 14640251           | 580 mm          | 8 W               | 588 lm            | 74 lm/W              | 4000K                 |
| 14640252           | 580 mm          | 8 W               | 560 lm            | 70 lm/W              | 3000K                 |
| 14640253           | 880 mm          | 12 W              | 930 lm            | 74 lm/W              | 4000K                 |
| 14640254           | 880 mm          | 12 W              | 886 lm            | 70 lm/W              | 3000K                 |
| 14640255           | 1180 mm         | 16 W              | 1176 lm           | 74 lm/W              | 4000K                 |
| 14640256           | 1180 mm         | 16 W              | 1120 lm           | 70 lm/W              | 3000K                 |

**Características eléctricas / Electrical data**

|                                   |              |
|-----------------------------------|--------------|
| Tensión / Voltage                 | 24 (VDC)     |
| Potencia / Power                  | 16 W@1180 mm |
| Factor de potencia / Power Factor | 1            |
| Regulación / Dimming              | PWM          |

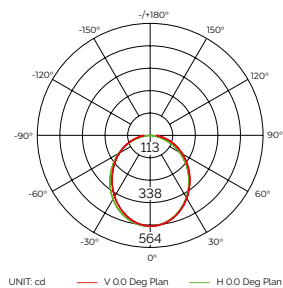
**Características ópticas / Photometric data**

|                                       |                    |
|---------------------------------------|--------------------|
| CRI                                   | >90                |
| R9                                    | >50                |
| Consistencia / Consistency            | 3 (SDCM)           |
| UGR                                   | <19                |
| Ángulo / Angle                        | 120°               |
| Código fotométrico / Photometric code | W9xx/339           |
| Fidelidad color / Colour Fidelity     | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut             | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group          | GRO                |

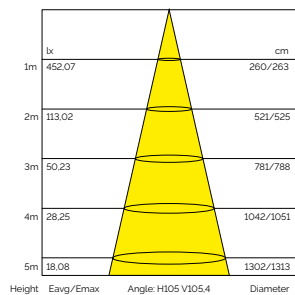
**Características técnicas / Technical data**

|                                |                |
|--------------------------------|----------------|
| Material                       | AL6063-T5, PC  |
| Protección IP / IP process     | IP20           |
| Dimensiones / Size             | 11x11,8 mm     |
| T. almacenamiento / Storage T. | -40 °C / 80 °C |
| T. ambiente / Ambient T.       | -20 °C / 45 °C |
| Tc                             | 65 °C          |
| Vida útil / Lifetime           | 50Kh (L80B10)  |
| Garantía / Warranty            | 3 años/years   |

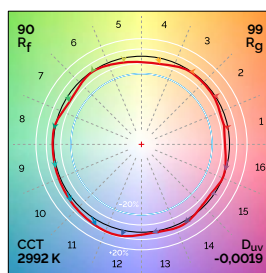
Distribución luminosa  
Light intensity distribution



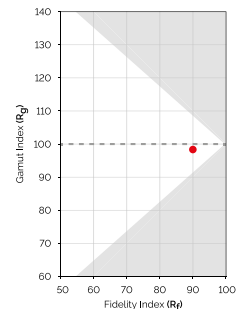
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

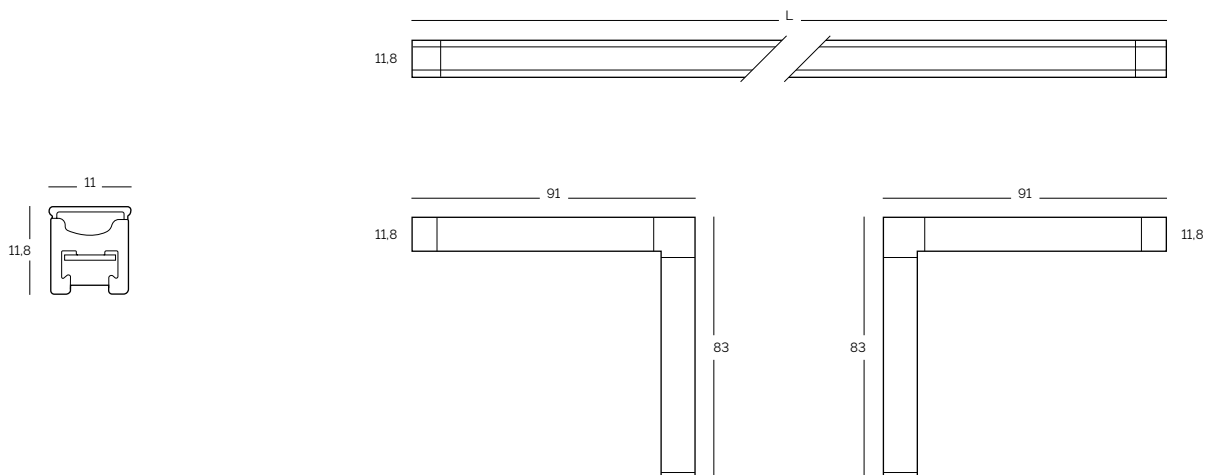


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre luminaria de 880mm y 3000K. / Photometric test conducted on a 880mm and 3000K luminaire.

Detalle constructivo  
Design detail



Sujecciones  
Mounting clips



Clip plástico  
Plastic bracket  
PC

14640263



Lámina metal  
Metal Sheet  
Hierro / Iron

14640264

Conexiones  
Connectors



Giro derecha  
Clockwise  
91x83x11.8 mm

4000K 14640257  
3000K 14640258



Giro izquierda  
Counter Clockwise  
91x83x11.8 mm

4000K 14640259  
3000K 14640260

Conectores  
Power connectors



Alimentador  
Power cable  
150 mm

14640261



Interconector  
Jumper  
150 mm

14640262

Tapas  
End caps



Set sin pasacable  
Set without hole  
7x11x11.8 mm

14640265



# DECO RATI VA



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## DECORATIVE

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Los desarrollos más creativos y los diseños más especiales tienen su espacio en esta sección de catálogo. La versatilidad de los productos y sus múltiples formas de instalación otorgan a los equipos de diseño las herramientas para llevar a cabo los proyectos con total libertad.

*The most creative and special designs can be found in this section of the catalogue. The versatility of the products and their multiple means of installation provide design teams with the tools to carry out projects with complete freedom.*



Tira  
Strip

Acc.

SWL

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

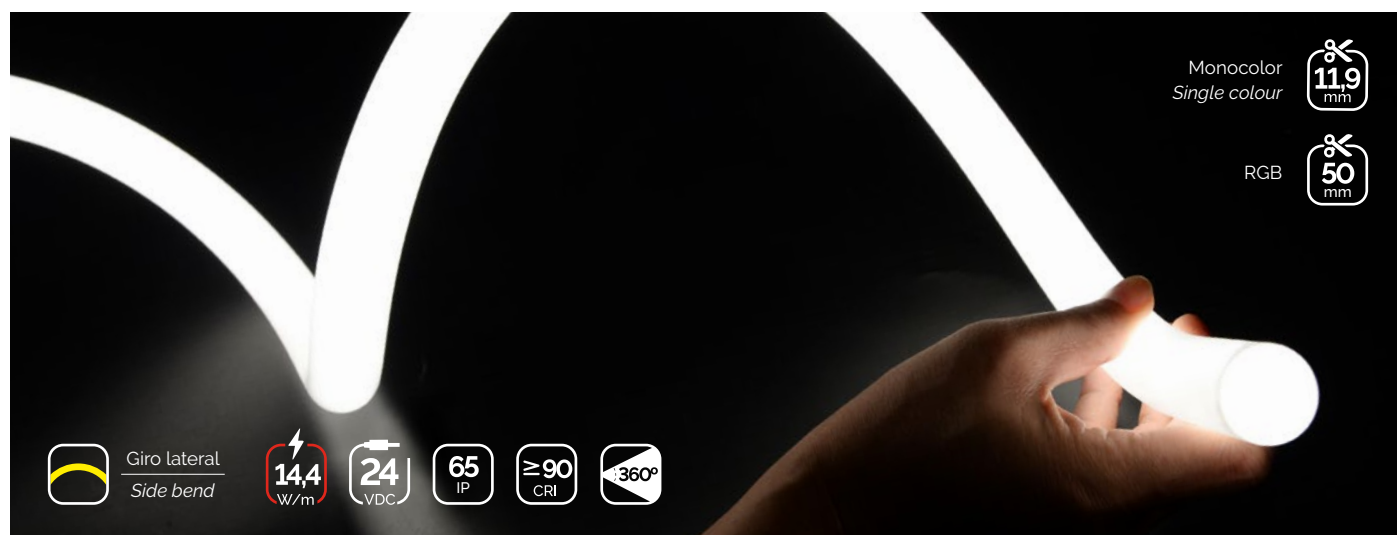
Cont.

Fuen.  
PSU









| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power | Lúmenes<br>Lumens | Corte<br>Cut | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|--------------|-----------------------|
| 12104011           | NNR25 NW        | 14,4 W/m          | 950 lm/m          | 11,9 mm      | 4000 K                |
| 12103011           | NNR25 WW        | 14,4 W/m          | 950 lm/m          | 11,9 mm      | 3000 K                |
| 12102011           | NNR25 SW        | 14,4 W/m          | 950 lm/m          | 11,9 mm      | 2700 K                |
| 12106011           | NNR25 RGB       | 14,4 W/m          | 400 lm/m          | 50 mm        | RGB                   |

## Características eléctricas / Electrical data

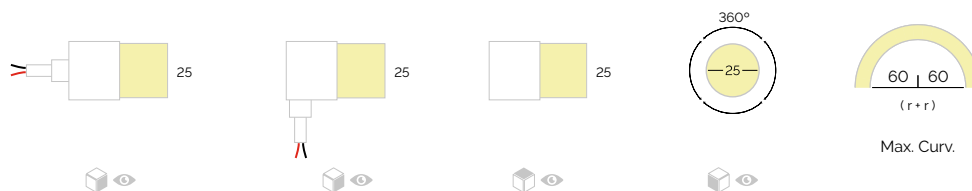
|                      |          |
|----------------------|----------|
| Tensión / Voltage    | 24 VDC   |
| Potencia / Power     | 14,4 W/m |
| Regulación / Dimming | PWM      |

## Características ópticas / Photometric data

|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 (SDCM)           |
| Ángulo / Angle                    | 360°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

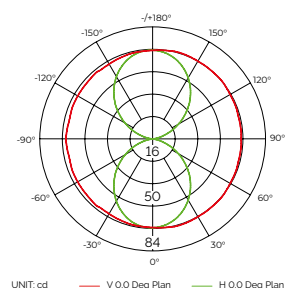
## Características técnicas / Technical data

|                                |                     |
|--------------------------------|---------------------|
| Material                       | Silicona / Silicone |
| Protección IP / IP process     | IP65                |
| T. almacenamiento / Storage T. | 0 °C / 60 °C        |
| T. ambiente / Ambient T.       | -20 °C / 55 °C      |
| Tc                             | 65 °C               |
| Longitud máx. / Max. Length    | 5 m                 |
| Vida útil / Lifetime           | 50Kh (L80B10)       |
| Garantía / Warranty            | 3 años/years        |

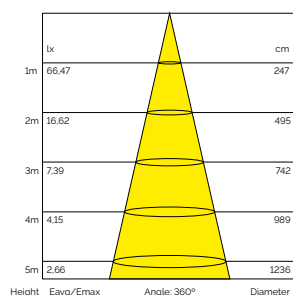


Max. Curv.

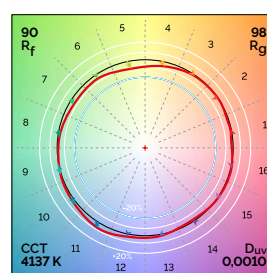
Distribución luminosa  
Light intensity distribution



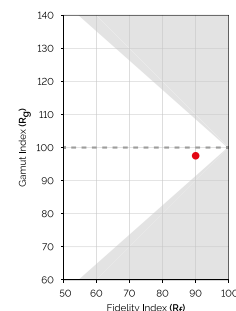
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic



Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre NNR25 NW de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K NNR25 NW.

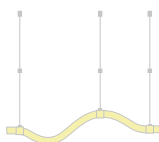


## Perfiles Profiles



Superficie horizontal rígida 1000mm  
*Rigid horizontal surface 1000 mm*  
PC 12205011

## Sujeciones Mounting clips



Telescopica  
*Telescopic*

12211011



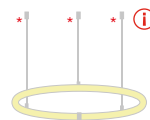
Colgante vertical rígida 2500 mm  
*Rigid vertical pendant 2500 mm*

12212011



Vertical doble techo (2X)  
*Double vertical ceiling (2X)*

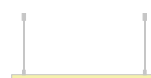
12209011



Empalme circunferencia  
*Circle splicing*

12208011

Cables colgantes (unidades según diseño)  
*Pendant cables (units according to design)*



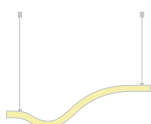
Colgante horizontal rígida 2500mm  
*Rigid horizontal pendant 2500 mm*

12206011



Estilo oculto (2X)  
*Concealed styling (2X)*

12210011



Cable colgante (2X)  
*Pendant cable (2X)*

12207011



Superficie vertical rígida 2500 mm  
*Rigid vertical surface 2500 mm*

12204011



Superficie PC  
*PC Surface*

12213011

## Tapas End caps



Con pasacable recto  
*With straight hole*

12401011



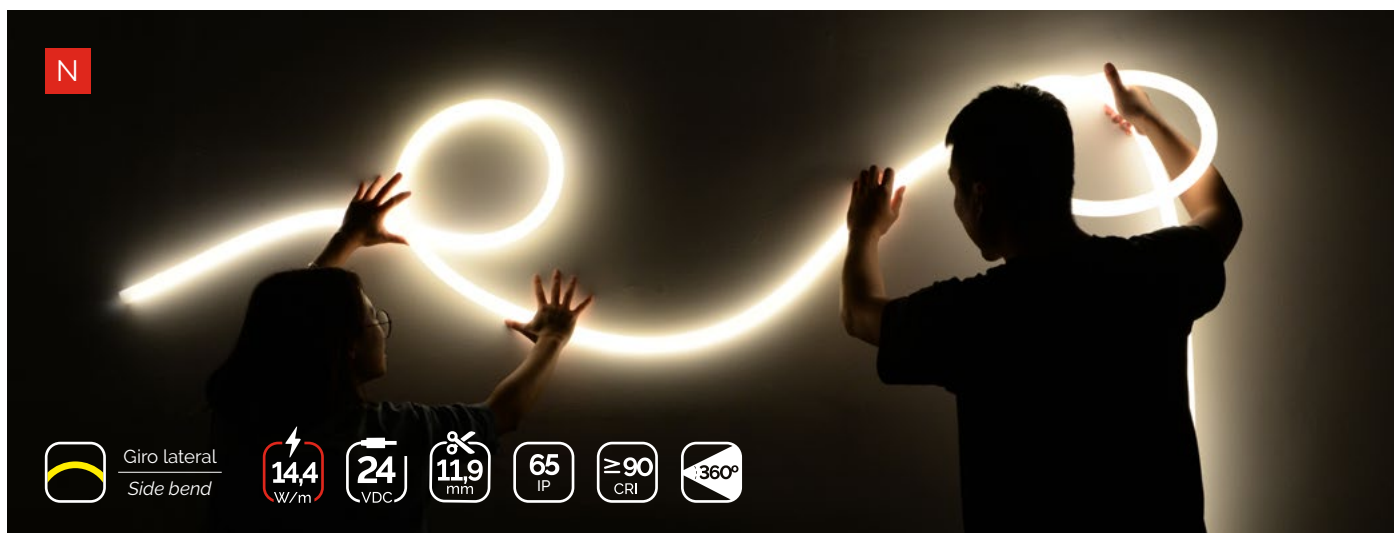
Con pasacable acodado  
*With angled hole*

12403011



Sin pasacable  
*Without hole*

12402011



| Referencia<br>Code | Modelo<br>Model | Potencia<br>Power | Lúmenes<br>Lumens | Corte<br>Cut | Tª Color<br>Colour T. |
|--------------------|-----------------|-------------------|-------------------|--------------|-----------------------|
| 12104014           | NNR18 NW        | 14,4 W/m          | 900 lm/m          | 11,9 mm      | 4000 K                |
| 12103014           | NNR18 WW        | 14,4 W/m          | 850 lm/m          | 11,9 mm      | 3000 K                |
| 12102014           | NNR18 SW        | 14,4 W/m          | 850 lm/m          | 11,9 mm      | 2700 K                |

### Características eléctricas / Electrical data

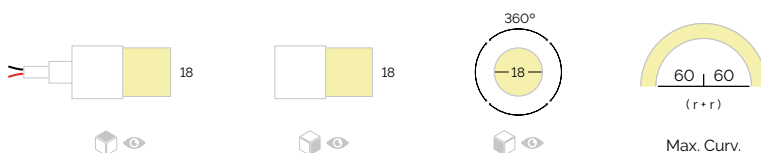
|                      |          |
|----------------------|----------|
| Tensión / Voltage    | 24 VDC   |
| Potencia / Power     | 14,4 W/m |
| Regulación / Dimming | PWM      |

### Características ópticas / Photometric data

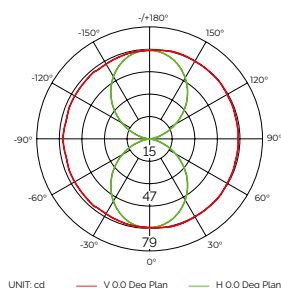
|                                   |                    |
|-----------------------------------|--------------------|
| CRI                               | >90                |
| Consistencia / Consistency        | 3 (SDCM)           |
| Ángulo / Angle                    | 360°               |
| Fidelidad color / Colour Fidelity | 90 R <sub>f</sub>  |
| Gama color / Colour Gamut         | 100 R <sub>g</sub> |
| Grupo de riesgo / Risk group      | GRO                |

### Características técnicas / Technical data

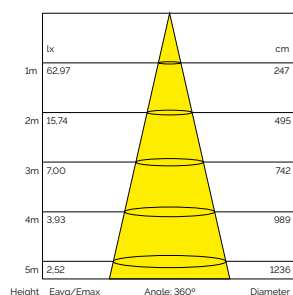
|                                |                     |
|--------------------------------|---------------------|
| Material                       | Silicona / Silicone |
| Protección IP / IP process     | IP65                |
| T. almacenamiento / Storage T. | 0 °C / 60 °C        |
| T. ambiente / Ambient T.       | -20° C / 55 °C      |
| Tc                             | 65 °C               |
| Longitud máx. / Max. Length    | 5 m                 |
| Vida útil / Lifetime           | 50Kh (L80B10)       |
| Garantía / Warranty            | 3 años/years        |



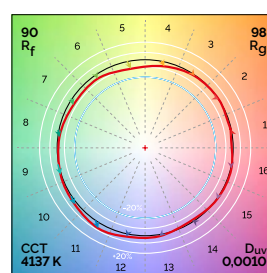
Distribución luminosa  
Light intensity distribution



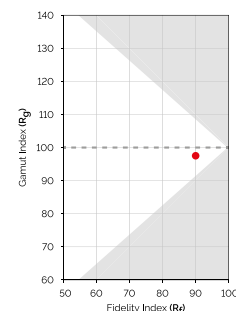
Iluminancia  
Illuminance



Vector gráfico de color  
Colour vector graphic

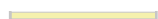


Fidelidad y gama  
Fidelity and gamut



\*Estudio fotométrico realizado sobre NNR18 NW de 1000 mm y 4000K. / Photometric test conducted on a 1000 mm and 4000K NNR18 NW.

## Perfiles Profiles



Carril transparente 1000 mm  
Transparent carrier 1000 mm  
PC

12301014

## Sujeciones Mounting clips



Superficie  
Surface  
PC

12201014

## Tapas End caps



Con pasacable recto  
With straight hole

12401014



Sin pasacable  
Without hole

12402014



**LSI** TECSOLE

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

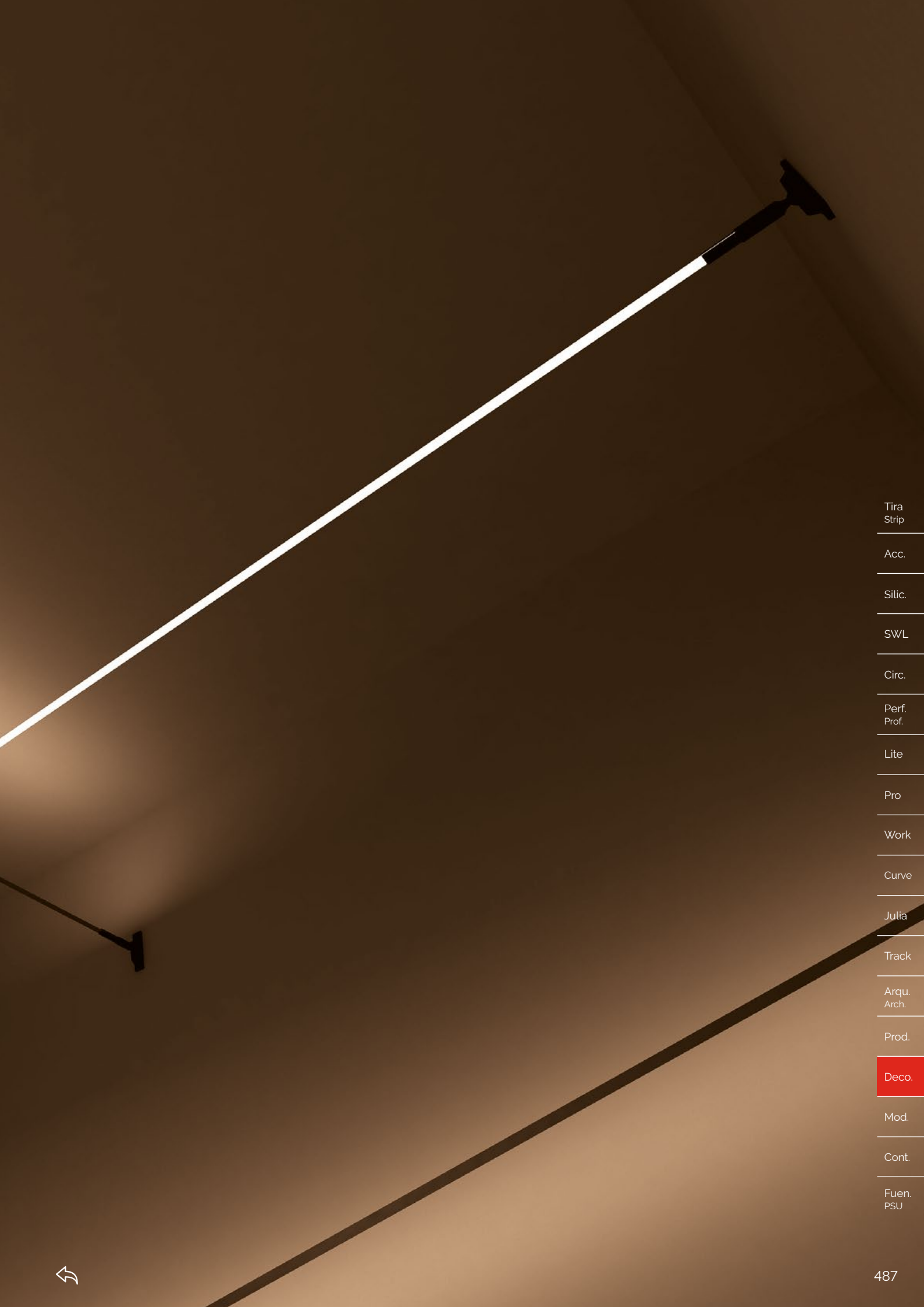


LSI TECSOLE

NOVEDAD / NEW

# SKYLINE





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

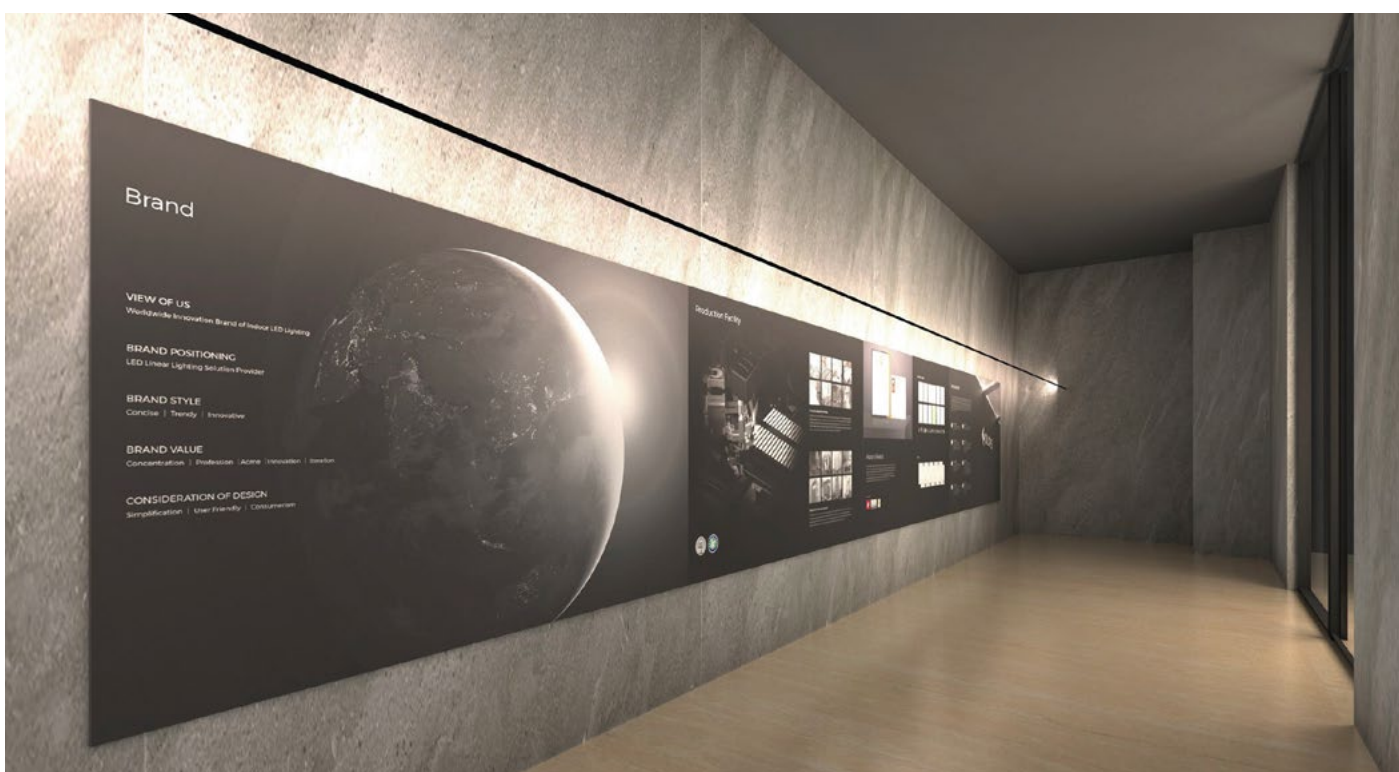






Skyline es llevar la línea a otro nivel, es puramente minimalista, es hacer un juego entre luces y sombras. Destaca por su ligera estructura y sencilla instalación que permite remarcar techos, iluminar espacios o aportar luz a zonas de exposición gracias a su alto CRI.

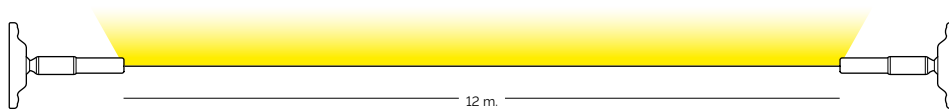
*Skyline is taking the line to a whole new level, it is a pure element of minimalism, a game of light and shadow. It stands out for its light structure and simple installation that allows you to highlight ceilings, brighten up spaces or provide light to exhibition areas because of its high CRI.*



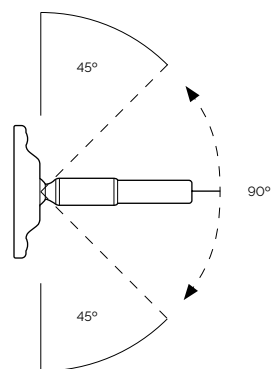
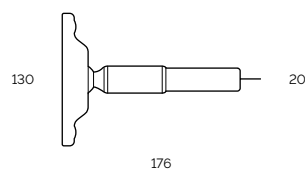
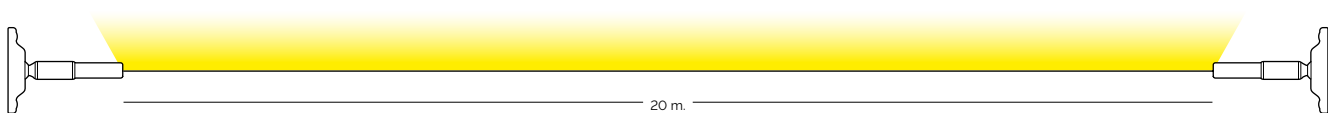
| Referencia<br>Code | Modelo<br>Model | Acabado<br>Finish | Tira led recomendada<br>Recommended led strip |
|--------------------|-----------------|-------------------|-----------------------------------------------|
| 10101021N          | Skyline 6 m.    | ● Negro   Black   | TSL WILD / TSL THER<br>(P. 82 / 46)           |
| 10101021B          | Skyline 6 m.    | ○ Blanco   White  |                                               |



| Referencia<br>Code | Modelo<br>Model | Acabado<br>Finish | Tira led recomendada<br>Recommended led strip |
|--------------------|-----------------|-------------------|-----------------------------------------------|
| 10101022N          | Skyline 12 m.   | ● Negro   Black   | TSL DRAC (P. 44)                              |
| 10101022B          | Skyline 12 m.   | ○ Blanco   White  |                                               |



| Referencia<br>Code | Modelo<br>Model | Acabado<br>Finish | Tira led recomendada<br>Recommended led strip |
|--------------------|-----------------|-------------------|-----------------------------------------------|
| 10101023N          | Skyline 20 m.   | ● Negro   Black   | TSL OWENS (P. 92)                             |
| 10101023B          | Skyline 20 m.   | ○ Blanco   White  |                                               |



|                |
|----------------|
| Tira<br>Strip  |
| Acc.           |
| Silic.         |
| SWL            |
| Circ.          |
| Perf.<br>Prof. |
| Lite           |
| Pro            |
| Work           |
| Curve          |
| Julia          |
| Track          |
| Arqu.<br>Arch. |
| Prod.          |
| Deco.          |
| Mod.           |
| Cont.          |
| Fuen.<br>PSU   |

# MÓ DU LOS

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## MODULES

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# BRAND

Los módulos led son piezas simples que tienen una serie de diodos led dispuestos de maneras diversas. Están unidos entre ellos mediante un tramo de cable, lo que los hace muy versátiles y provoca que puedan abarcar una superficie mayor que las tiras led.

Están pensados para realizar retroiluminaciones con difusores translúcidos y así ser utilizados para iluminar pantallas publicitarias, letras corpóreas, logos, etc.

*LED modules are simple parts with a set of LED diodes arranged in different ways. They are joined together by a section of cable, making them very versatile and enabling them to cover a larger surface than LED strips. They are conceived for backlighting with translucent diffusers in order to be used for illuminating billboards, 3D letters, logos, etc.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# GUÍA

## Sección Módulos

### Modules section guide

El orden ha sido establecido por usos y, dentro de este, por número de led de cada módulo.

The order of this section has been established by use, and within this category, by number of LEDs per module.

#### Características destacadas

#### Main features

Premium

### TSL MASS

| Ref.     | Mod.   | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm    | Min. H<br>cm |
|----------|--------|--------------|--------------|---------------|--------------|
| 02801011 | MASS 1 | 0.5          | 50           | 22x4x0.1      | 2.5          |
| 02801012 | MASS 2 | 1            | 100          | 50x18.5x0.1   | 4            |
| 02801013 | MASS 3 | 15           | 140          | 76x18.5x0.1   | 6            |
| 02801014 | MASS 4 | 2            | 190          | 42.2x42.2x0.1 | 7            |

#### Características eléctricas / Electrical Data

Tensión / Voltage  
Potencia / Power  
Regulación / Dimming

12 VDC  
2W@MASS 4  
PWM

#### Características ópticas / Photometric Data

CCT  
CRI  
Consistencia / Consistency  
Ángulo / Angle

6000K  
>70  
3 SDCM  
170°

#### Características técnicas / Technical Data

Tipo LED / LED Type  
Protección / Protection  
Serie máxima / Max. series  
Corte mínimo / Cutting unit  
T. almacenamiento / Storage T.  
T. ambiente / Ambient T.  
Fijación / Mounting  
Vida útil / Lifetime  
Garantía / Warranty

SMD2835  
IP67  
20 un  
1 mod  
-40°C -80°C  
-25°C -50°C  
Adhes. + tornillo/screw  
50Khr (L80/B10)  
3 años / years

#### Características generales

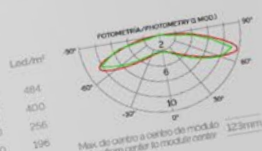
#### General features

#### ① Guía de colocación e iluminancia

#### Placement and illuminance guide

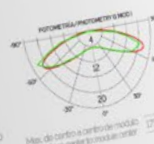
#### TSL MASS 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 25      | 45       | 45       | 6300 | 484    |
| 30      | 50       | 50       | 5100 | 400    |
| 35      | 60       | 60       | 3530 | 256    |
| 40      | 70       | 70       | 2600 | 196    |



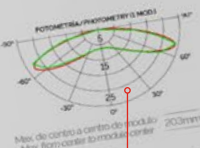
#### TSL MASS 2

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 40      | 70       | 70       | 5250 | 396    |
| 45      | 80       | 80       | 4000 | 344    |
| 50      | 90       | 90       | 3960 | 275    |
| 55      | 100      | 100      | 2560 | 200    |
| 60      | 110      | 110      | 2120 | 161    |



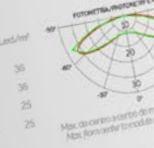
#### TSL MASS 3

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 60      | 110      | 110      | 3120 | 45     |
| 65      | 120      | 120      | 2630 | 40     |
| 70      | 130      | 130      | 2240 | 35     |
| 75      | 140      | 140      | 1920 | 28     |
| 80      | 150      | 150      | 1680 | 24     |



#### TSL MASS 4

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 70      | 130      | 130      | 3030 | 36     |
| 80      | 150      | 150      | 2280 | 28     |
| 90      | 170      | 170      | 1780 | 21     |
| 100     | 180      | 180      | 1580 | 19     |



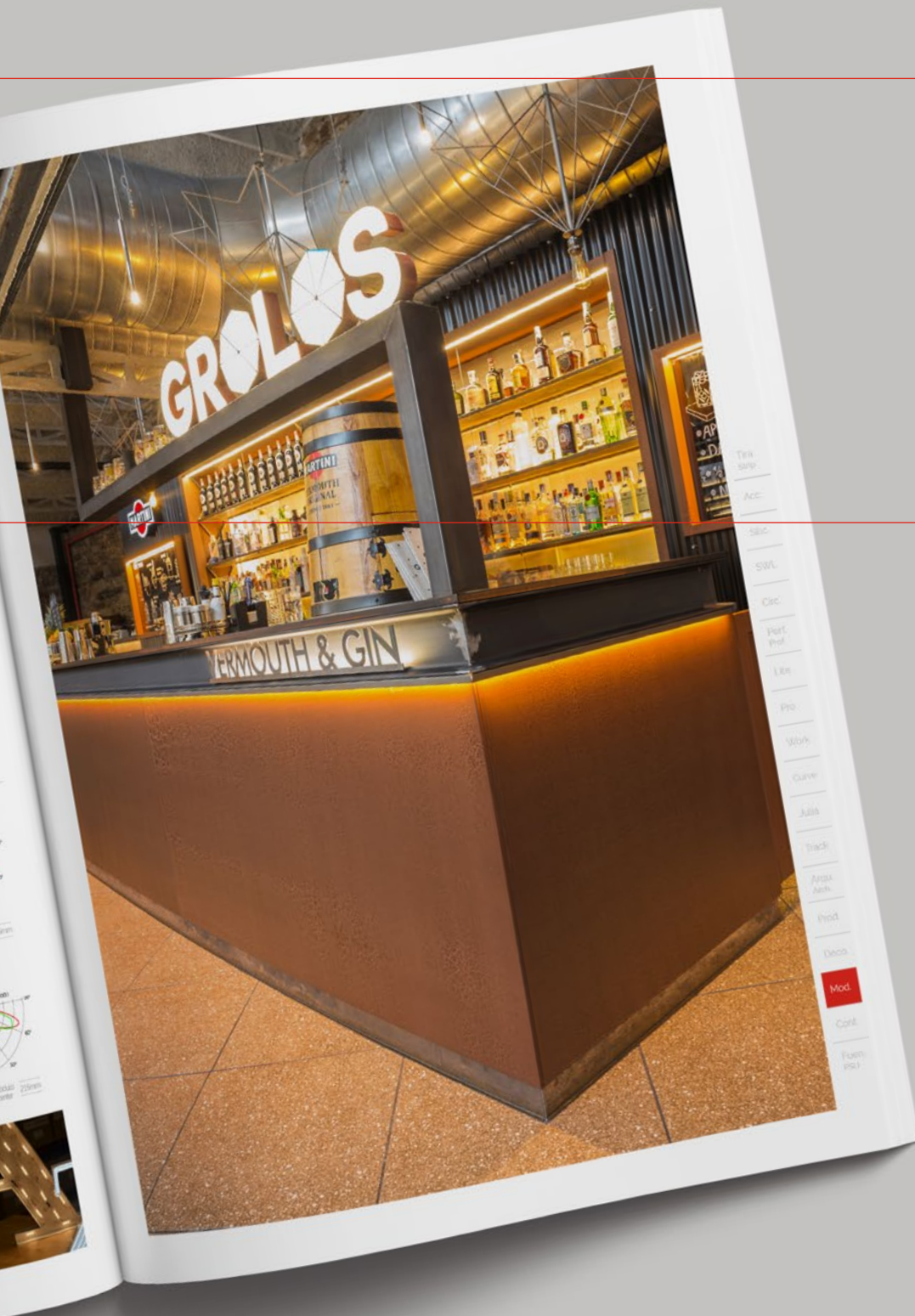
#### Guía de colocación

Relación entre la altura del rótulo, la separación y la cantidad mínima de módulos para obtener una correcta distribución luminica en una superficie de 1 m², tomando como referencia un difusor opal acrílico de 3 mm de espesor y transparencia del 50%.

#### Installation guide

Relationship between the height of the sign, the separation and the minimum number of modules required for obtaining a correct light distribution on a 1 m² surface, compared to a reference acrylic opal diffuser with a thickness of 3 mm and 50% transparency.





Rasgo diferenciador  
*Differentiating feature*

Características  
particulares de cada  
modelo de módulo  
*Particular features  
of each module model*

Iluminancia  
Curvas de distribución  
luminica de cada modelo  
de módulo.

*Illuminance*  
*Light distribution curve for  
each module model.*

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

| Ref.     | Mod.   | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm    | Min. H<br>cm |
|----------|--------|--------------|--------------|---------------|--------------|
| 02801001 | QUID 1 | 0,36         | 35           | 28,5x18,5x6,6 | 5            |
| 02801002 | QUID 2 | 0,72         | 75           | 47,8x18,5x6,6 | 8            |
| 02801003 | QUID 3 | 1,08         | 105          | 68,8x18,5x6,6 | 12           |
| 02801004 | QUID 4 | 1,44         | 140          | 37x37x6,6     | 15           |



## Características eléctricas / Electrical data

|                      |              |
|----------------------|--------------|
| Tensión / Voltage    | 12 VDC       |
| Potencia / Power     | 1,44W@QUID 4 |
| Regulación / Dimming | PWM          |

## Características ópticas / Photometric data

|                            |        |
|----------------------------|--------|
| CCT                        | 6000K  |
| CRI                        | >70    |
| Consistencia / Consistency | 3 SDCM |
| Ángulo / Angle             | 160°   |

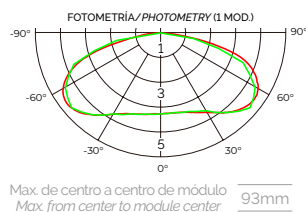
## Características técnicas / Technical data

|                                |                         |
|--------------------------------|-------------------------|
| Tipo LED / LED Type            | SMD2835                 |
| Protección / Protection        | IP65                    |
| Serie máxima / Max. series     | 20 un.                  |
| Corte mínimo / Cutting unit    | 1 mod.                  |
| T. almacenamiento / Storage T. | -40°C +80°C             |
| T. ambiente / Ambient T.       | -25°C +50°C             |
| Fijación / Mounting            | Adhes. + tornillo/screw |
| Vida útil / Lifetime           | 50Kh (L80/B10)          |
| Garantía / Warranty            | 3 años / years          |

## Guía de colocación e iluminancia Placement and illuminance guide

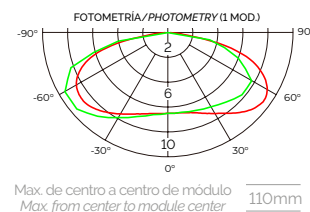
### TSL QUID 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 50      | 70       | 70       | 2275 | 196    |
| 55      | 80       | 80       | 1641 | 169    |
| 60      | 90       | 90       | 950  | 121    |
| 70      | 90       | 90       | 910  | 121    |
| 80      | 90       | 90       | 860  | 121    |



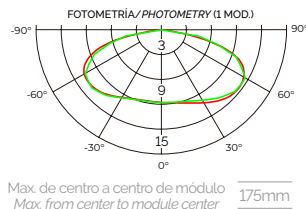
### TSL QUID 2

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 80      | 100      | 100      | 1950 | 100    |
| 100     | 110      | 110      | 1300 | 81     |
| 120     | 110      | 110      | 1210 | 81     |
| 135     | 110      | 110      | 1170 | 81     |
| 150     | 110      | 110      | 950  | 81     |



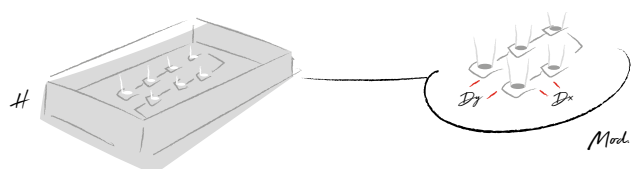
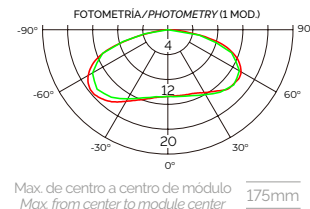
### TSL QUID 3

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 120     | 130      | 130      | 1680 | 49     |
| 150     | 150      | 150      | 1260 | 36     |
| 180     | 175      | 175      | 880  | 30     |
| 200     | 175      | 175      | 860  | 30     |
| 250     | 175      | 175      | 830  | 30     |



### TSL QUID 4

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 150     | 160      | 160      | 1480 | 36     |
| 180     | 175      | 175      | 1170 | 25     |
| 200     | 175      | 175      | 1050 | 25     |
| 250     | 175      | 175      | 1000 | 25     |
| 300     | 175      | 175      | 980  | 25     |





Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

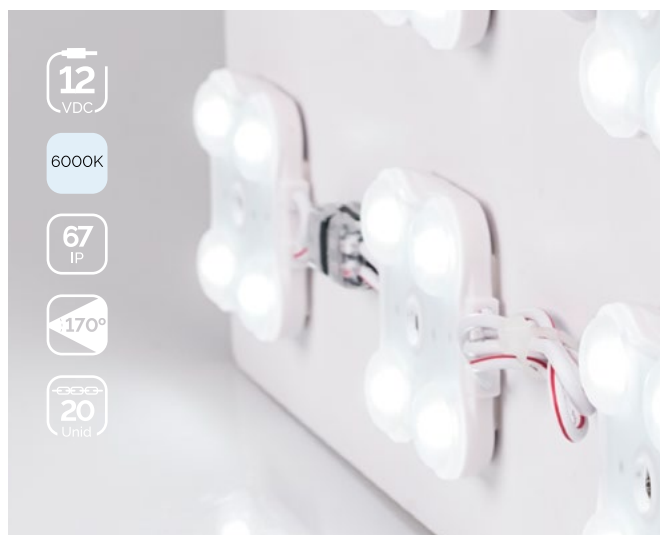
Mod.

Cont.

Fuen.  
PSU



| Ref.     | Mod.   | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm     | Min. H<br>cm |
|----------|--------|--------------|--------------|----------------|--------------|
| 02801011 | MASS 1 | 0,5          | 50           | 22x14x10,1     | 2,5          |
| 02801012 | MASS 2 | 1            | 100          | 50x18,5x10,1   | 4            |
| 02801013 | MASS 3 | 1,5          | 140          | 76x18,5x10,1   | 6            |
| 02801014 | MASS 4 | 2            | 190          | 42,2x42,2x10,1 | 7            |



## Características eléctricas / Electrical data

|                      |           |
|----------------------|-----------|
| Tensión / Voltage    | 12 VDC    |
| Potencia / Power     | 2W@MASS 4 |
| Regulación / Dimming | PWM       |

## Características ópticas / Photometric data

|                            |        |
|----------------------------|--------|
| CCT                        | 6000K  |
| CRI                        | >70    |
| Consistencia / Consistency | 3 SDCM |
| Ángulo / Angle             | 170°   |

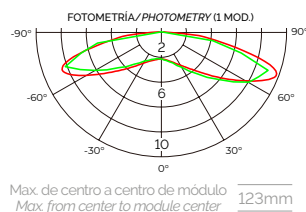
## Características técnicas / Technical data

|                                |                         |
|--------------------------------|-------------------------|
| Tipo LED / LED Type            | SMD2835                 |
| Protección / Protection        | IP67                    |
| Serie máxima / Max. series     | 20 un.                  |
| Corte mínimo / Cutting unit    | 1 mod.                  |
| T. almacenamiento / Storage T. | -40°C +80°C             |
| T. ambiente / Ambient T.       | -25°C +50°C             |
| Fijación / Mounting            | Adhes. + tornillo/screw |
| Vida útil / Lifetime           | 50Kh (L80/B10)          |
| Garantía / Warranty            | 3 años / years          |

## Guía de colocación e iluminancia Placement and illuminance guide

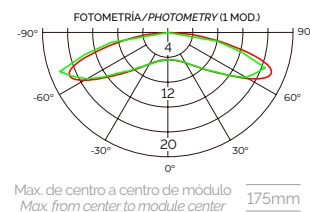
### TSL MASS 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 25      | 45       | 45       | 6300 | 484    |
| 30      | 50       | 50       | 5100 | 400    |
| 35      | 60       | 60       | 3530 | 256    |
| 40      | 70       | 70       | 2600 | 196    |



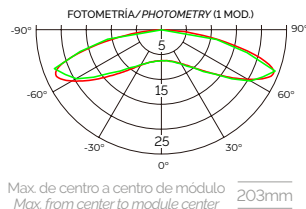
### TSL MASS 2

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 40      | 70       | 70       | 5250 | 196    |
| 45      | 80       | 80       | 4000 | 144    |
| 50      | 90       | 90       | 3160 | 121    |
| 55      | 100      | 100      | 2560 | 100    |
| 60      | 110      | 110      | 2120 | 81     |



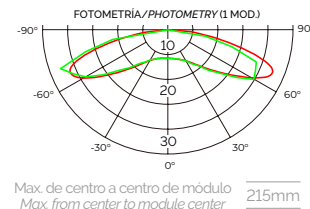
### TSL MASS 3

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 60      | 110      | 110      | 3120 | 45     |
| 65      | 120      | 120      | 2630 | 40     |
| 70      | 130      | 130      | 2240 | 40     |
| 75      | 140      | 140      | 1920 | 35     |
| 80      | 150      | 150      | 1680 | 28     |



### TSL MASS 4

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 70      | 130      | 130      | 3030 | 36     |
| 80      | 150      | 150      | 2280 | 36     |
| 90      | 170      | 170      | 1780 | 25     |
| 100     | 180      | 180      | 1580 | 25     |







157 TECSOLE

Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU











| Ref.     | Mod.   | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm   | Min. H<br>cm |
|----------|--------|--------------|--------------|--------------|--------------|
| 02801021 | ARGO 1 | 1,4          | 130          | 45x25,4x11,8 | 10           |
| 02801031 | ARGO 2 | 2,8          | 240          | 72x34x18,1   | 18           |



## Características eléctricas / Electrical data

|                      |             |
|----------------------|-------------|
| Tensión / Voltage    | 12 VDC      |
| Potencia / Power     | 2,8W@ARGO 2 |
| Regulación / Dimming | PWM         |

## Características ópticas / Photometric data

|                            |                 |
|----------------------------|-----------------|
| CCT                        | 6000K           |
| CRI                        | >70             |
| Consistencia / Consistency | 3 SDCM          |
| Ángulo / Angle             | 18X50° / 12X56° |

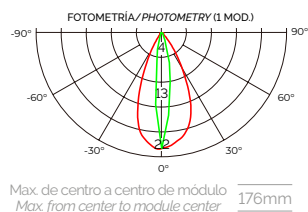
## Características técnicas / Technical data

|                                |                         |
|--------------------------------|-------------------------|
| Tipo LED / LED Type            | SMD2835                 |
| Protección / Protection        | IP66                    |
| Serie máxima / Max. series     | 20 un.                  |
| Corte mínimo / Cutting unit    | 1 mod.                  |
| T. almacenamiento / Storage T. | -40°C +80°C             |
| T. ambiente / Ambient T.       | -25°C +50°C             |
| Fijación / Mounting            | Adhes. + tornillo/screw |
| Vida útil / Lifetime           | 30/50Kh (L80/B10)       |
| Garantía / Warranty            | 3 años / years          |

## Guía de colocación e iluminancia Placement and illuminance guide

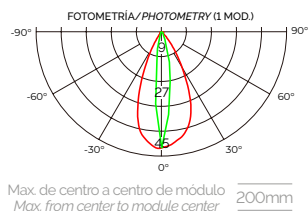
### TSL ARGO 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 100     | 80       | 80       | 1890 | 100    |
| 130     | 80       | 80       | 1890 | 100    |
| 140     | 100      | 100      | 1220 | 64     |
| 170     | 100      | 100      | 1220 | 64     |



### TSL ARGO 2

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 180     | 140      | 140      | 1810 | 49     |
| 200     | 140      | 140      | 1810 | 49     |
| 250     | 180      | 180      | 1170 | 36     |
| 300     | 180      | 180      | 1170 | 36     |



| Ref.     | Mod.   | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm  | Min. H<br>cm |
|----------|--------|--------------|--------------|-------------|--------------|
| 02801043 | ISON 1 | 0,72         | 85           | 43x10,5x9,4 | 10           |



Características eléctricas / Electrical data

|                      |              |
|----------------------|--------------|
| Tensión / Voltage    | 12 VDC       |
| Potencia / Power     | 0,72W@ISON 3 |
| Regulación / Dimming | PWM          |

Características ópticas / Photometric data

|                            |        |
|----------------------------|--------|
| CCT                        | 6000K  |
| CRI                        | >70    |
| Consistencia / Consistency | 3 SDCM |
| Ángulo / Angle             | 170°   |

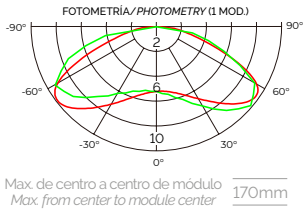
Características técnicas / Technical data

|                                |                         |
|--------------------------------|-------------------------|
| Tipo LED / LED Type            | SMD2835                 |
| Protección / Protection        | IP68                    |
| Serie máxima / Max. series     | 50 un.                  |
| Corte mínimo / Cutting unit    | 1 mod.                  |
| T. almacenamiento / Storage T. | -40°C +80°C             |
| T. ambiente / Ambient T.       | -25°C +50°C             |
| Fijación / Mounting            | Adhes. + tornillo/screw |
| Vida útil / Lifetime           | 50Kh (L80/B10)          |
| Garantía / Warranty            | 3 años / years          |

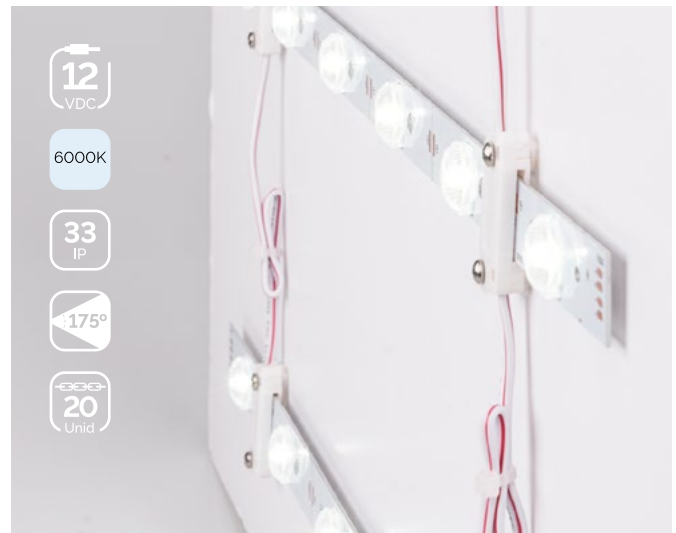
Guía de colocación e iluminancia  
Placement and illuminance guide

TSL ISON 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 100     | 120      | 120      | 2250 | 64     |
| 120     | 150      | 150      | 1440 | 42     |
| 150     | 170      | 170      | 1000 | 36     |
| 180     | 170      | 170      | 910  | 36     |
| 200     | 170      | 170      | 860  | 36     |



| Ref.     | Mod.   | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm | Min. H<br>cm |
|----------|--------|--------------|--------------|------------|--------------|
| 20010006 | RHAE 1 | 7,2          | 792          | 500x18x9   | 5            |



## Características eléctricas / Electrical data

|                      |             |
|----------------------|-------------|
| Tensión / Voltage    | 12 VDC      |
| Potencia / Power     | 7,2W@RHAE 1 |
| Regulación / Dimming | PWM         |

## Características ópticas / Photometric data

|                            |        |
|----------------------------|--------|
| CCT                        | 6000K  |
| CRI                        | >70    |
| Consistencia / Consistency | 3 SDCM |
| Ángulo / Angle             | 175°   |

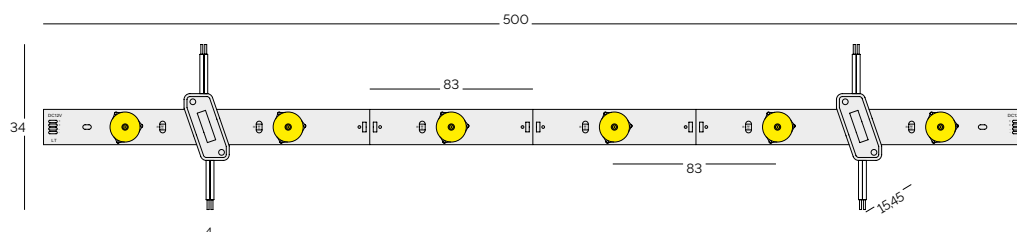
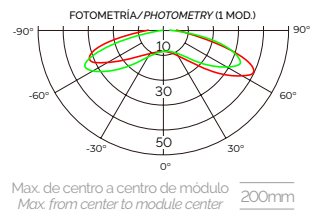
## Características técnicas / Technical data

|                                |                  |
|--------------------------------|------------------|
| Tipo LED / LED Type            | SMD2835          |
| Protección / Protection        | IP33             |
| Serie máxima / Max. series     | 20 un.           |
| Corte mínimo / Cutting unit    | 83 mm            |
| T. almacenamiento / Storage T. | -40°C +80°C      |
| T. ambiente / Ambient T.       | -25°C +50°C      |
| Fijación / Mounting            | Tornillo / Screw |
| Vida útil / Lifetime           | 30Kh (L80/B10)   |
| Garantía / Warranty            | 3 años / years   |

## Guía de colocación e iluminancia Placement and illuminance guide

### TSL RHAE 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 50      | 0        | 130      | 1810 | 12     |
| 60      | 0        | 150      | 1810 | 10     |
| 70      | 0        | 170      | 1170 | 8      |
| 80      | 0        | 180      | 1170 | 6      |

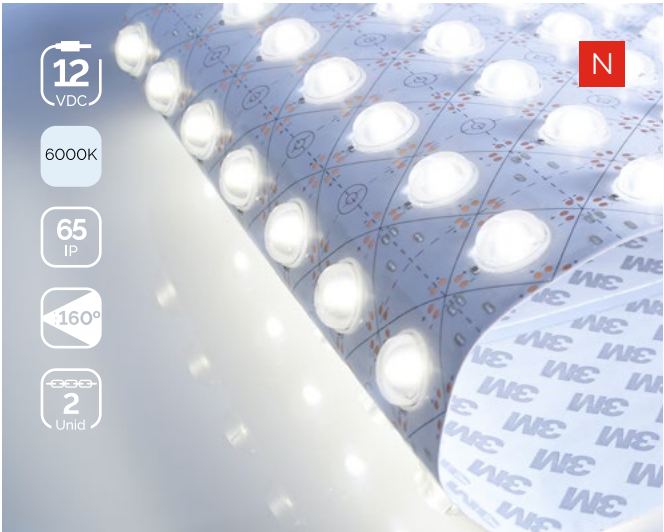




TSL SHEET

Lámina flexible, corte libre / Flexible sheet, free-cut

| Ref.     | Mod.    | Cons.<br>w/u | Lum.<br>lm/u | Dim.<br>mm  | Min. H<br>cm |
|----------|---------|--------------|--------------|-------------|--------------|
| 02730001 | SHEET 1 | 32           | 3480         | 503.5x235x9 | 5            |



Características eléctricas / Electrical data

|                      |             |
|----------------------|-------------|
| Tensión / Voltage    | 12 VDC      |
| Potencia / Power     | 32W@SHEET 1 |
| Regulación / Dimming | PWM         |

Características ópticas / Photometric data

|                            |        |
|----------------------------|--------|
| CCT                        | 6000K  |
| CRI                        | >80    |
| Consistencia / Consistency | 3 SDCM |
| Ángulo / Angle             | 160°   |

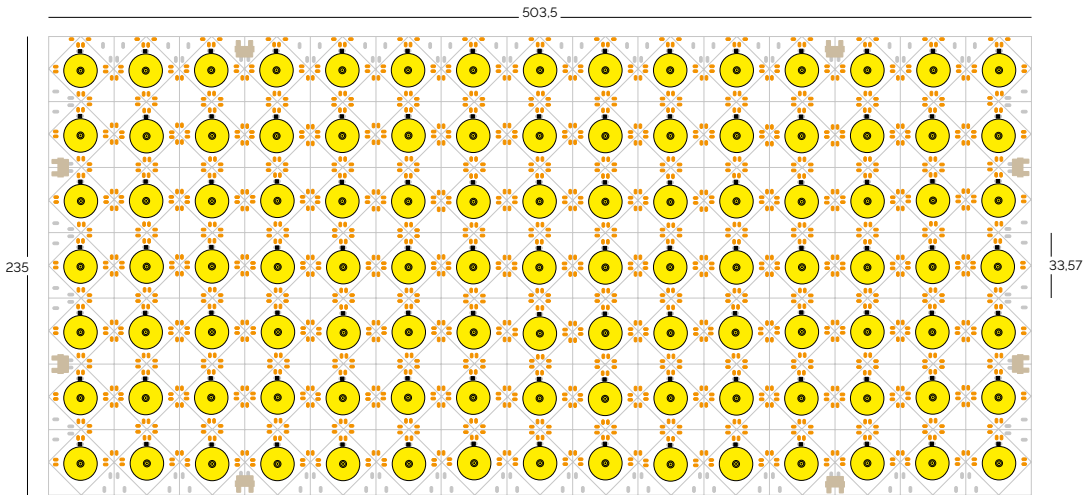
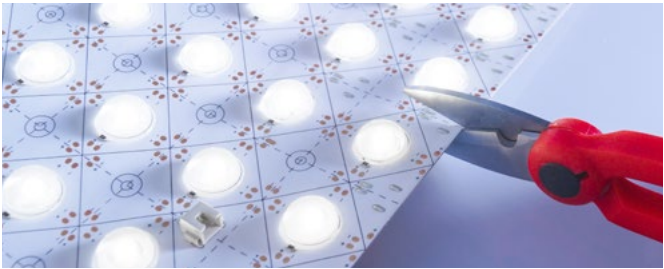
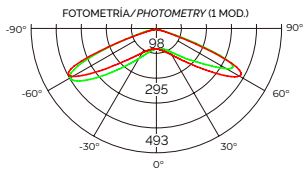
Características técnicas / Technical data

|                                |                     |
|--------------------------------|---------------------|
| Tipo LED / LED Type            | SMD2835             |
| Protección / Protection        | IP65                |
| Serie máxima / Max. series     | 2 un.               |
| Corte mínimo / Cutting unit    | 33,57 mm            |
| T. almacenamiento / Storage T. | -40°C +80°C         |
| T. ambiente / Ambient T.       | -25°C +50°C         |
| Fijación / Mounting            | Adhesivo / Adhesive |
| Vida útil / Lifetime           | 30Kh (L80/B10)      |
| Garantía / Warranty            | 3 años / years      |

Guía de colocación e iluminancia  
Placement and illuminance guide

TSL SHEET 1

| H<br>mm | Dx<br>mm | Dy<br>mm | LUX  | Led/m² |
|---------|----------|----------|------|--------|
| 50      | 0        | 0        | 4544 | 8      |
| 60      | 0        | 0        | 4544 | 8      |
| 70      | 0        | 0        | 2937 | 8      |
| 80      | 0        | 0        | 2937 | 8      |



Tira  
Strip

Acc.

Silic.

SWL

Circ.

Perf.  
Prof.

Lite

Pro

Work

Curve

Julia

Track

Arqu.  
Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU



# CONTROL



Con los sistemas de control que se encuentran en este catálogo se consiguen innovadoras soluciones de iluminación a medida, en las que una máxima eficiencia energética y funcionalidad se asocian en todas las aplicaciones necesarias. La apuesta por las redes inalámbricas nos sitúa en la vanguardia del control lumínico desde hace más de 5 años y los avances más recientes hacen que la comunicación global esté cada vez más cerca gracias al internet de las cosas (IoT).

*The control systems offered in this catalogue allow for the creation of innovative tailored lighting solutions where maximum energy efficiency and functionality combine for all necessary applications. Our commitment to the development of wireless networks has kept us at the vanguard of lighting control for over 5 years, and the latest advances bring global communication closer and closer thanks to the internet of Pro things (IoT).*

Tira  
Strip

Acc.

Silic.

SWL

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Perf.  
Prof.

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Arch.

Prod.

Deco.

Mod.

Cont.

Fuen.  
PSU

# TSL Zigbee

Domótica usuario / User home automation

ZigBee LightLink, una tecnología de baja potencia, segura y fiable para controlar iluminación.

Se trata de un sistema de iluminación inalámbrico personal, diseñado para la vida real, que combina las ventajas de la iluminación led con la tecnología más intuitiva. Estos controles inteligentes cambiarán nuestra manera de controlar y experimentar la luz.

Continuamente se añaden nuevas características y mejoras al sistema para hacerlo aún más útil. Las actualizaciones de software y firmware pueden hacerse de manera inalámbrica y directa en las luminarias.

*Zigbee LightLink, a low power, safe and reliable technology for light control.*

*This is a personal wireless lighting system, designed for everyday life, which combines the advantages of LED lighting with the most intuitive technology. These smart controllers will change the way we control and experience light.*

*New features and improvements are continually being added to the system to make it even more useful. Software and firmware updates to lamps can be done directly through the wireless network.*

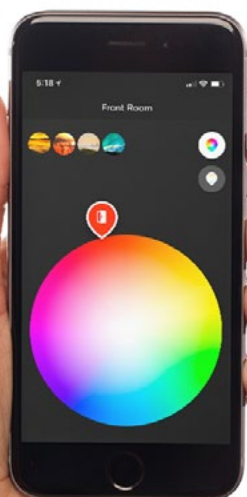


“Ok Google...  
luz cálida

*Ok Google... warm light*

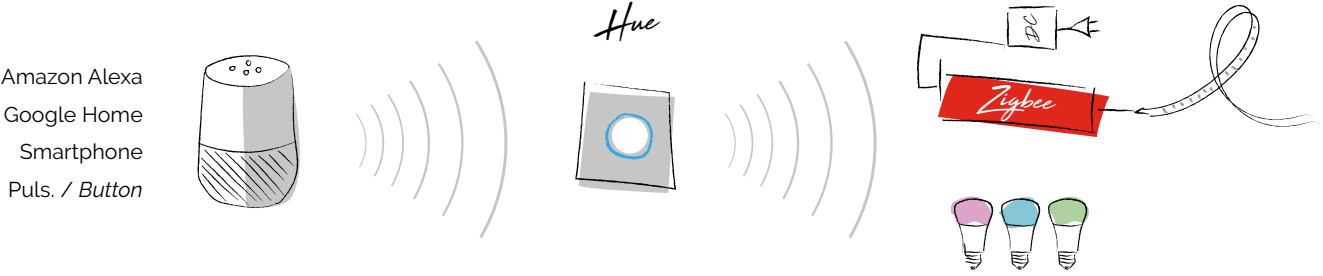


- Organización de luminarias por habitación.  
*Organization of luminaires per room.*
- Regulación o color de luminarias independientemente.  
*Dimming or change colour of luminaires independently.*
- Control RGB, Monocolor o CCT.  
*RGB, single colour or CCT control.*
- Ajuste de iluminación adecuado para la vida diaria.  
*Lighting setting suitable for daily life.*
- Transformación de habitaciones a través de las escenas.  
*Transformation of the rooms through the scenes.*
- Extrae colores de una fotografía para crear una escena.  
*Extract the colours of a photo to create a scene.*
- Rutinas de sueño personalizada para despertarse y acostarse.  
*Customized sleep routines to wake up and go to bed.*
- Control lúminico desde fuera de tu hogar.  
*Luminic control from outside the house.*
- Encendido/apagado al entrar y salir por ubicación GPS.  
*On/off while entering or leaving home through GPS location.*
- Encendido/apagado según el atardecer y el amanecer.  
*On/off according to the sunset and sunrise.*
- Configuración de temporizadores.  
*Timer Settings.*
- Control por voz con smartphone o altavoces inteligentes.  
*Voice control through smartphone or smart speakers.*



El puente es el corazón del sistema ZigBee, que conecta tu dispositivo inteligente a los receptores. Puedes añadir hasta 50 receptores y accesorios a un puente. Con el enlace Wi-Fi a través del router, también conecta el sistema con el mundo exterior, para poder controlarlo desde fuera de casa.

The bridge is the heart of the Zigbee system, connecting your smart device to the receivers. You can add up to 50 receivers and accessories to a bridge. Using the Wi-Fi link through the router, it also connects the system to the outside world, in order to be able to control it even if you are not in the house.



Emisores  
Emitters

| Referencia<br>Code | Modelo<br>Model  | Tensión<br>Voltage | Zonas<br>Areas | Control<br>Control | Dimensiones<br>Dimensions |
|--------------------|------------------|--------------------|----------------|--------------------|---------------------------|
| 09410263           | TSL-ZG9101SAC-HP | 230 VAC            | 1              | Mono               | 45,5 x 45 x 20,3 mm 01    |

Receptores  
Receivers

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410151           | TSL-9101FA-DIM  | 12-24 VDC          | 5A x 4C               | 240-480 W         | 170 x 53,4 x 28 mm 02     |
| 09410152           | TSL-9101FA-CCT  | 12-24 VDC          | 5A x 4C               | 240-480 W         | 170 x 53,4 x 28 mm 03     |
| 09410153           | TSL-9101FA-RGBW | 12-24 VDC          | 5A x 4C               | 240-480 W         | 170 x 53,4 x 28 mm 04     |

Tira  
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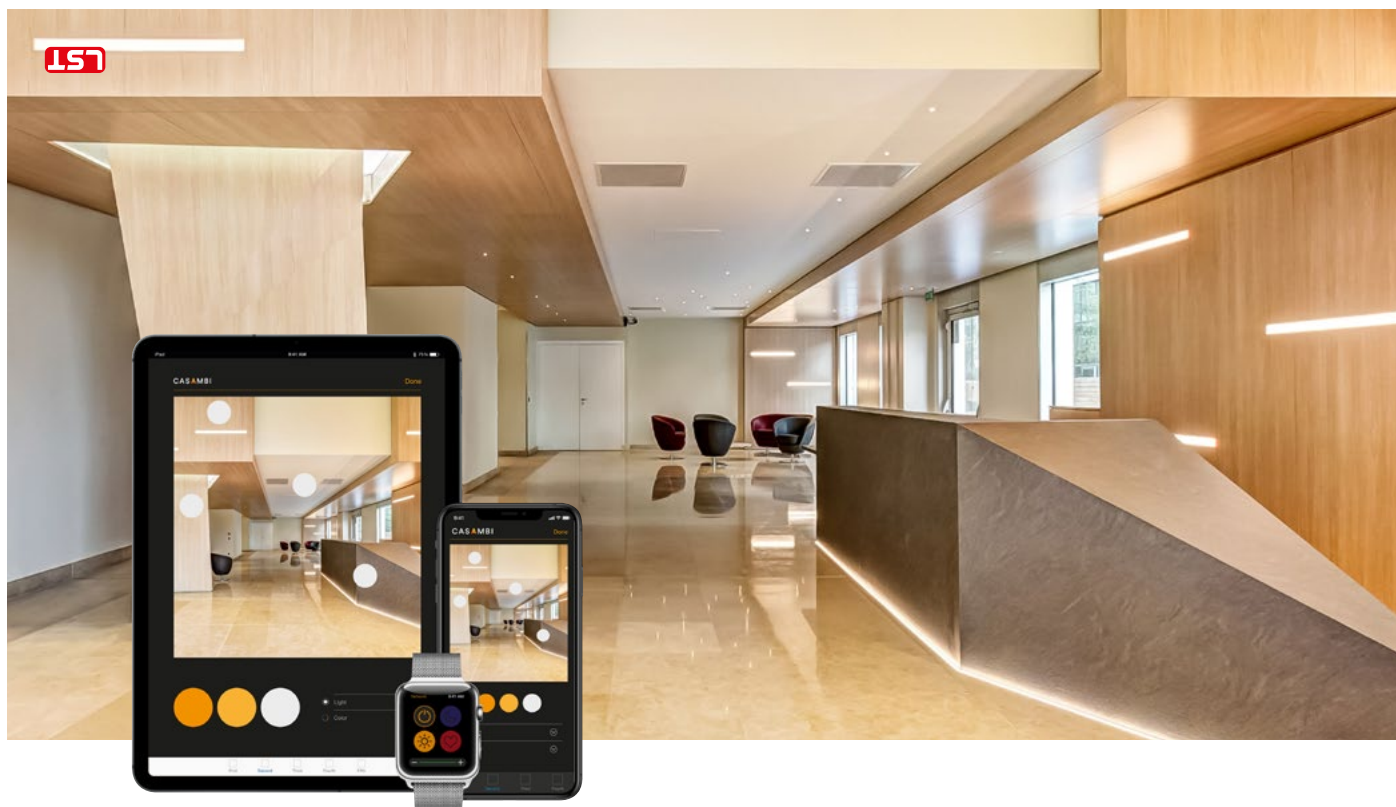
Deco.

Mod.

Cont.

Fuen.  
PSU





## TSL Casambi

### Domótica profesional / Professional home

Casambi es una tecnología basada en los protocolos Bluetooth de baja potencia (BLE), ya presente en todos los dispositivos como smartphones, tablets y smartwatches. La conexión Bluetooth se realiza a través de una malla donde todos los puntos emiten y reciben información evitando que un fallo en un dispositivo afecte al resto de la comunicación.

Los dispositivos Casambi son inteligentes por sí mismos, tan sólo es necesario que se conecten a internet en la configuración inicial y las actualizaciones. Durante el resto del funcionamiento permanecen inactivos ahorrando energía hasta recibir algún tipo de orden.

La aplicación Casambi está hecha por expertos en interfaz de usuario y cualquier persona, independientemente de su competencia técnica, puede usarla.

*Casambi is a technology based on Bluetooth low energy (BLE) protocols, already found in all devices such as smartphones, tablets and smartwatches. The Bluetooth connection is through a mesh where all points emit and receive data, thus preventing a failure in a device from affecting the other communications.*

*Casambi devices are smart themselves. They only need to connect to the internet for initial configuration and updates. They remain inactive for the rest of operation time, saving energy until a command is received.*

*The Casambi application has been made by experts on user interfaces and anyone can use it regardless of their technical skills level.*

• Hospitales / Hospitals

• Museos / Museums

• Oficinas / Offices

• Retail

• Residencial / Residential

• Bienestar / Well-being



Grupos  
Grouping



Escenas  
Scenes



Animaciones  
Animations



Amanecer/atardecer  
Sunrise & sunset



Sensor luz solar  
Daylight sensor



Sensor presencia  
Occupancy sensor



Color  
Light colour



CCT



Programable  
Calendar & timer



Escalable  
Scalability



## Emisores Emitters

| Referencia<br>Code | Modelo<br>Model     | Tensión<br>Voltage | Zonas<br>Areas | Control<br>Control | Dimensiones<br>Dimensions | Tira<br>Strip |
|--------------------|---------------------|--------------------|----------------|--------------------|---------------------------|---------------|
| 09410220           | XPRESS WHITE        | 3VDC (CR2430)      | 4              | Bluetooth          | 90 x 90 x 12 mm 01        | Acc.          |
| 09410221           | XPRESS BLACK        | 3VDC (CR2430)      | 4              | Bluetooth          | 90 x 90 x 12 mm 02        | Silic.        |
| 09410308           | LIGA.AIR.TAST.4.240 | 100-240 VAC        | 4              | PUSH + Bluetooth   | 40 x 40 x 20 mm 03 N      | SWL           |

## Sensor presencia e iluminancia Occupancy Detector & Photocell

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Montaje<br>Mount      | Control<br>Control | Dimensiones<br>Dimensions | Circ.       |
|--------------------|-----------------|--------------------|-----------------------|--------------------|---------------------------|-------------|
| 09410309           | CBU-CESR        | 100-240 VAC        | Superficie / Surface  | Bluetooth          | 91 x 91 x 45 mm 04 N      | Perf. Prof. |
| 09410273           | CBU-CEFL        | 100-240 VAC        | Empotrable / Recessed | Bluetooth          | 79 x 85 x 85 mm 05 N      | Lite        |

## Convertidores Converters

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Zonas<br>Areas | Control<br>Control | Dimensiones<br>Dimensions | Curve |
|--------------------|-----------------|--------------------|----------------|--------------------|---------------------------|-------|
| 09410162           | CBU-ASD         | 220-240 VAC        | 1              | 0/1-10V, DALI      | 56,5 x 35,8 x 22,3 mm 06  | Julia |
| 09410261           | CBU-TED         | 85-240 VAC         | 1              | TRIAC              | 40,4 x 36,3 x 14 mm 07 N  | Track |

## Receptores Receivers

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions | Arqu. Arch. |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|-------------|
| 09410165           | DLC1224-1CV     | 12-24 VDC          | 10A x 1C              | 120-240 W         | 45 x 58 x 19 mm 08        | Prod.       |
| 09410163           | CBU-PWM4        | 12-24 VDC          | 6A/4C                 | 72x144 W          | 72,6 x 30 x 18 mm 09      | Deco.       |
| 09410164           | DLX1224-4CV     | 12-24 VDC          | 5A x 4C*<br>(max.10A) | 240-480 W         | 88 x 54 x 25 mm 10        | Mod.        |

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PSU



# TSL 1009 Family

Perfect System - RGBW / CCT

Destinada al control RGBW y CCT, controles de colores y de cambios de temperatura de color. Está formada por emisores sencillos donde podemos cambiar la intensidad y el color y otros más complejos con cambios automáticos y memoria de escenas. Los mecanismos pueden ser táctiles, de rueda o mandos a distancia.

*Designed for RGBW and CCT control, colour controls and colour temperature change controls. It consists of simple emitters, and you can change the intensity, colour and other more complex aspects with automatic changes and scene memory. Mechanisms can use touch, a wheel or a remote, and the entire family is compatible with WiFi systems.*



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## Emisores Emitters

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage   | Zonas<br>Areas | Control<br>Control | Dimensiones<br>Dimensions |
|--------------------|-----------------|----------------------|----------------|--------------------|---------------------------|
| 09410112           | TSL-2836CCT     | 3 VDC (CR2032)       | 1              | CCT                | 86 x 86 x 41,6 mm 03      |
| 09410113           | TSL-2835CDW     | 3 VDC (CR2430)       | 1              | CCT                | 86 x 86 x 27 mm 02        |
| 09410114           | TSL-2830B       | 100-240 VAC          | 4              | CCT                | 86 x 86 x 29,1 mm 04      |
| 09410115           | TSL-2819CCT     | 4,5 VDC (3xAAA)      | 6              | CCT                | 140 x 48 x 17 mm 15       |
| 09410147           | TSL-2855-CCT    | 3 VDC (CR2032)       | 1              | CCT                | 55 x 55 x 10,6 mm 07      |
| 09410079           | TSL-2836RGB     | 3 VDC (CR2032)       | 1              | RGB                | 86 x 86 x 40 mm 01        |
| 09410108           | TSL-2836DRGB    | 3 VDC (CR2032)       | 1              | RGB                | 86 x 65 x 74 mm 11        |
| 09410109           | TSL-2835RGB     | 3 VDC (CR2430)       | 1              | RGB                | 86 x 86 x 27 mm 02        |
| 09410081           | TSL-2830RGB     | 100-240 VAC          | 4              | RGB                | 86 x 86 x 29,1 mm 09      |
| 09410110           | TSL-2833RGBW    | 3 VDC (CR2430)       | 1              | RGBW               | 86 x 86 x 13,1 mm 05      |
| 09410069           | TSL-2820AC      | 100-240 VAC          | 4              | RGBW               | 86 x 86 x 29,1 mm 08      |
| 09410102           | TSL-2831AC      | 100-240 VAC          | 4              | RGBW               | 86 x 86 x 29,1 mm 10      |
| 09410106           | TSL-2839WK      | 3 VDC (CR2032)       | 1              | RGBW               | 136,5 x 40 x 11,5 mm 12   |
| 09410125           | TSL-2819S       | 4,5 VDC (3xAAA)      | 4              | RGBW               | 120 x 55 x 17 mm 16       |
| 09410111           | TSL-2858Z4      | 4,5 VDC (3xAAA)      | 4              | RGBW               | 152,67 x 51,87 x 19 mm 14 |
| 09410105           | TSL-2818        | 3,6 VDC (Bat. Litio) | 8              | RGBW               | 115,4 x 58,8 x 12 mm 13   |
| 09410146           | TSL-2855-RGBW   | 3 VDC (CR2032)       | 1              | RGBW               | 55 x 55 x 10,6 mm 06      |

## Receptores Receivers

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410070           | TSL-1009FA      | 12-24 VDC          | 5A x 4C               | 240-480 W         | 178,9 x 45,5 x 18,6 mm 17 |
| 09410082           | TSL-1009EA      | 12-24 VDC          | 8A x 4C               | 384-768 W         | 145 x 46 x 16 mm 18       |
| 09410070DIN        | TSL-1009DIN     | 12-24 VDC          | 5A x 4C               | 240-480 W         | 53 x 65 x 98 mm 19        |
| 09410097           | TSL-1009FA(WP)  | 12-24 VDC          | 5A x 4C               | 240-480 W         | 180,5 x 73,6 x 38 mm 20   |



Los elementos de la familia TSL 1009 son totalmente combinables entre si y de forma exclusiva, no se pueden asociar a elementos de otras familias.

*The elements of the TSL 1009 family can be fully combined with each other but exclusively, they cannot be combined with elements from other families.*



Tira  
Strip

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PSU

# TSL 2501 Family

Easy System - Mono

Una amplia gama de controladores monocolor que combina receptores con emisores empotrables, de superficie y mandos a distancia. Esta familia permite el control de luminarias desde varios puntos o desde un mismo emisor hasta varias luminarias.

Combinable con pulsadores de cualquier marca y modelo.

*A wide range of single colour controllers that combines receivers with built-in, surface and remote control emitters. This family allows for lights to be controlled from different points or from a single emitter towards several lights.*

It can be combined with any brand or model of push-buttons.



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## Emisores Emitters

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Zonas<br>Areas | Control<br>Control | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|----------------|--------------------|---------------------------|
| 09410062           | TSL-2805R       | 3 VDC (CR2032)     | 1              | Mono               | 86 x 86 x 40 mm 04        |
| 09410117           | TSL-2805T1      | 110-240 VAC        | 2              | Mono               | 86 x 86 x 13,8 mm 02      |
| 09410118           | TSL-2805T2      | 110-240 VAC        | 4              | Mono               | 86 x 86 x 13,8 mm 01      |
| 09410073           | TSL-2805D       | 3 VDC (CR2032)     | 1              | Mono               | 96 x 65 x 74 mm 07        |
| 09410083           | TSL-2801K1      | 3 VDC (CR2430)     | 1              | Mono               | 86 x 86 x 13,8 mm 05      |
| 09410084           | TSL-2801K2      | 3 VDC (CR2430)     | 2              | Mono               | 86 x 86 x 13,8 mm 06      |
| 09410116           | TSL-2805ST      | 3 VDC (CR2430)     | 1              | Mono               | 86 x 86 x 27 mm 03        |
| 09410085           | TSL-2828        | 6 VDC (2xCR2025)   | 1              | Mono               | 141 x 35 x 8,5 mm 10      |
| 09410074           | TSL-2801F       | 3 VDC (CR2025)     | 4              | Mono               | 136,5 x 40 x 11,5 mm 11   |
| 09410107           | TSL-2802        | 3 VDC (CR2025)     | 10             | Mono               | 136,5 x 40 x 11,5 mm 09   |
| 09410119           | TSL-2807N       | 3 VDC (CR2025)     | 1              | Mono               | Ø 38,5mm x 15 mm 08       |

## Receptores Receivers

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410065           | TSL-2501NS      | 12-24 VDC          | 8A x 1C               | 96-192 W          | 95 x 37 x 20 mm 14        |
| 09410065DIN        | TSL-2501DIN     | 12-24 VDC          | 5A x 4C               | 240-480 W         | 53 x 110 x 65 mm 13       |
| 09410096           | TSL-2501N(WP)   | 12-24 VDC          | 5A x 4C               | 240-480 W         | 180,5 x 73,6 x 38 mm 12   |
| 09410307           | TSL-2501AC      | 100-240 VAC        | 1,2A x 2C             | 2x(120-288)W      | 59 x 170 x 29 mm 15       |



Los elementos de la familia TSL 2501 son totalmente combinables entre sí y de forma exclusiva, no se pueden asociar a elementos de otras familias.

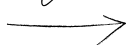
The elements of the TSL 2501 family can be fully combined with each other but exclusively, they cannot be combined with elements from other families.



Emi.



Control



Receptores



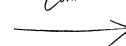
Receivers



Lead



Control



7 Emi.

# TSL DMX Family

El protocolo de control universal DMX es un sistema de iluminación diseñado para el manejo de espectáculos luminicos. Los productos TSL están diseñados pensando en el instalador al incorporar conectores informáticos de rápido montaje. El sistema DMX proporciona una solución profesional a la necesidad de controlar grandes instalaciones dinámicas como espectáculos, espacios deportivos, monumentos o grandes edificaciones.

## Iluminación de espectáculos / Performance lighting

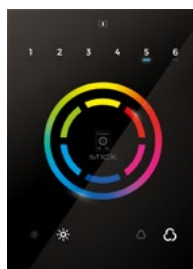
*The universal DMX control protocol is a lighting system designed for managing light-based performances. TSL products are installer-friendly in their design, since they incorporate easy-to-assemble IT connectors. The DMX system provides a professional solution for the need to control large dynamic installations such as those used for performances, sports venues, monuments or large buildings.*



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Programador  
Programmer

| Referencia<br>Code | Modelo<br>Model | Canales<br>Channels | Zonas<br>Areas | Control<br>Control              | Dimensiones<br>Dimensions |
|--------------------|-----------------|---------------------|----------------|---------------------------------|---------------------------|
| 09200045           | SLESA U9        | 256                 | 1              | USB, Standalone, RDM            | 79 x 92 x 43 mm 01        |
| 09200051           | SLESA U10       | 512                 | 1              | USB, WIFI, Standalone, APP      | 79 x 92 x 43 mm 02        |
| 09410276           | SLESA U11       | 1024                | 5              | USB, Standalone, LAN, RDM       | 160 x 90 x 45 mm 09 N     |
| 09200047           | STICK GU2       | 128                 | 1              | USB, Standalone                 | 86 x 86 x 11 mm 05        |
| 09410302           | STICK-CW4       | 1024                | 1              | USB, WIFI, Standalone, APP, RDM | 106 x 146 x 10 mm 03 N    |
| 09410303           | STICK-KE2       | 1024                | 5              | USB, LAN, Standalone, APP       | 106 x 146 x 10 mm 04 N    |
| 09410324           | DINA-DR1-LITE   | 1024 +              | 20             | USB, LAN, Standalone, APP, RDM  | 160 x 91 x 62 mm 10 N     |

Accesorios  
Accessories

| Referencia<br>Code | Modelo<br>Model         | Tensión<br>Voltage | Canales<br>Channels | Control<br>Control | Dimensiones<br>Dimensions  |
|--------------------|-------------------------|--------------------|---------------------|--------------------|----------------------------|
| 09410304           | TSL-2100ArtNet-DMX      | 12-24 VDC          | 4x512               | ArtNet             | 148,5 x 100 x 25,5 mm 11 N |
| 09410305           | TSL-DMX-AMP             | 12-24 VDC          | 512                 | DMX 512 /RDM       | 164 x 58 x 36,6 mm 12 N    |
| 09410306           | TSL-DMX-SPLITTER-8-RJ45 | 12-24 VDC          | 8x512               | DMX 512 /RDM       | 199 x 125 x 44 mm 13 N     |

Master DMX

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Canales<br>Channels | Control<br>Control | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|---------------------|--------------------|---------------------------|
| 09410089           | TSL-2811DMX     | 12-24 VDC          | 1                   | RGBW               | 86 x 86 x 29,1 mm 06      |
| 09410090           | TSL-2812DMX     | 12-24 VDC          | 4                   | RGBW               | 86 x 86 x 29,1 mm 07      |
| 09410088           | TSL-2830DMX     | 12-24 VDC          | 4                   | RGBW               | 86 x 86 x 29,1 mm 08      |

Decodificadores  
Decoders

| Referencia<br>Code | Modelo<br>Model  | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|------------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410094           | TSL-2102BEA-RJ45 | 12-24 VDC          | 8A x 4C               | 384-768 W         | 165 x 60 x 32 mm 14       |
| 09410094DIN        | TSL-2102RJ45DIN  | 12-24 VDC          | 5A x 4C               | 240-480 W         | 110 x 53 x 65 mm 15       |
| 09300041           | PX24500          | 12-24 VDC          | 5A x 3C               | 180-360 W         | 175 x 45 x 35 mm 16       |



# TSL SIMPLY Family

Sencillez polivalente / *Multi-purpose simplicity*

Simple y económicos. Dos receptores para cuatro tipos de emisores que engloban todos los tipos de control lumínico. Cada receptor puede ser controlado por hasta 7 emisores.

*Simple and economical. Two receivers for four types of emitters that encompass all types of light control. Each receiver can be controlled by up to 7 emitters.*



## Emisores *Emitters*

| Referencia<br><i>Code</i> | Modelo<br><i>Model</i> | Tensión<br><i>Voltage</i> | Zonas<br><i>Areas</i> | Control<br><i>Control</i> | Dimensiones<br><i>Dimensions</i> |
|---------------------------|------------------------|---------------------------|-----------------------|---------------------------|----------------------------------|
| 09410129                  | TSL-2839               | 4,5 VDC (3xAAA)           | 1                     | RGB                       | 120 x 48 x 17,6 mm 01            |
| 09410130                  | TSL-2839CCT            | 4,5 VDC (3xAAA)           | 1                     | CCT                       | 120 x 48 x 17,6 mm 02            |
| 09410131                  | TSL-2839DIM            | 4,5 VDC (3xAAA)           | 1                     | Mono                      | 120 x 48 x 17,6 mm 03            |
| 09410132                  | TSL-2839W              | 4,5 VDC (3xAAA)           | 1                     | RGBW                      | 120 x 48 x 17,6 mm 04            |

## Receptores *Receivers*

| Referencia<br><i>Code</i> | Modelo<br><i>Model</i> | Tensión<br><i>Voltage</i> | Intensidad<br><i>Current</i> | Potencia<br><i>Power</i> | Dimensiones<br><i>Dimensions</i> |
|---------------------------|------------------------|---------------------------|------------------------------|--------------------------|----------------------------------|
| 09410127                  | TSL-1029               | 12-24 VDC                 | 5A x 3C                      | 180-360 W                | 145 x 46,5 x 16 mm 05            |
| 09410128                  | TSL-1029W              | 12-24 VDC                 | 5A x 4C                      | 240-480 W                | 145 x 46,5 x 16 mm 05            |

# TSL AMPLI Family

## Amplificadores de señal / Signal amplifiers

Los amplificadores de señal son aparatos que copian la información de un controlador y la amplifican de manera que se pueda ampliar la cantidad de tira led utilizada consiguiendo que una instalación de mayores dimensiones funcione simultáneamente.

Existen modelos apropiados para cada tipo de control luminoso, que permiten un uso ilimitado de aparatos mediante instalaciones en formato estrella o cascada.

Signal amplifiers are devices that copy information from a controller and amplify it, allowing the amount of LED strip used to be extended, enabling a larger installation to operate simultaneously.

There are models for each type of light control, which allow for an unlimited use of devices through star or cascade format installations.



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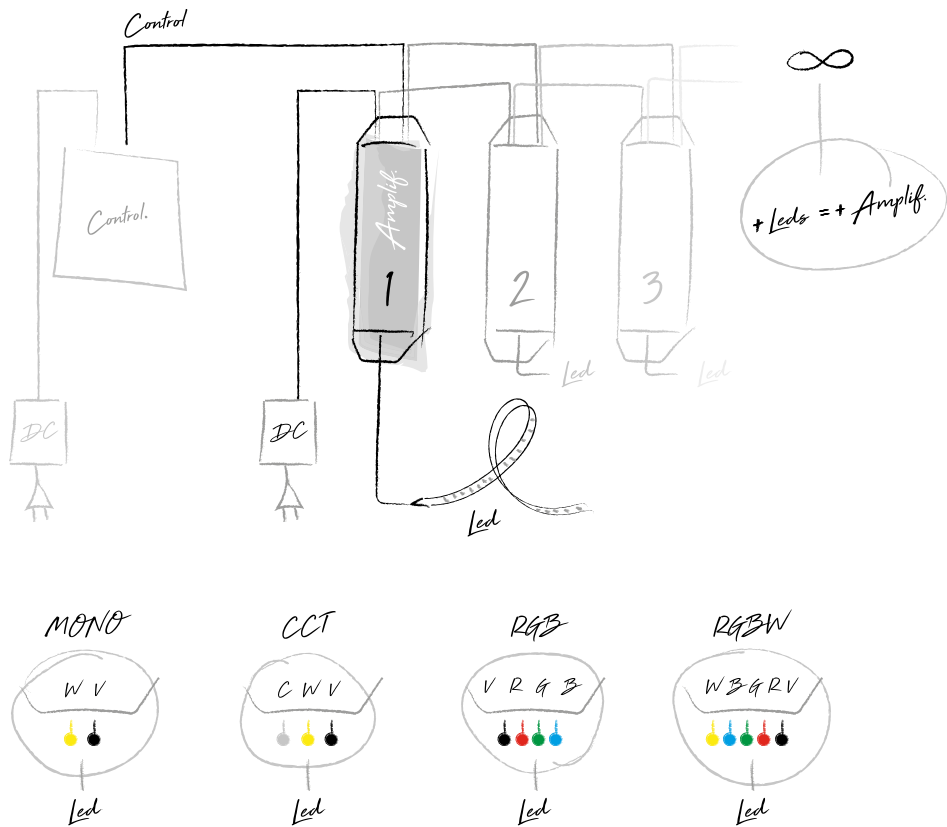


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| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410045           | TSL-3003 Mono   | 12-24 VDC          | 24A x 1C              | 288-576 W         | 150 x 54 x 32,5 mm 01     |
| 09300042           | RP306 RGB       | 12-24 VDC          | 5A x 3C               | 180-360 W         | 165 x 39 x 26 mm 02       |
| 09410075           | TSL-3002 RGBW   | 12-24 VDC          | 8A x 4C               | 384-768 W         | 145 x 46 x 16 mm 03       |



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# TSL DALI Family

Standard profesional

DALI es un interfaz para todo tipo de soluciones profesionales en alumbrado.

*DALI is an interface for all types of professional lighting solutions.*

Tecsoled ofrece un amplio rango de equipos de control DALI para luminarias y sistemas con tecnología led.

*Tecsoled offers a wide range of DALI control units for lights and LED technology systems.*

Se trata de un estándar para equipos electrónicos regulables de protocolo abierto, fácil comunicación y control individual o conjunto de hasta 16 grupos.

*This is an open-protocol standard for adjustable electronic device with easy communication and individual or joint control of up to 16 groups.*

Toda la instalación se realiza mediante cableado eléctrico de dos hilos lo que facilita el trabajo del instalador.

*The entire installation is undertaken with two-wire electrical cabling, facilitating the installer's work.*

El sistema permite la creación de escenas que crean ambientes y el ahorro energético.

*The system allows for scenes to be created that produce atmospheres and, at the same time, save energy.*



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### Programador Programmer

| Referencia<br>Code | Modelo<br>Model | Descripción<br>Description       | Tensión<br>Voltage | Salida<br>Output | Dimensiones<br>Dimensions                                                                                                                                                                |
|--------------------|-----------------|----------------------------------|--------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09410332           | TSL-2300-USB    | Programador / <i>Programmer</i>  | 100-240 VAC        | DALI             | 53 x 110 x 65 mm   |
| 09410319           | TSL-2400P       | Alimentador / <i>Supply DALI</i> | 100-240 VAC        | 16 VDC/250 mA    | 53 x 110 x 65 mm                                                                                      |

### Actuadores Actuators

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Cantidad<br>Quanty | Control<br>Control         | Dimensiones<br>Dimensions                                                                               |
|--------------------|-----------------|--------------------|--------------------|----------------------------|---------------------------------------------------------------------------------------------------------|
| 09410320           | TSL-2400LC      | Sist. Dali         | 4                  | Luminarias / <i>Lights</i> | 45 x 45,5 x 20,3 mm  |
| 09410321           | TSL-2400GC      | Sist. Dali         | 4                  | Grupos / <i>Groups</i>     | 45 x 45,5 x 20,3 mm  |
| 09410322           | TSL-2400SC      | Sist. Dali         | 4                  | Escenas / <i>Scenes</i>    | 45 x 45,5 x 20,3 mm  |
| 09410311           | TSL-2300TS      | Sist. Dali         | 4                  | Grupos / <i>Groups</i>     | 86 x 86 x 29,1 mm    |
| 09410312           | TSL-2400TL      | Sist. Dali         | 4                  | Luminarias / <i>Lights</i> | 86 x 86 x 29,1 mm    |
| 09410313           | TSL-2400TG      | Sist. Dali         | 4                  | Grupos / <i>Groups</i>     | 86 x 86 x 29,1 mm    |
| 09410314           | TSL-2400TS      | Sist. Dali         | 4                  | Escenas / <i>Scenes</i>    | 86 x 86 x 29,1 mm  |

### Sensor DALI DALI Sensor

| Referencia<br>Code | Modelo<br>Model   | Tensión<br>Voltage | Cantidad<br>Quanty | Control<br>Control      | Dimensiones<br>Dimensions                                                                            |
|--------------------|-------------------|--------------------|--------------------|-------------------------|------------------------------------------------------------------------------------------------------|
| 09410140           | TSL-2412-SCENES   | Sist. Dali         | 16                 | Grupos / <i>Groups</i>  | 45x45,5x20,3mm  |
| 09410141           | TSL-2412-SCENES-B | Sist. Dali         | 16                 | Escenas / <i>Scenes</i> | 45x45,5x20,3mm  |

### Convertidor Converter

| Referencia<br>Code | Modelo<br>Model | Descripción<br>Description | Tensión<br>Voltage | Salida<br>Output | Dimensiones<br>Dimensions                                                                          |
|--------------------|-----------------|----------------------------|--------------------|------------------|----------------------------------------------------------------------------------------------------|
| 09250229           | TSL-DAPO4       | Señal DALI - PWM           | 90-305 VAC         | PWM 10V          | 165x46x23 mm  |

### Decodificador Decoder

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions                                                                                                                                                                      |
|--------------------|-----------------|--------------------|-----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09410318           | TSL-2304B       | 12-24 VDC          | 5A x 4C               | 240-480 W         | 178 x 46 x 22 mm                                                                                          |
| 09410295           | TSL-2309PRO     | 12-24 VDC          | 5A x 4C               | 240-480 W         | 170 x 53,4 x 28 mm   |
| 09410123           | TSL-2701B       | 100-240 VAC        | 5A x 1C               | 1200 W            | 170 x 59 x 29 mm                                                                                          |

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Modo de  
conexión



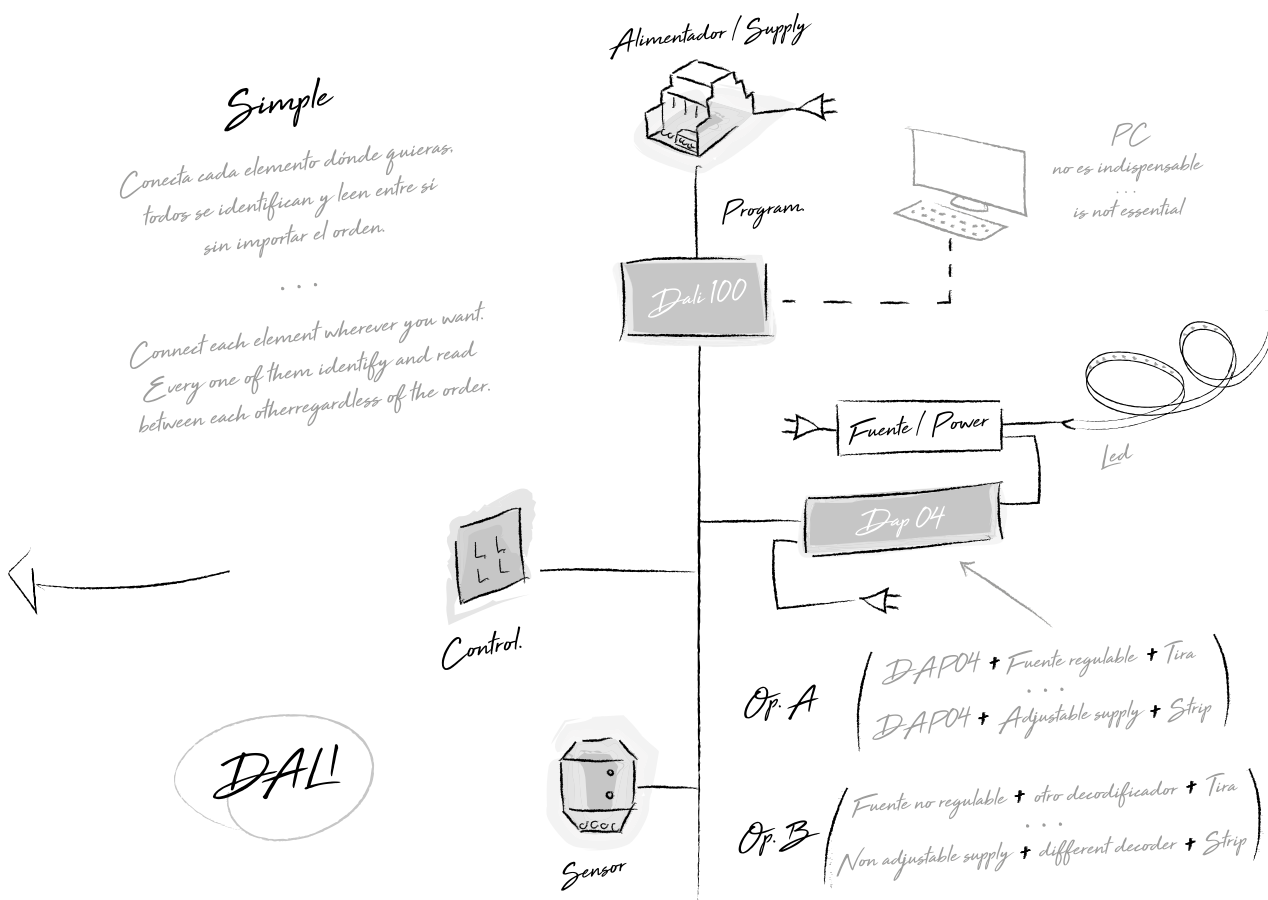
Connection  
Mode

## Simple

Conecta cada elemento donde quieras.  
todos se identifican y leen entre si  
sin importar el orden.

...

Connect each element wherever you want.  
Every one of them identify and read  
between each other regardless of the order.



Se pueden conectar cuántos controladores y decodificadores necesites

...

You can connect as many controllers and decoders as necessary



Manuales disponibles para descargar en  
User manuals available for download at

[www.tecsoled.com](http://www.tecsoled.com)

# TSL DALCNET Family

Dalcnet es una marca italiana de reconocido nombre, su gama de controladores son especiales para instalarlos en caja de mecanismos por su especial diseño y permite regular tiras de led de forma cableada con la ayuda de un pulsador libre de carga de cualquier marca y modelo, lo que permite la integración en cualquier instalación.

## Regulador para pulsador / Dimmers for push button

Dalcnet is a renowned Italian brand. Its range of controllers is specific for installation in the mechanism box thanks to their special design, allowing for wired LED strips to be dimmed with the help of a charge-free push-button of any brand or model, therefore enabling integration into any installation.



| Referencia<br>Code | Modelo<br>Model    | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |   |
|--------------------|--------------------|--------------------|-----------------------|-------------------|---------------------------|---|
| 09241001           | DLC1248 PUSH       | 12-48 VDC          | 6.5A x 1C             | 78-156 W          | 44 x 44 x 25 mm 01        |   |
| 09241002           | DLC1248-BLE + PUSH | 12-24 VDC          | 10 A                  | 120-240 W         | 44 x 44 x 25 mm 02        |   |
| 09410301           | DAC230-1CH         | 230 VAC            | 0.8 A                 | 200 W             | 44 x 44 x 25 mm 03        | N |

# TSL CONVER Family

Los productos de la familia CONVER son convertidores de un tipo de señal a otra. Su función es la de traducir dos lenguajes distintos para que se entiendan.

## Conversor / Converter 0/1-10V · PWM

CONVER family products are converters from one type of signal to another. Their function is to translate two different languages, allowing them to understand each other.



| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |  |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|--|
| 09410072           | TSL-2006        | 12-24 VDC          | 8A x 1C               | 96-192 W          | 95 x 37 x 20 mm 01        |  |

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- Lite
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- Julia
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- Prod.
- Deco.
- Mod.
- Cont.
- Fuen. PSU

## TSL KNX Family

Control universal domótica / Home automation universal control

KNX es un protocolo de comunicación entre aparatos electrónicos que engloba todos los ámbitos posibles, desde seguridad, comunicación, control de persianas, control de riego, climatización e iluminación.

En la actualidad este tipo de instalaciones se realizan principalmente en edificios industriales y de oficinas, para una gestión de energías y automatización de sistemas.

Tecsoled inicia su camino en el sistema KNX de la mano de dos decodificadores que permiten integrar tiras monocolor y RGBW a las instalaciones.

*KNX is a protocol for communication between electronic devices that encompasses all possible areas, from safety, communication, and blind control to irrigation control, climate control and lighting.*

*Nowadays, this type of installation is mainly undertaken in industrial and office buildings, for the purpose of energy management and system automation.*

*Tecsoled has begun its KNX system journey with two decoders that allow for single colour and RGBW strips to be integrated into installations.*



| Referencia<br>Code | Modelo<br>Model    | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|--------------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410144           | TSL-KNX9501FA MONO | 12-24 VDC          | 5A x 4C               | 240-480 W         | 72 x 90,1 x 66,4 mm 01    |
| 09410145           | TSL-KNX9511FA RGBW | 12-24 VDC          | 5A x 4C               | 240-480 W         | 72 x 90,1 x 66,4 mm 02    |

## TSL SPI Family

Iluminación dinámica / Dynamic lighting

El mini controlador lumínico digital es un dispositivo pequeño pero con potentes funciones. Se puede controlar con botones táctiles o a través de control remoto. El usuario puede elegir el tipo de IC utilizado y configurar los pixeles controlados. Posee una gran variedad de efectos de color dinámico además de intensidad, velocidad y sentido de giro variables.

*Digital lighting mini controller is a small size device with powerful function. It can be controlled by touch key, or by remote control. The user can choose the type of IC used and configure the controlled pixels. It has a wide variety of dynamic colour effects as well as intensity, speed and variable direction of rotation.*



| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|
| 09410192           | TSL-201         | 5-24 VDC           | 10A x 1C              | 50-240 W          | 135 x 30 x 20 mm 01       |



## TSL TIMER Family

El controlador Timer tiene la sencilla capacidad de encenderse y apagarse a una hora determinada. Además, gracias a la codificación DMX puede hacer pequeñas escenas de cambio de color. Es aplicable a temporizadores de rótulos comerciales, escaparatismo, y programado puede utilizarse en iluminación para crecimiento de plantas y acuarios.

Temporizador programable / *Programmable timer*

*Timer controller has the simple ability to turn on and off at a specific time. Thanks to the DMX coding it can make small color changing scenes. Suitable for timers of commercial signs, window dressing, and its programming can be used in lighting for plant and aquarium growth.*



01

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |    |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|----|
| 09410190           | TSL-322-6A RGBW | 12-24 VDC          | 6A x 4C               | 288-576 W         | 161 x 100 x 30 mm         | 01 |

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## TSL WHEEL Family

Los controladores de la familia WHEEL se manejan a través de unas ruedas situadas en el propio receptor o a través de un mando. La función principal es la de fijar un color en particular al variar cada canal individualmente, dado que consta con tres o cuatro pantallas, respectivamente, donde indica el valor (0-255) de cada canal. A parte de su función principal, cuenta con modos dinámicos variables a través del mando a distancia.

Color específico RGB RGBW / *RGB RGBW Specific Colour*

*The WHEEL family controllers are controlled by wheels located in their housing or by a remote control. The main function is to set a particular color by changing the value of each channel individually. They have three or four screens where it shows the value (0-255) of each channel. It also has variable dynamic modes through the remote control.*



01



02

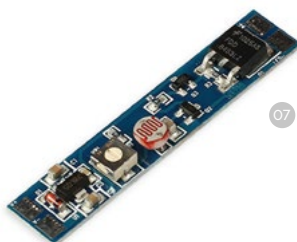
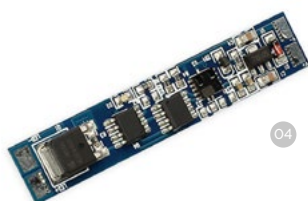
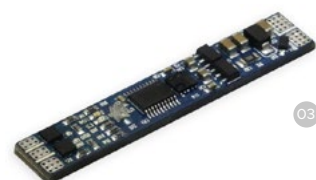
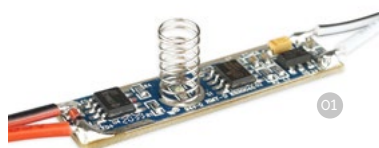
| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |    |
|--------------------|-----------------|--------------------|-----------------------|-------------------|---------------------------|----|
| 09410171           | TSL-350RF RGB   | 12-24 VDC          | 6A x3C                | 220-440 W         | 176 x 46 x 30 mm          | 01 |
| 09410172           | TSL-354RF RGBW  | 12-24 VDC          | 5A x4C                | 240-480 W         | 176 x 46 x 30 mm          | 02 |

## TSL SWITCH Family

Sensores e interruptores led / LED switches and sensors

El control lumínico mediante sensores entra firmemente en el ámbito de la iluminación led. Nuestros productos nos permiten integrar reguladores en perfilería, mobiliario o realizar controles con detectores de presencia. Las nuevas incorporaciones tienen un gran peso en el ámbito del ahorro energético, permitiendo activar o regular la iluminación de una estancia dependiendo de la presencia de personas o la cantidad de luz natural. El sistema de atenuación 1-10 V se integra a la perfección con las fuentes de alimentación regulables, consiguiendo un sistema de sencilla instalación y económico.

*Light control through sensors is a key feature in the world of LED lighting. Our products allow us to integrate dimmers into profiles or furniture, or to monitor using presence detectors. These new additions are very significant in the sphere of energy saving, allowing the user to activate or dim the lighting of a room depending on the presence of people or the amount of natural light. The 1-10 V dimming system can be perfectly integrated with adjustable power sources, achieving an easy-to-install, economical system.*



| Referencia<br>Code     | Modelo<br>Model | Descripción<br>Description                                          | Tensión<br>Voltage | Intensidad<br>Current | Potencia<br>Power | Dimensiones<br>Dimensions |
|------------------------|-----------------|---------------------------------------------------------------------|--------------------|-----------------------|-------------------|---------------------------|
| Integrados / Built-in  |                 |                                                                     |                    |                       |                   |                           |
| 09410104               | TSL-2901S       | Mini interruptor & dim.<br><i>Mini switch and dim.</i>              | 12-24 VDC          | 3A x 1C               | 36-72 W           | 42 x 10 x 20 mm 01        |
| 09410282               | TSL-SW001       | Apertura puerta<br><i>Door opening</i>                              | 12-24 VDC          | 8A x 1C               | 96-192 W          | 55 x 10 x Ø8 mm 02 N      |
| 09410286               | TSL-SW005       | Proximidad CCT + On-Off<br><i>Proximity CCT + On-Off</i>            | 12-24 VDC          | 4A x 2C               | 96-192 W          | 55 x 10 x 4 mm 03 N       |
| 09410287               | TSL-SW006       | Proximidad On-Off + Dim.<br><i>Proximity On-Off + Dim.</i>          | 12-24 VDC          | 8A x 1C               | 96-192 W          | 55 x 10 x 4 mm 04 N       |
| 09410193               | TSL-PIR002T     | Presencia<br><i>Motion</i>                                          | 12-24 VDC          | 2,5A x 1C             | 30-60 W           | 62,5x10xØ10,5 mm 05       |
| 09410288               | TSL-SW007       | Presencia y luminosidad<br><i>Motion and light level</i>            | 12-24 VDC          | 8A x 1C               | 96-192 W          | 57 x 10 x Ø10,5 mm 06 N   |
| 09410289               | TSL-SW008       | Luminosidad<br><i>Light level</i>                                   | 12-24 VDC          | 8A x 1C               | 96-192 W          | 49 x 10 x 4 mm 07 N       |
| 09410290               | TSL-SW009       | Magnético apertura puerta<br><i>Magnetic door opening</i>           | 12-24 VDC          | 8A x 1C               | 96-192 W          | 49 x 10 x 4 mm 08 N       |
| Empotrables / Recessed |                 |                                                                     |                    |                       |                   |                           |
| 09410206               | TSL-SW010       | Mano<br><i>Hand</i>                                                 | 12-24 VDC          | 4A x 1C               | 48-96 W           | Ø11 x 18 mm 09 N          |
| 09410283               | TSL-SW002       | Apertura puerta doble y mano<br><i>Double door opening and hand</i> | 12-24 VDC          | 4A x 1C               | 48-96 W           | Ø11 x 18 mm 10 N          |
| 09410284               | TSL-SW003       | Apertura puerta<br><i>Door opening</i>                              | 12-24 VDC          | 4A x 1C               | 48-96 W           | Ø11 x 18 mm 11 N          |
| 09410285               | TSL-SW004       | Táctil interruptor & dim.<br><i>Touch switch &amp; dim.</i>         | 12-24 VDC          | 4A x 1C               | 48-96 W           | Ø18 x 16,5 mm 12 N        |



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# FU ENTE TES

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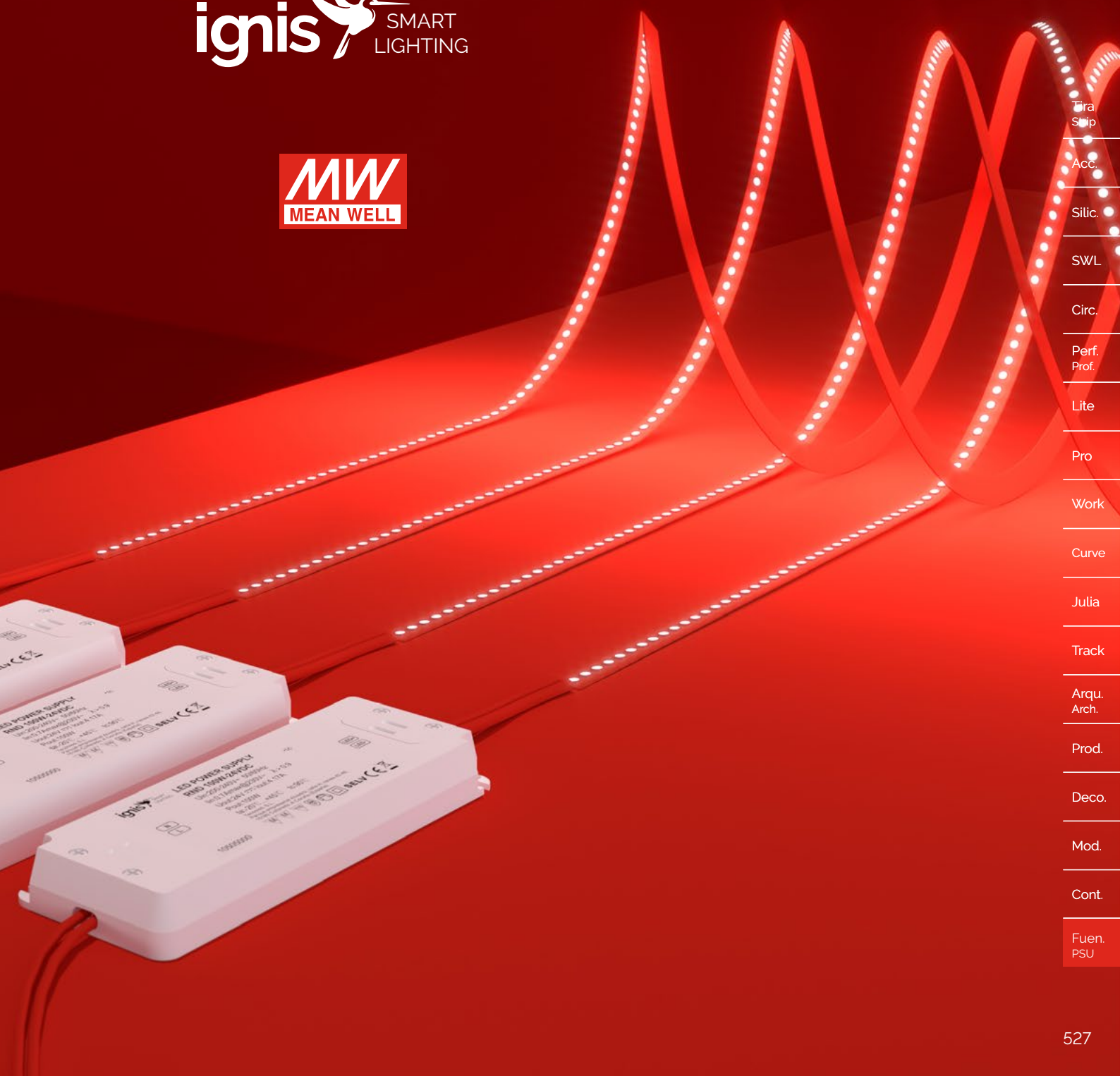
POWER SUPPLIES

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Desde una posición líder y asentada en el mercado, nuestras fuentes de alimentación cuentan con unos estándares óptimos para instalaciones lumínicas.

*From a leading, established position on the market, our power supplies boast optimal standards for lighting installations.*



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- Protección frente a sobre carga
- Alta eficiencia superior al 85%
- Regulación suave y sin parpadeos
- No requiere carga mínima

- Protection against power surges
- High efficiency above 85%
- Smooth regulation without flickering
- Does not require a minimum charge



Fiables y versátiles  
Reliable and versatile

Los modelos de la familia IGNIS cuentan con regulación DALI (Protocolo IEC 62386) o regulación por corte de fase TRIAC o ELV (inicio y fin de fase).



Models in the IGNIS Family are DALI regulated (IEC 62386 protocol) or TRIAC or ELV phase-cut-regulated (phase beginning and end).

Aquellas fuentes con regulación DALI también son regulables intercalando un pulsador en la fase que las alimenta.



Power supplies with DALI regulation can also be regulated by inserting a push-button on the phase feeding them..

En los modelos de más potencia, se combina regulación DALI y 3in1.



More powerful models combine DALI and 3in1 regulation.

## TSL LDR Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250630           | LDR 40-12 DA    | 12 V               | 40 W              | DALI+Push     | 137 x 82 x 31 mm          |
| 09250622           | LDR 40-12 TR    | 12 V               | 40 W              | TRIAC         | 137 x 82 x 31 mm          |
| 09250631           | LDR 40-24 DA    | 24 V               | 40 W              | DALI+Push     | 137 x 82 x 31 mm          |
| 09250623           | LDR 40-24 TR    | 24 V               | 40 W              | TRIAC         | 137 x 82 x 31 mm          |



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## TSL NGD Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250632           | NGD 75-12 DA    | 12 V               | 75 W              | DALI+Push     | 203 x 54 x 33 mm          |
| 09250624           | NGD 75-12 TR    | 12 V               | 75 W              | TRIAC         | 203 x 54 x 33 mm          |
| 09250633           | NGD 75-24 DA    | 24 V               | 75 W              | DALI+Push     | 203 x 54 x 33 mm          |
| 09250625           | NGD 75-24 TR    | 24 V               | 75 W              | TRIAC         | 203 x 54 x 33 mm          |

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## TSL BQR Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250636           | BQR 200-12 DA   | 12 V               | 200 W             | 5in1          | 310 x 60 x 45 mm          |
| 09250628           | BQR 200-12 TR   | 12 V               | 200 W             | TRIAC         | 310 x 60 x 45 mm          |
| 09250637           | BQR 200-24 DA   | 24 V               | 200 W             | 5in1          | 310 x 60 x 45 mm          |
| 09250629           | BQR 200-24 TR   | 24 V               | 200 W             | TRIAC         | 310 x 60 x 45 mm          |

5in1 | Regulación DALI, 1-10V, pulsador, resistencia o PWM 10V / DALI, 1-10V, push, resistance or PWM 10V dimming

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## TSL SCN Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250874           | SCN 30-24       | 24 V               | 30 W              | NO            | 149 x 40,4 x 26,7 mm      |
| 09250737           | SCN 60-24       | 24 V               | 60 W              | NO            | 170 x 44,5 x 28,2 mm      |
| 09250738           | SCN 100-24      | 24 V               | 100 W             | NO            | 179,4 x 62,5 x 30,6 mm    |
| 09250739           | SCN 150-24      | 24 V               | 150 W             | NO            | 179,4 x 62,5 x 30,6 mm    |



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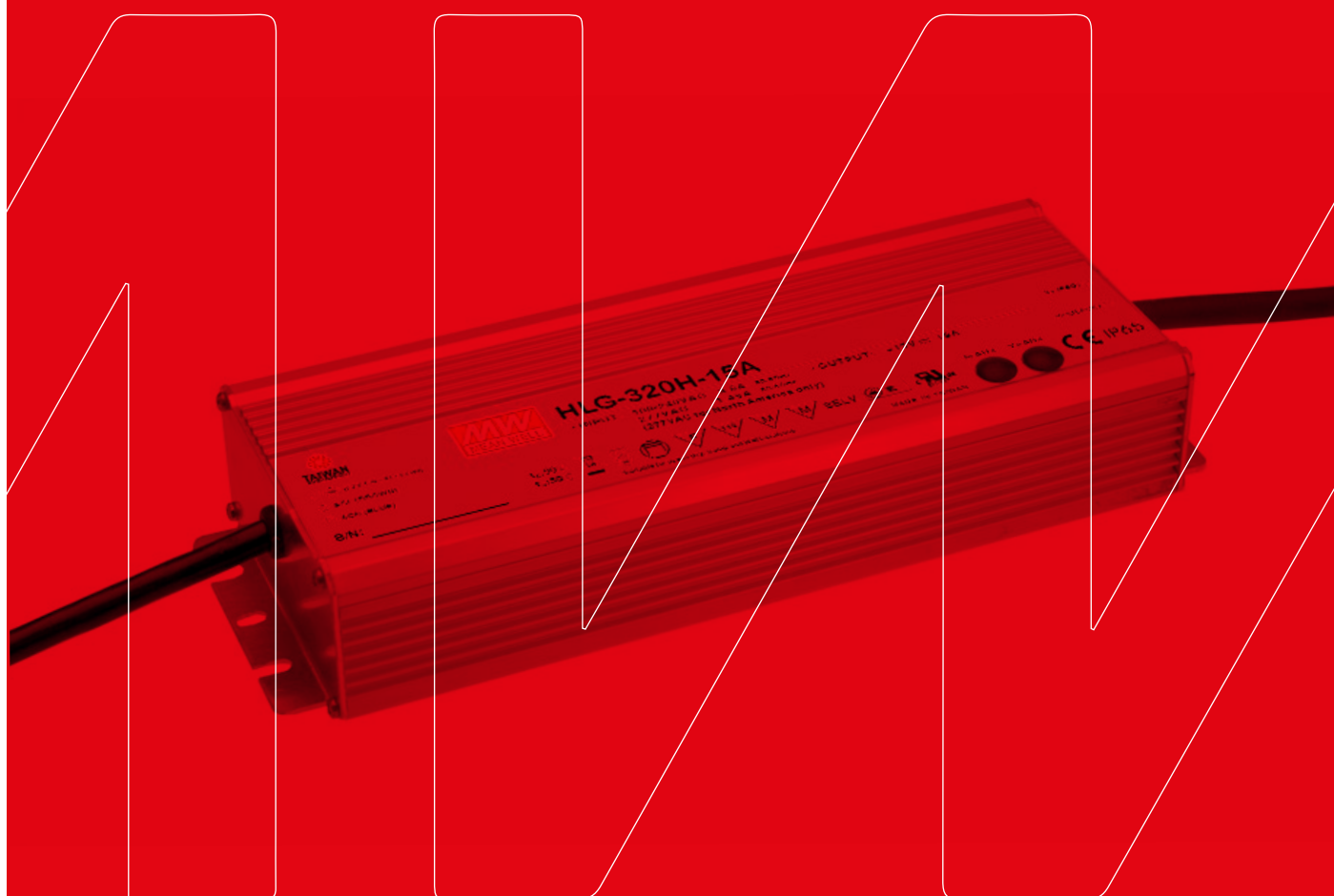
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Meanwell ha conseguido crear una serie de modelos robustos, sólidos y fiables que cuentan con las más importantes certificaciones mundiales.

*Meanwell has created a series of robust, solid, reliable models that have been awarded the most important global certifications.*



## TSL HLG Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions    |
|--------------------|-----------------|--------------------|-------------------|---------------|------------------------------|
| 09250474           | HLG 185-12      | 12V                | 156 W             | NO            | 228 x 68 x 38,8 mm           |
| 09250118           | HLG 185-12 B    | 12V                | 156 W             | 3in1          | 228 x 68 x 38,8 mm           |
| 09250285           | HLG 240H-12     | 12V                | 192 W             | NO            | 244,2 x 68 x 38,8 mm         |
| 09250087           | HLG 240H-12 B   | 12V                | 192 W             | 3in1          | 244,2 x 68 x 38,8 mm         |
| 09250420           | HLG 320H-12     | 12V                | 264 W             | NO            | 252 x 90 x 43,8 mm           |
| 09250088           | HLG 320H-12 B   | 12V                | 264 W             | 3in1          | 252 x 90 x 43,8 mm           |
| 09250318           | HLG 185-24      | 24V                | 187,2 W           | NO            | 228 x 68 x 38,8 mm           |
| 09250112           | HLG 185-24 B    | 24V                | 187,2 W           | 3in1          | 228 x 68 x 38,8 mm           |
| 09250075           | HLG 240H-24     | 24V                | 240 W             | NO            | 244,2 x 68 x 38,8 mm         |
| 09250201           | HLG 240H-24 B   | 24V                | 240 W             | 3in1          | 244,2 x 68 x 38,8 mm         |
| 09250076           | HLG 320H-24     | 24V                | 320 W             | NO            | 252 x 90 x 43,8 mm           |
| 09250095           | HLG 320H-24 B   | 24V                | 320 W             | 3in1          | 252 x 90 x 43,8 mm           |
| 09250528           | HLG 480H-24     | 24V                | 480 W             | NO            | 262 x 125 x 43,8 mm <b>N</b> |
| 09250556           | HLG 480H-24 B   | 24V                | 480 W             | 3in1          | 262 x 125 x 43,8 mm <b>N</b> |
| 09250506           | HLG 185H-48     | 48V                | 187,2 W           | NO            | 228 x 68 x 38,8 mm <b>N</b>  |
| 09250740           | HLG 240H-48     | 48V                | 240 W             | NO            | 244,2 x 68 x 38,8 mm         |
| 09250571           | HLG 320H-48     | 48V                | 321,6 W           | NO            | 252 x 90 x 43,8 mm           |

**3in1** | Regulación 1-10V, resistencia o PWM 10V / 1-10V, resistance or PWM 10V dimming



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## TSL IDLV Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250557           | IDLV 45-12      | 12 V               | 36 W              | 3in1          | 120 x 75 x 25 mm          |
| 09250559           | IDLV 65-12      | 12 V               | 50 W              | 3in1          | 130 x 75 x 25 mm          |
| 09250558           | IDLV 45-24      | 24 V               | 45 W              | 3in1          | 120 x 75 x 25 mm          |
| 09250560           | IDLV 65-24      | 24 V               | 57,6 W            | 3in1          | 130 x 75 x 25 mm          |

**3in1** | Regulación 0-10V, resistencia o PWM 10V / 0-10V, resistance or PWM 10V dimming

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## TSL NDR Family

Industrial

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250487           | NDR 75-12       | 12 V               | 75,6 W            | NO            | 32 x 125,2 x 102 mm       |
| 09250488           | NDR 120-12      | 12 V               | 120 W             | NO            | 40 x 125,2 x 113,5 mm     |
| 09250490           | NDR 75-24       | 24 V               | 76,8 W            | NO            | 32 x 125,2 x 102 mm       |
| 09250367           | NDR 120-24      | 24 V               | 120 W             | NO            | 40 x 125,2 x 113,5 mm     |
| 09250368           | NDR 240-24      | 24 V               | 240 W             | NO            | 63 x 125,2 x 113,5 mm     |

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PSU

## TSL APV Family

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions        |
|--------------------|-----------------|--------------------|-------------------|---------------|----------------------------------|
| 09250680           | APV 8-12E       | 12 V               | 8,04 W            | NO            | 60 x 30 x 23,5 mm <span>N</span> |
| 09250056           | APV 16-12       | 12 V               | 15 W              | NO            | 77 x 40 x 29 mm                  |
| 09250543           | APV 8-24E       | 24 V               | 8,16 W            | NO            | 60 x 30 x 23,5 mm <span>N</span> |
| 09250064           | APV 16-24       | 24 V               | 16 W              | NO            | 77 x 40 x 29 mm                  |



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## TSL HDR Family

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250481           | HDR 30-12       | 12 V               | 24 W              | NO            | 35 x 90 x 54,5 mm         |
| 09250482           | HDR 60-12       | 12 V               | 54 W              | NO            | 52,5 x 90 x 54,5 mm       |
| 09250910           | HDR 100-12N     | 12 V               | 90 W              | NO            | 70 x 90 x 54,5 mm         |
| 09250484           | HDR 30-24       | 24 V               | 36 W              | NO            | 35 x 90 x 54,5 mm         |
| 09250485           | HDR 60-24       | 24 V               | 60 W              | NO            | 52,5 x 90 x 54,5 mm       |
| 09250672           | HDR 100-24N     | 24 V               | 100,8 W           | NO            | 70 x 90 x 54,5 mm         |



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## TSL LPV Family

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250069           | LPV 20-12       | 12 V               | 20 W              | NO            | 118 x 35 x 26 mm          |
| 09250070           | LPV 35-12       | 12 V               | 36 W              | NO            | 148 x 40 x 30 mm          |
| 09250050           | LPV 60-12       | 12 V               | 60 W              | NO            | 162,5 x 42,5 x 32 mm      |
| 09250061           | LPV 100-12      | 12 V               | 102 W             | NO            | 190 x 52 x 37 mm          |
| 09250082           | LPV 150-12      | 12 V               | 120 W             | NO            | 191 x 63 x 37,5 mm        |
| 09250065           | LPV 20-24       | 24 V               | 20 W              | NO            | 118 x 35 x 26 mm          |
| 09250066           | LPV 35-24       | 24 V               | 36 W              | NO            | 148 x 40 x 30 mm          |
| 09250054           | LPV 60-24       | 24 V               | 60 W              | NO            | 162,5 x 42,5 x 32 mm      |
| 09250055           | LPV 100-24      | 24 V               | 100,8 W           | NO            | 190 x 52 x 37 mm          |
| 09250083           | LPV 150-24      | 24 V               | 151,2 W           | NO            | 191 x 63 x 37,5 mm        |



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## TSL LRS Family

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions |
|--------------------|-----------------|--------------------|-------------------|---------------|---------------------------|
| 09250380           | LRS 35-12       | 12 V               | 36 W              | NO            | 99 x 82 x 30 mm           |
| 09250240           | LRS 50-12       | 12 V               | 50,4 W            | NO            | 99 x 82 x 30 mm           |
| 09250382           | LRS 75-12       | 12 V               | 72 W              | NO            | 99 x 97 x 30 mm           |
| 09250242           | LRS 100-12      | 12 V               | 102 W             | NO            | 129 x 97 x 30 mm          |
| 09250245           | LRS 150-12      | 12 V               | 150 W             | NO            | 159 x 97 x 30 mm          |
| 09250381           | LRS 35-24       | 24 V               | 36 W              | NO            | 99 x 82 x 30 mm           |
| 09250241           | LRS 50-24       | 24 V               | 52,8 W            | NO            | 99 x 82 x 30 mm           |
| 09250383           | LRS 75-24       | 24 V               | 76,8 W            | NO            | 99 x 97 x 30 mm           |
| 09250244           | LRS 100-24      | 24 V               | 108 W             | NO            | 129 x 97 x 30 mm          |
| 09250243           | LRS 150-24      | 24 V               | 156 W             | NO            | 159 x 97 x 30 mm          |



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## TSL PWM Family

Profesional / Professional

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions   |
|--------------------|-----------------|--------------------|-------------------|---------------|-----------------------------|
| 09250436           | PWM 40-12       | 12 V               | 40,08 W           | 3in1          | 150 x 53 x 35 mm            |
| 09250426           | PWM 60-12       | 12 V               | 60 W              | 3in1          | 150 x 53 x 35 mm            |
| 09250260           | PWM 90-12       | 12 V               | 90 W              | 3in1          | 171 x 63 x 37,5 mm          |
| 09250261           | PWM 120-12      | 12 V               | 120 W             | 3in1          | 191 x 63 x 37,5 mm          |
| 09250384           | PWM 40-24       | 24 V               | 40,08 W           | 3in1          | 150 x 53 x 35 mm            |
| 09250233           | PWM 60-24       | 24 V               | 60 W              | 3in1          | 150 x 53 x 35 mm            |
| 09250895           | PWM 60-24BLE    | 24 V               | 60 W              | CASAMBI       | 150 x 53 x 35 mm <b>N</b>   |
| 09250930           | PWM 60-24DA2    | 24 V               | 60 W              | DALI2         | 150 x 53 x 35 mm            |
| 09250084           | PWM 90-24       | 24 V               | 90 W              | 3in1          | 171 x 63 x 37,5 mm          |
| 09250931           | PWM 90-24DA2    | 24 V               | 90 W              | DALI2         | 171 x 63 x 37,5 mm <b>N</b> |
| 09250234           | PWM 120-24      | 24 V               | 120 W             | 3in1          | 191 x 63 x 37,5 mm          |
| 09250914           | PWM 120-24DA2   | 24 V               | 120 W             | DALI2         | 191 x 63 x 37,5 mm          |
| 09250876           | PWM 120-24BLE   | 24 V               | 120 W             | CASAMBI       | 191 x 63 x 37,5 mm <b>N</b> |
| 09250896           | PWM 200-24      | 24 V               | 199,2 W           | 3in1          | 195 x 68 x 39,5 mm <b>N</b> |
| 09250897           | PWM 200-24DA2   | 24 V               | 199,2 W           | DALI2         | 196 x 68 x 39,5 mm <b>N</b> |

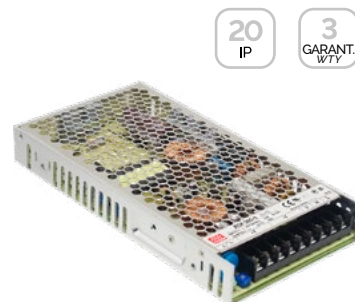
**3in1** | Regulación 0-10V, resistencia o PWM 10V / 0-10V, resistance or PWM 10V dimming



## TSL RSP Family

Industrial

| Referencia<br>Code | Modelo<br>Model | Tensión<br>Voltage | Potencia<br>Power | Reg.<br>Dimm. | Dimensiones<br>Dimensions    |
|--------------------|-----------------|--------------------|-------------------|---------------|------------------------------|
| 09250072           | RSP 200-12      | 12 V               | 200,4 W           | NO            | 215 x 115 x 30 mm            |
| 09250117           | RSP 320-12      | 12 V               | 320,4 W           | NO            | 215 x 115 x 30 mm            |
| 09250073           | RSP 200-24      | 24 V               | 201,6 W           | NO            | 215 x 115 x 30 mm            |
| 09250074           | RSP 320-24      | 24 V               | 321,6 W           | NO            | 215 x 115 x 30 mm            |
| 09250314           | RSP 500-24      | 24 V               | 500,4 W           | NO            | 230 x 127 x 40,5 mm <b>N</b> |

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# Condiciones Generales de Contrato

## GENERALIDADES

1. Las presentes Condiciones Generales de Contrato rigen para todas las transacciones comerciales entre Tecsoled, S.L., (en lo sucesivo "el vendedor") y sus socios comerciales y clientes (en lo sucesivo "el comprador") para el suministro de mercancía y (análogamente) también para la prestación de servicios (en lo sucesivo "las prestaciones"). Todas las ofertas del vendedor se basan en las presentes Condiciones Generales de Contrato.
2. Si disposiciones individuales de estas Condiciones Generales de Contrato contradicen directamente las condiciones indicadas en las ofertas o las confirmaciones de pedido del vendedor, tendrán prioridad las disposiciones en las ofertas y las confirmaciones de pedido del vendedor. En tal caso solo serán válidas aquellas disposiciones de las Condiciones Generales de Contrato o partes de las mismas que no contradigan directamente las disposiciones de las ofertas o de las confirmaciones de pedido del vendedor..
3. Se considerará que las presentes condiciones generales de contrato han sido comunicadas al comprador desde el momento en que éste recibe una oferta. Alternativamente, se considerarán como comunicadas, si el comprador las recibió previamente en el curso de su relación comercial con el vendedor, considerándose en este caso aceptadas a todos los efectos al cursar su pedido.
4. Estas Condiciones Generales de Contrato se consideran - a no ser que una transacción se base en una versión más reciente de las Condiciones Generales de Contrato - como acuerdo marco para cualquier transacción comercial con el comprador. Si una disposición de estas Condiciones Generales de Contrato fuera o llegara a ser inválida, esto no afecta la validez de las demás disposiciones.

## OFERTA

5. Las ofertas del vendedor se consideran como no vinculantes y por lo tanto no como oferta en el sentido de los artículos 1262 sigs. del Código Civil de España.
6. Los documentos de oferta, ejecución y proyecto no deben ser reproducidos ni tampoco puestos a disposición de terceros sin el consentimiento del vendedor. Puede reclamarse su devolución y han de ser enviados nuevamente al vendedor si el pedido fuera extendido a otra empresa.

## CELEBRACIÓN DEL CONTRATO

7. El contrato se considera como celebrado en cuanto el vendedor, después de recibir el pedido, haya enviado una confirmación escrita del pedido o bien el propio suministro. Los pedidos deberán ser realizados por escrito vía correo electrónico a pedidos@tecsoled.com y están sujetos a la expresa aprobación del vendedor.
8. Los pedidos en curso podrán ser anulados por el vendedor si existen circunstancias que impidan su cumplimentación, tales como: alteraciones industriales, perturbaciones laborales, falta de materias primas, etc. Los pedidos de materiales de fabricación especial no podrán ser anulados por el comprador sin la aprobación por escrito del vendedor.
9. El vendedor se reserva el derecho de proceder a la anulación automática del pedido si, antes de su envío, el comprador presenta deudas contraídas con esta empresa, un expediente de concurso de acreedores o le es instado este procedimiento por un tercero.
10. Las modificaciones y las ampliaciones posteriores del contrato, así como los acuerdos subsidiarios requieren para su validez de una confirmación escrita del vendedor. Los meros errores de escritura y de cálculo en ofertas, confirmaciones de pedido o facturas podrán ser corregidos en todo momento por el vendedor.
11. Cualquier medida o dimensión de los productos, incluida en catálogos, folletos, o página WEB, tienen carácter orientativo y deberán considerarse como aproximadas, con excepción de los casos en que hayan sido expresamente aceptadas por escrito por el vendedor.

## PRECIOS

12. En la lista de precios del vendedor figura siempre el P.V.P. (Precio de venta al público) con forma de pago al contado.
13. Los precios publicados en las listas de precios por el vendedor no incluyen IVA ni tasa Ecoraee y pueden ser variados en función de la cotización euro/dólar a partir de los diez días de efectuar el pedido. Sobre factura se aplicará el porcentaje correspondiente al IVA y la tasa Ecoraee.
14. En los pedidos de servicio y/o reparación (p. ej. planificación, puesta en servicio y/o comprobación de instalaciones, cursos de capacitación) el vendedor prestará los servicios considerados como convenientes y oportunos, facturándolos al comprador sobre la base de los gastos reales más eventuales gastos de viaje y transporte. Esto vale también para cualquier prestación adicional cuya conveniencia resultara solo durante la ejecución del pedido, no requiriéndose ninguna comunicación expresa a este respecto al comprador. A no ser que se acuerde otra cosa en forma escrita, los gastos para la preparación de ofertas de servicio y/o de reparación y/o para inspecciones serán facturados al comprador.

## ENVÍO

- 15.** La entrega de la mercancía se efectuará en las instalaciones que el comprador disponga a tal efecto y que haya comunicado por escrito al vendedor. Si el comprador lo desea, puede solicitar otra dirección de entrega estando obligado en este caso a expresarlo por escrito en cada pedido y comunicarlo por correo electrónico a pedidos@tecsoled.com. En este tipo de entregas el comprador asume toda la responsabilidad en la entrega y custodia del material.
- 16.** Para envíos dentro de península e Islas Baleares los portes son pagados, siempre y cuando el pedido sea superior a 200 euros netos, en envíos dentro de península, y superior a 350 euros netos, en envíos a Islas Baleares. En caso de no superar estas cantidades en los pedidos, los portes serán debidos.
- 17.** El vendedor enviará la mercancía en servicio 24-48 horas desde la confirmación del pedido (sujeto a existencias, plazos de fabricación y manipulación). Si el comprador requiere un servicio urgente o especial, el envío se realizará bajo su responsabilidad.
- 18.** Para envíos por cuenta y riesgo del comprador con otras agencias, el comprador lo comunicará por escrito vía correo electrónico a la dirección pedidos@tecsoled.com. En esta modalidad de envío, el vendedor no se responsabilizará ni de los plazos de recogida y entrega, ni de las posibles incidencias que pudieran devenir.
- 19.** Para entregas en Ceuta, Melilla, Islas Canarias y extranjero, los portes son siempre debidos y por cuenta y riesgo del comprador, salvo acuerdo expreso. Los impuestos que se puedan derivar de aduanas, gastos de aeropuerto o de cualquier otro tipo, correrán siempre a cargo del comprador.
- 20.** En los envíos a portes pagados, la mercancía estará asegurada por el vendedor. En caso de que el comprador detecte un defecto aparente, siniestro en la mercancía o la falta de algún paquete, es imprescindible que tal hecho se haga constar en el albarán del transportista, y debe comunicar la incidencia por correo electrónico a info@tecsoled.com en un plazo máximo de 24 horas. En caso contrario, el vendedor entenderá que la mercancía ha sido recibida en perfecto estado y condición, y no se responsabilizará de la mercancía dañada o de los bultos no recibidos por el comprador.
- 21.** Los productos se venden en su embalaje original de cartón. Si las circunstancias aconsejan utilizar otro embalaje o el comprador así lo indicara, sus gastos correrían a cargo del comprador.

## SERVICIOS Y PRESTACIONES

- 22.** En la confirmación del pedido se describen el tipo y el alcance de los servicios a efectuar por el vendedor. El comprador debe permitir la prestación de estos servicios, poniendo a disposición para todas las prestaciones a una persona responsable de la instalación, así como todos los medios auxiliares requeridos (p. ej. escaleras, andamios, cestas de trabajo). El comprador debe poner a disposición piezas de repuesto (p. ej. medios luminosos, aparatos de mando, luminarias, lámparas, etc.) a su cargo o bien éstos serán facturados por el vendedor.
- 23.** Los servicios serán efectuados en días laborables entre las 08.00 y las 17.00 horas. Si el vendedor presta servicios a petición del comprador fuera del horario indicado, el vendedor está facultado a cobrar los siguientes suplementos:
- 50 % de suplemento para prestaciones efectuadas fuera del horario indicado.
  - 100 % de suplemento para prestaciones en sábados, domingos y/o festivos.
- 24.** El comprador está obligado a informar al vendedor sin demora sobre todas las circunstancias importantes que se refieren a la instalación en cuestión y/o a una prestación, debiendo poner fuera de servicio a petición del vendedor la instalación entera o bien partes de la misma transitoriamente o bien durante el período entero de la prestación del servicio. Si en la realización de trabajos de servicio deben tomarse medidas de seguridad específicas o bien respetarse determinadas disposiciones de seguridad, el comprador está obligado a informar al vendedor en forma escrita y sin demora sobre ello. Si fuera necesaria la capacitación correspondiente del personal del vendedor, ésta se efectuará a cuenta del comprador. El vendedor está facultado a facturar al comprador en forma separada los gastos adicionales ocasionados por este motivo.
- 25.** En caso de producirse circunstancias imprevisibles o bien independientes de la voluntad de las partes, como por ejemplo casos de fuerza mayor, que impiden el cumplimiento de un plazo de suministro acordado por escrito, dicho plazo se prolonga conforme a la duración de la circunstancia, excluyéndose a este respecto todo derecho que competiría por lo demás al comprador. Esto incluye, a título de ejemplo, las intervenciones y prohibiciones por parte de autoridades, los retrasos de transporte y de trámites aduaneros, los daños ocurridos durante el transporte, las faltas de energía y de materias primas, los conflictos laborales, así como la falta de cumplimiento de un proveedor importante y difícil de sustituir. Estas circunstancias facultan asimismo a prolongar el plazo de suministro si se producen en los proveedores del vendedor.

## PAGO

- 26.** Si no se acordó ninguna condición de pago en forma escrita, vence el pago del suministro y/o de la prestación respectiva con la recepción del mismo o de la misma. En las liquidaciones parciales, el pago vence con la recepción de la factura respectiva.
- 27.** Las formas de pago aceptadas por el vendedor son: Contado, efectivo, cheque conformado o transferencia previa.
- 28.** Una forma de pago distinta a la de contado, hasta un máximo de 60 días fecha factura, puede ser negociada sobre la base de la clasificación comercial de crédito, concedida por una compañía aseguradora de riesgo.
- 29.** Todas las facturas emitidas por el vendedor serán consideradas como aprobadas y conformes a no ser que el comprador muestre su disconformidad por escrito, dentro de los siete días siguientes a la recepción de la misma.
- 30.** En los casos de entregas parciales, el vendedor estará autorizado a facturar y a exigir el pago de cada entrega parcial, así como a girar facturas parciales. El comprador estará obligado a pagar dichas facturas de conformidad con las presentes condiciones generales de contrato.
- 31.** El comprador no está facultado a retener o liquidar pagos a causa de reclamaciones de garantía o por otros derechos reclamados.
- 32.** Si el comprador incurre en demora con un pago acordado o con otra prestación, el vendedor podrá, sin perjuicio de los demás derechos que le corresponden,
- a) Aplazar el cumplimiento de sus propias obligaciones hasta que se haya realizado el pago o la prestación en cuestión;
  - b) Declarar todas las reclamaciones como vencidas, cobrando para estos importes a partir del momento del vencimiento un interés de demora del 12% anual más el impuesto correspondiente sobre el valor añadido, a no ser que el vendedor demuestre que existen gastos más allá de ello. En caso de demora ya no tendrán validez los descuentos y las bonificaciones concedidas.
- 33.** En caso de una insolvencia o del riesgo de tal insolvencia del comprador, el vendedor está facultado a retener el suministro y/o la prestación y solicitar una garantía.

## GARANTÍA

**34.** El vendedor se obliga, con arreglo a las siguientes disposiciones, a remediar cualquier defecto que perjudique la capacidad de funcionamiento, que exista en el momento del suministro o de la prestación y que se deba a una falta de construcción, del material o de su ejecución.

**35.** Para los defectos que no pueden identificarse en la inspección de la mercancía en el momento del suministro, el plazo de garantía es de 36 meses, dichos defectos deben reclamarse inmediatamente al ser identificados. Los defectos que se aprecian ya en el suministro deben reclamarse en forma escrita dentro de un plazo de 8 días, ya que de lo contrario se consideran como extinguidos. El plazo de garantía comienza también en caso de defectos latentes en el momento de la entrega (transmisión del riesgo) y no se prolonga ni tampoco se interrumpe a causa de intentos de mejora. Este plazo de garantía rige también para suministros parciales. Los defectos deben reclamarse en forma escrita inmediatamente después de su descubrimiento ya que de lo contrario se excluye todo derecho a garantía u otro derecho, si bien no facultan a retener importes de facturas o partes de éstos. El comprador debe demostrar que un defecto ya existía en el momento de la entrega de la mercancía.

**36.** Si existe un defecto que da derecho a garantía con arreglo al presente apartado "Garantía", el vendedor debe elegir entre reparar el producto defectuoso, pedir su envío para la reparación, sustituir (reemplazar) el producto o conceder al comprador una reducción del precio. No se reconocen facturas relativas a la reparación por terceros.

**37.** Todos los gastos secundarios relacionados con la eliminación de defectos (como p. ej. para montaje y desmontaje, transporte, eliminación, viaje y tiempo de viaje) son soportados por el comprador. Para los trabajos de garantía en la empresa del comprador, éste debe poner a disposición gratuitamente el personal auxiliar necesario, dispositivos de elevación, andamios y materiales pequeños, etc.

**38.** Si una mercancía es fabricada por el vendedor en base a especificaciones de construcción, dibujos u otros datos del comprador, la responsabilidad del vendedor se extiende exclusivamente a la ejecución con arreglo a dichas condiciones. Todos los derechos del comprador deben reclamarse por la vía judicial dentro de 24 meses después de la transmisión del riesgo. De lo contrario caducan todos los derechos.

**39.** La garantía de los productos será inválida en los casos que el defecto o fallo sea consecuencia de:

Un uso o tratamiento inadecuado del producto.

Montajes defectuosos, no conformes a las instrucciones que acompañan al producto.

Haber superado los valores límite de temperatura y tensión, o haber expuesto el producto a cargas mecánicas no conformes a su uso previsto.

Falta de mantenimiento de conformidad con las instrucciones de mantenimiento.

Modificaciones o alteraciones en los productos efectuadas por personal ajeno a la organización sin autorización por escrito del vendedor o no conformes con las instrucciones que acompañan al producto.

Averías por sobrecarga eléctrica derivada de instalaciones deficientes, sobrecarga en el proveedor de la línea de tensión o por accidentes atmosféricos con aparato eléctrico.

## DEVOLUCIONES

**40.** En caso de incidencia por mal funcionamiento o avería de alguno de los productos en garantía, el comprador debe comunicarlo al correo electrónico [devoluciones@tecsoled.com](mailto:devoluciones@tecsoled.com), aportando todos los datos necesarios que se le soliciten (número de albarán o factura, persona y teléfono de contacto, productos averiados y descripción de la avería).

Cuando el departamento de devoluciones lo autorice, se le asignará un número RMA de devolución y se le enviará una hoja de devolución de material en garantía. Esta hoja se devolverá cubierta junto con la mercancía, y su número RMA que deberá figurar de forma clara en toda la documentación de envío, así como en la etiqueta del embalaje.

**41.** En caso de NO incidencia, el comprador podrá solicitar la devolución del material siempre que no hayan transcurrido un máximo de 15 días naturales desde la fecha de entrega del material. Para ello, debe comunicarlo al correo electrónico [devoluciones@tecsoled.com](mailto:devoluciones@tecsoled.com), aportando todos los datos necesarios que se le soliciten (número de albarán o factura, persona y teléfono de contacto, productos que se desean devolver y la razón de la devolución).

Una vez nuestro departamento de devoluciones lo autorice, se le asignará un número RMA de devolución y tendrá un plazo de cinco días para enviar el material a nuestro almacén. Dicho número RMA debe figurar de forma clara en toda la documentación del envío, así como en la etiqueta del embalaje.

Una vez nuestro departamento de devoluciones lo autorice, se le asignará un número RMA de devolución y tendrá un plazo de cinco días para enviar el material a nuestro almacén. Dicho número RMA debe figurar de forma clara en toda la documentación del envío, así como en la etiqueta del embalaje.

**42.** El envío al vendedor se realizará siempre a portes pagados por el comprador, salvo aquellos casos en los que se realice un acuerdo expreso por escrito.

**43.** La asignación de un número RMA de devolución, no significa la aceptación definitiva de la devolución. Esta aceptación sólo será definitiva tras la comprobación del material por el departamento técnico.

**44.** El vendedor sólo aceptará devoluciones que cumplan los siguientes requisitos:

El producto debe estar en el mismo estado en que se entregó y deberá conservar su embalaje y etiquetado original en perfecto estado.

El envío debe hacerse utilizando la misma caja en que ha sido recibido para proteger el producto. Para el supuesto que no pueda hacerse con la caja con la que se entregó, el comprador deberá de devolverlo en una caja protectora con el fin de que el producto llegue al almacén del vendedor con las máximas garantías posibles.

Debe incluirse una copia del albarán de entrega dentro del paquete, donde además se marquen los productos devueltos y el motivo de la devolución.

**45.** No se acepta la devolución de productos de fabricación especial.

## INDEMNIZACIÓN POR DAÑOS Y PERJUICIOS Y RESTRICCIONES DE RESPONSABILIDAD

**46.** El vendedor responde, en la medida admitida por la ley, por daños ocasionados al comprador dentro del marco de la ejecución del negocio como máximo solo hasta la mitad del valor del pedido y tan solo en caso de dolo y negligencia grave del vendedor. La responsabilidad por negligencia leve queda excluida, en la medida en que lo admite la ley, con excepción de la responsabilidad por daños a personas. El comprador debe demostrar la negligencia grave del vendedor.

**47.** La indemnización de daños puramente patrimoniales, de beneficios perdidos, de pérdidas de intereses, de daños por las reclamaciones de terceros, independientemente de si se trata de daños directos o indirectos, daños a consecuencias de vicios o daños punitivos queda excluida en tanto que lo admita la ley.

**48.** Los derechos a indemnización por daños y perjuicios prescriben, si lo admite la ley, dentro de 6 meses después de tener conocimiento del daño y del responsable del mismo. El comprador debe informar al vendedor por escrito sobre el daño dentro de un plazo razonable, pero a más tardar dentro de 7 días naturales. Además, el comprador debe demostrar detalladamente el daño ocasionado y el monto del mismo.

## DERECHOS DE PROPIEDAD INDUSTRIAL Y DERECHOS DE AUTOR

- 49.** Si una mercancía es fabricada por el vendedor en base a datos de construcción, dibujos, modelos u otras especificaciones del comprador, el comprador debe indemnizar y exonerar al vendedor en caso de eventuales violaciones de derechos de propiedad.
- 50.** Los documentos relativos a la ejecución como por ejemplo planos, croquis y otros documentos técnicos siguen siendo, al igual que muestras, catálogos, folletos, figuras, etc., propiedad intelectual del vendedor y están sujetos a las disposiciones legales pertinentes relativas a la reproducción, imitación, competencia, etc.
- 51.** Queda prohibida la utilización de la propiedad intelectual y/o industrial de la marca TECSOLED, de la oferta, junto con la información adjunta a la misma, de los productos, planos, dibujos, "software", etc., incorporados o relativos a los mismos, que pertenece al vendedor, para otros fines que no sean la cumplimiento del pedido, así como su copia total o parcial o cesión de uso a favor de terceros, sin el previo consentimiento expreso por escrito del vendedor.
- 52.** Todos los derechos de propiedad intelectual e industrial provenientes y/o relacionados con datos y/o documentos proporcionados o elaborados por el vendedor, continuarán en poder de TECSOLED S.L., salvo pacto en contrario, no otorgando al comprador ningún tipo de derecho o licencia con relación a la información o material transmitido.
- 53.** El comprador no podrá, sin la autorización previa por escrito del vendedor, modificar, alterar, tapar, u omitir las marcas o nombres comerciales en los productos.

## LEY APLICABLE Y FUERO

- 54.** Con renuncia al fuero que pudiera corresponderle al comprador, todas controversias que pudieran eventualmente suscitarse, serán sometidas a los juzgados y tribunales de A Coruña. TECSOLED S.L. está inscrita en el Registro Mercantil de A Coruña hoja c-41838, folio 97, tomo 3229 inscripción 1ª. C.I.F. B-70122189.

## CONTACTO

Teléfono: +34 881 924 421

Administración: [info@tecsoled.com](mailto:info@tecsoled.com)

Pedidos: [pedidos@tecsoled.com](mailto:pedidos@tecsoled.com)

Devoluciones: [devoluciones@tecsoled.com](mailto:devoluciones@tecsoled.com)

Departamento técnico: [tecnico@tecsoled.com](mailto:tecnico@tecsoled.com)

Almacén y logística: [logistica@tecsoled.com](mailto:logistica@tecsoled.com)

Comercial y ventas: [comercial1@tecsoled.com](mailto:comercial1@tecsoled.com)

Web: [www.tecsoled.com](http://www.tecsoled.com)

En cumplimiento de la Ley Orgánica 3/2018, de 5 de diciembre de Protección de Datos Personales y garantía de los derechos digitales, le informamos que los datos recabados en cualquier operación comercial, se incorporarán a un fichero automático, con fines administrativos y comerciales, cuya titular es Tecsoled, S.L.

Para ejercer los derechos de acceso, rectificación, oposición o cancelación pueden dirigirse a Tecsoled S.L. por correo electrónico a [info@tecsoled.com](mailto:info@tecsoled.com) o bien por fax al +34 881 924 421.



# General Terms and Conditions of Contracts

## GENERAL TERMS AND CONDITIONS

1. These General Terms and Conditions of Contracts are applicable to all commercial transactions between Tecsoled, S.L. (hereinafter "the seller") and its commercial partners and customers (hereinafter "the buyer") for the provision of merchandise, as well as (analogously) for the provision of services (hereinafter "the services"). All the seller's offers are based on these General Terms and Conditions of Contracts.
2. In the event that individual provisions of these General Terms and Conditions of Contracts directly contradict the terms and conditions specified in the seller's purchase offers or confirmations, the terms and conditions specified in the seller's purchase offers and confirmations shall take precedence. In such scenarios, only the provisions of the General Terms and Conditions of Contracts or parts thereof that do not directly contradict the terms and conditions specified in the seller's purchase offers or confirmations shall be deemed valid.
3. These General Terms and Conditions of Contracts shall be deemed to have been communicated to the buyer from the moment the latter receives an offer. Alternatively, they shall be deemed to have been communicated if the buyer previously received them over the course of their commercial relationship with the seller. In the latter case, they shall be deemed to have been accepted for all purposes upon placement of their order.
4. Unless a transaction is based on a more recent version of the General Terms and Conditions of Contracts, these General Terms and Conditions of Contracts shall be considered to be the framework agreement for any commercial transaction with the buyer. In the event that a provision in these General Terms and Conditions of Contracts is or becomes invalid, such an occurrence shall not affect the validity of their other provisions.

## OFFER

5. The seller's offers shall be deemed non-binding and thus not offers in the sense used in Article 1262 and the following articles of the Spanish Civil Code.
6. Offer, implementation and project documents must not be reproduced or shared with third parties without the consent of the seller. Their return may be demanded, and they must be sent back to the seller if the order is placed with a different company.

## CONTRACT EXECUTION

7. The contract shall be deemed executed once the seller has sent a written confirmation of the order, or made the delivery itself, after receiving the order. Orders must be placed in writing via email to pedidos@tecsoled.com and are subject to the seller's express approval.
8. The seller shall be able to cancel orders in process if there are circumstances that prevent their completion, such as industrial alterations, labour disruptions, shortages of raw materials, etc. Orders of custom production materials may not be cancelled by the buyer without the seller's prior approval in writing.
9. The seller reserves the right to proceed to automatically cancel the order before its delivery where the buyer has outstanding debts to this company, it has filed for entry into an arrangement with creditors or such a procedure has been demanded from it through the legal actions of a third party.
10. Subsequent modifications and extensions of the contract, as well as subsidiary agreements, require confirmation in writing by the seller in order to be deemed valid. Mere printing and calculation errors in purchase offers or confirmations or invoices may be corrected at any time by the seller.
11. Any measurements or dimensions of the products, including those appearing in catalogues, brochures or webpages, are for indicative purposes only and should be understood to be approximate, except in those cases where they have been expressly accepted by the seller in writing.

## PRICES

12. The seller's price list always includes the RRP (recommended retail price) with cash as the form of payment.
13. The prices published by the seller on price lists do not include VAT or the Ecoraee fee and may be changed based on the euro/dollar exchange rate once 10 days have passed after they place the order. The percentages corresponding to VAT and the Ecoraee fee shall be applied on invoices.
14. In service and/or repair orders (e.g. planning, commissioning and or testing of installations, training courses) the seller shall provide the services deemed suitable and relevant, invoicing the buyer for their actual cost plus any potential travel and transport costs. This is also applicable to any additional services where their appropriateness becomes apparent only during the fulfilment of the order. In such a case, no express communication to the buyer shall be required in this respect. Unless other terms are agreed to in writing, expenses incurred in the preparation of service, repair and/or inspection offers shall be invoiced to the buyer.

## DELIVERY

- 15.** Merchandise shall be delivered to the facilities that the buyer specifies for this purpose as communicated to the seller in writing. If the buyer so wishes, they may request a different delivery address, in which case they must specify this in writing for each order and communicate it to the seller via email at pedidos@tecsoled.com. In this type of deliveries, the buyer accepts full responsibility in the delivery and custody of materials.
- 16.** Deliveries to the Iberian Peninsula and the Balearic Islands are carriage-paid as long as the net amount of the order is above 200 euros for deliveries to the Iberian Peninsula and 350 euros for deliveries to the Balearic Islands. For orders below these amounts, delivery costs will be debited.
- 17.** The seller shall send the merchandise via 24-48 hour service upon order confirmation (subject to stock availability and production and handling times). If the buyer requires urgent or special service, delivery shall be carried out on their own responsibility.
- 18.** Where deliveries are to be on the customer's own account and at their risk via other delivery companies, the buyer must state this in writing by sending an email to pedidos@tecsoled.com. In this form of delivery, the seller shall not be responsible for collection and delivery times or for potential incidents.
- 19.** For deliveries to Ceuta, Melilla and the Canary Islands and abroad, delivery costs are always due and at the buyer's expense and risk, unless otherwise expressly agreed. Potential custom duties and tariffs and airport or any other fees and charges shall always be at the buyer's expense.
- 20.** In carriage-paid deliveries, the merchandise shall be insured by the seller. If the buyer detects an apparent defect, damage to the merchandise or missing parcels, this must be recorded on the delivery note of the carrier, and the incident must be reported via email to info@tecsoled.com within a maximum of 24 hours. Otherwise, the seller shall understand that the merchandise has been received in perfect condition and shall not accept responsibility for damaged merchandise or parcels not received by the buyer.
- 21.** Products are sold in their original cardboard packaging. If circumstances suggest that other packaging should be used or the buyer so requests, the costs thereof shall be at the buyer's expense.

## SERVICES

- 22.** Order confirmations describe the nature and extent of services to be provided by the seller. The buyer must allow the provision of these services, making a member of staff in charge of the facility available for all service provisions, as well as providing all auxiliary means required (e.g. ladders, scaffolding, goods cages). The buyer must provide spare parts (e.g. light means, control devices, lamps, bulbs, etc.) at their expense, or else these shall be invoiced by the seller.
- 23.** Services shall be provided on working days between 08.00 and 17.00 hours. If the seller provides services outside these hours at the request of the buyer, the former may charge the following supplements:
- a 50% supplement for services provided outside the times specified above
  - a 100% supplement for services provided on Saturdays, Sundays and/or bank holidays.
- 24.** The buyer is obliged to inform the seller promptly of any important circumstances relating to the installation in question and/or a service, and must put the installation or parts thereof out of commission at the request of the seller, whether it be temporarily or for the entire duration of the provision of the service. If specific safety measures must be taken or complied with during service operations, the buyer is obliged to inform the seller promptly and in writing about this. Where relevant skills training of the seller's staff is required, this will be carried out at the expense of the buyer. The seller may invoice the buyer separately for additional expenses incurred for this reason.
- 25.** In the event of unforeseeable circumstances or situations beyond the control of the parties, such as force majeure, preventing compliance with a delivery deadline agreed upon in writing, said deadline shall be extended in accordance with the duration of said circumstances or situations, voiding any rights that the buyer might otherwise enjoy in this respect. These include, for example, interventions and prohibitions by the authorities, delays in transport and customs procedures, damage sustained while in transport, power outages and shortages of raw materials, labour disputes and failure to comply on the part of an important supplier that is difficult to replace. These circumstances shall also be grounds for extending the delivery deadline if they affect the seller's suppliers.

## PAYMENT

- 26.** If no payment terms have been agreed upon in writing, payment for the delivery or service is due upon reception thereof. In case of partial payments, payment is due upon reception of the corresponding invoice.
- 27.** The forms of payment accepted by the seller are: cash, bank-endorsed cheque or prior bank transfer.
- 28.** A form of payment other than cash up to 60 days after the invoice date may be negotiated based on the business credit rating calculated by a risk insurance company.
- 29.** Any invoice issued by the seller shall be deemed approved and correct unless the buyer states their disagreement therewith in writing within seven days after said invoice is received.
- 30.** In case of partial deliveries, the seller may invoice and demand payment for each partial delivery and send partial invoices. The buyer is obliged to pay the invoiced amounts pursuant to these General Terms and Conditions of Contracts.
- 31.** The buyer may not withhold or settle payments by reason of warranty claims or other rights claimed.
- 32.** If an agreed payment or other service is delayed by the buyer, the seller, without prejudice to the other rights that they may have, shall be able to:
- a) delay compliance with their own obligations until said payment has been made or said service has been provided.
  - b) declare all claims due, charging for those amounts an annual interest on arrears of 12% plus the corresponding value added tax from the moment that such claims become due, unless the seller proves that other expenses are incurred beyond this. In case of delayed payments, discounts applied shall no longer be valid.
- 33.** In case of insolvency or risk thereof on the part of the customer, the seller may withhold the delivery and/or service provision and demand a guarantee of payment.

## WARRANTY

- 34.** Pursuant to the following provisions, the seller is obliged to remedy any existing defect at the time of delivery or service provision that may reduce the ability to operate where said defect is caused by a fault in construction, the materials or the provision of the service.
- 35.** In regards to defects that cannot be identified upon inspection of the merchandise at the time of delivery, the warranty period is 36 months. Said defects must be promptly claimed upon identification. Defects that can be observed at the time of delivery must be claimed in writing within 8 days; otherwise, they shall be deemed expired. The warranty period also begins where there are latent defects at the time of delivery (passing of risk) and shall not be extended or interrupted upon improvement attempts. This warranty period also applies to partial deliveries. Defects must be claimed in writing immediately after they are discovered; otherwise, any warranty or other rights shall be excluded, although these do not entitle the buyer to withhold invoice amounts due or parts thereof. The buyer must prove that a defect already existed at the time of delivery of the merchandise.
- 36.** Where there is a defect that entitles the buyer to warranty rights pursuant to the provisions of this "Warranty" section, the seller must choose between repairing the defective product, requesting its delivery for reparation, replacing the product or offering the buyer a price reduction. Invoices related to repairs carried out by third parties shall not be accepted.
- 37.** All secondary costs related to the elimination of defects (e.g. for assembly and dismantling, transport, removal, travel and travel times) shall be at the buyer's expense. For service under warranty at the buyer's company, the latter must provide free of charge any required auxiliary staff, lifting devices, scaffolding and small materials, etc.
- 38.** If an item is manufactured by the seller based on construction specifications, drawings or other data supplied by the buyer, the seller is only responsible for providing it in accordance with such conditions. All the buyer's rights must be claimed through recourse to the law within 24 months after risk is passed. Otherwise, all rights shall expire.
- 39.** Product warranty shall not apply where the defect or fault is a consequence of:
- Misuse or poor handling of the product.
  - Defective assemblies which do not comply with the instructions that accompany the product.
  - Exceeding the temperature and/or voltage limit values or exposing the product to mechanical loads that are not in accordance with its designated purpose.
  - failure to carry out maintenance in accordance with the maintenance instructions.
  - Modifications or alterations to the product made by staff from outside the company without prior written authorisation by the seller or not complying with the instructions that accompany the product.
  - Power surges caused by deficient electrical installations, power surges on the electricity supplier's side or accidents due to the use of electrical devices under unfavourable atmospheric conditions.

## RETURNS

- 40.** In the event of an incident caused by the malfunctioning of or a fault in any of the products under warranty, the buyer must communicate this via email to [devoluciones@tecsoled.com](mailto:devoluciones@tecsoled.com), supplying all the necessary information that is required from them (delivery note or invoice number, contact person and telephone number, faulty products and description of the fault).
- When the returns department authorises so, an RMA return number shall be assigned and a return form for the material under warranty shall be sent to the buyer. This form must be filled in and returned together with the merchandise and its RMA number, which must be clearly visible on all delivery documents and on the packaging label.
- 41.** In case of NO incident, the buyer may request to return the material as long as no more than 15 calendar days have passed since the date of delivery of the material. To do this, the buyer must communicate their request by sending an email to [devoluciones@tecsoled.com](mailto:devoluciones@tecsoled.com), supplying all the necessary information that is required from them (delivery note or invoice number, contact person and telephone number, products to be returned and reason for return).
- Once our returns department authorises so, an RMA return number shall be assigned and the buyer shall have five days to send the material to our warehouse. Said RMA number must be clearly visible on all delivery documents and on the packaging label.
- 42.** Delivery to the seller shall always be carriage-paid at the buyer's expense unless an alternative agreement has been made and put in writing.
- 43.** The assignation of an RMA return number does not guarantee the final acceptance of a return. This acceptance will only become final after the material has been checked by the technical department.
- 44.** The seller shall only accept returns meeting the following conditions:
- The product must be in the same condition as when it was delivered and must keep its original packaging and labelling in perfect condition.
  - The delivery must be made using the same box in which the merchandise was received, in order to protect the product. If the box in which the merchandise was received cannot be reused, the customer must return it in a protective box so that the product reaches the seller's warehouse with maximum guarantees.
  - A copy of the delivery note must be included within the parcel, on which the products returned and the reason for return must be specified.
- 45.** Especially produced products cannot be returned.

## COMPENSATION FOR DAMAGES AND LIMITATION OF LIABILITY

- 46.** To the fullest extent permitted by law, the seller shall be liable for damages caused to the buyer within the context of the fulfilment of the business transaction up to a maximum amount equal to half the value of the order, and only in case of malice and gross negligence on the part of the seller. Liability for minor negligence shall be excluded to the fullest extent permitted by law, except for liability for personal injury. The buyer must prove gross negligence on the part of the seller. This also applies to minor negligence in connection to personal injury.
- 47.** Compensation for purely financial damages, profit loss, interest loss, damages due to claims by third parties (whether they be direct or indirect damages), damages resulting from defects or punitive damages is excluded to the fullest extent permitted by law.
- 48.** If permitted by law, rights to compensation for damages shall expire 6 months after the damage and the person(s) responsible for it become known. The buyer must inform the seller about the damage in writing within a reasonable time frame, which in any case shall span no more than 7 calendar days. In addition, the buyer must submit proof of the damage caused and the monetary amount thereof in detail.

## INDUSTRIAL AND INTELLECTUAL PROPERTY RIGHTS

- 49.** If an item of merchandise is produced by the seller based on construction data, drawings, models or other specifications supplied by the buyer, the buyer must pay compensation and exonerate the seller if property rights are violated.
- 50.** The seller shall continue to have the intellectual property rights to documents related to construction, such as blueprints, drawings and other technical documents, as well as to samples, catalogues, brochures, figures, etc., all of which shall be subject to the relevant legal provisions on reproduction, imitation, competition, etc.
- 51.** The use of the intellectual and/or industrial property of the TECSOLED brand, including its offer of products and information, blueprints, drawings, software, etc. attached or related thereto or included therewith belonging to the seller is forbidden for purposes other than the processing of the order, as is the sharing with third parties and the copying thereof, in full or in part, where the seller has not given prior express consent in writing.
- 52.** Unless otherwise agreed, all intellectual and industrial property rights derived from and/or connected to the information and/or documents provided or produced by the seller shall remain in the power of TECSOLED S.L., the customer having no right or licence in relation to the shared information or materials.
- 53.** The customer may not modify, alter, cover or omit the brands, labels or commercial names on products without prior express authorisation by the seller.

## APPLICABLE LAW AND JURISDICTION

- 54.** All disputes that may eventually arise shall be subjected to the jurisdiction of the courts of A Coruña (Spain) and the customer shall waive any rights to any other jurisdiction. TECSOLED S.L. is registered at the Commercial Register of A Coruña, on page c-41838, sheet 97, volume 3229, entry I. Tax Identification Number: B-70122189.

## CONTACT

Telephone no.: +34 881 924 421

Main office: [info@tecsoled.com](mailto:info@tecsoled.com)

Orders: [pedidos@tecsoled.com](mailto:pedidos@tecsoled.com)

Returns: [devoluciones@tecsoled.com](mailto:devoluciones@tecsoled.com)

Technical department: [tecnico@tecsoled.com](mailto:tecnico@tecsoled.com)

Warehouse and logistics: [logistica@tecsoled.com](mailto:logistica@tecsoled.com)

Commercial and sales department: [comercial1@tecsoled.com](mailto:comercial1@tecsoled.com)

Website: [www.tecsoled.com](http://www.tecsoled.com)

Pursuant to Organic Law 3/18, 5 December, on personal data protection, you are hereby informed that data gathered in any commercial procedure shall be added to an automatic file for administrative and commercial purposes, which is owned by Tecsoled S.L.

In order to exercise your rights of access, right to rectification, right to object and right to erasure, you may send a request in writing to Tecsoled S.L. via email at [info@tecsoled.com](mailto:info@tecsoled.com) or fax it to +34 881 924 421.









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