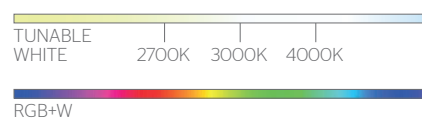




Lineal empotrable para cartón yeso y otras superficies
Recessed linear lighting for plasterboard and other surfaces

- Iluminación lineal
- Difusor opal o prismático
- Empotrable, especial para Pladur
- Sistema modular para crear ángulos y líneas continuas sin cortes ni sombras
- Instalación rápida
- Linear lighting
- Opal or prismatic diffuser
- Recessed, special for Pladur
- Modular system to get angles and continuous lines without breaks, gaps or shadows
- Quick install



IP20 UGR19 CRI>90

0-10V PWM DMX DALI



Garantía 5 Warrantly
AÑOS 5 YEARS

DESCRIPCIÓN | DESCRIPTION

La gama LSK de Sakma, un elemento lineal de iluminación de alta eficiencia.

Una estructura de aluminio extruido con un alto rendimiento de disipación y dos opciones de difusor, opal o prismático, especial para empotrar en techos Pladur.

Un sistema modular múltiple cada 100 mm con un bajo costo de mantenimiento y un importante ahorro de energía.

Diferentes opciones; Luz blanca, RGB+W y tecnología Tunable White (cambio de temperatura de color para crear diferentes ambientes).

Una excelente opción para arquitectura, oficinas, tiendas de moda, centros comerciales, hoteles, entre otras aplicaciones.

The SAKMA LSK range, a lineal high efficiency lighting element.

An extruded aluminium structure with high dissipation performance and two diffuser options, opal or prismatic, special for recessing in Pladur ceilings.

Modular system multiple of 100mm with a low maintenance cost and significant energy savings.

Different choices; White light, RGB+W and Tunable White technology (color temperature change to create different ambiances).

An excellent choice for art shaping architecture, offices, fashion stores, shopping centers, hotels, among other applications.

CARACTERÍSTICAS TÉCNICAS | TECHNICAL CHARACTERISTICS

LSK E 27 W/m

Referencia Reference	Voltaje Voltage V DC	Potencia Power W/m	Temp. color Color temp. K	CRI	Flujo Flux lm/m		Eficiencia Efficiency lm/W		Ángulo Beam °		Cantidad Number LED
					Opal	Prismático Prismatic	Opal	Prismático Prismatic	Opal	Prismático Prismatic	
LEB-270-100-xNP-AGI	24	27	2700	>80	1730	2000	64	74	120	76	140
LEB-300-100-xNP-AGI			3000		1860	2150	69	80			
LEB-400-100-xNP-AGI			4000		1980	2300	73	85			
LEB-270-100-xNP-AEI			2700	>90	1700	1971	63	73			
LEB-300-100-xNP-AEI			3000		1810	2100	67	78			
LEB-400-100-xNP-AEI			4000		1917	2241	71	83			

LSK E 37 W/m

LEB-270-100-xNP-AGJ	24	37	2700	>80	2370	2750	64	74	120	76	210
LEB-300-100-xNP-AGJ			3000		2550	2950	69	80			
LEB-400-100-xNP-AGJ			4000		2720	3150	74	85			
LEB-270-100-xNP-AEJ			2700	>90	2331	2664	63	72			
LEB-300-100-xNP-AEJ			3000		2474	2886	67	78			
LEB-400-100-xNP-AEJ			4000		2664	3034	72	82			

LSK E 37 W/m tunable white

LEB-TCO-100-xNP-AGJ	48	37	Tunable White 2700- 4000	W: >80	2720 max	3150 max	74 max	85 max	120	76	WW: 210 CW: 210
LEB-TCO-100-xNP-AEJ				W: >90	2664 max	3071 max	72 max	83 max			

LSK E 15 W/m RGB + 23 W/m white

LEB-RWO-100-xNP-AGH	24	RGB: 15 W: 23	W: 4000	W: >80	R: 194 G: 435 B: 98 W: 1584	R: 225 G: 505 B: 114 W: 1830	R: 39 G: 87 B: 20 W: 69	R: 45 G: 101 B: 23 W: 80	120	76	RGB: 120 W: 120
LEB-RWO-100-xNP-AEH				W: >90	R: 194 G: 435 B: 98 W: 1541	R: 225 G: 505 B: 114 W: 1794	R: 39 G: 87 B: 20 W: 67	R: 45 G: 101 B: 23 W: 78			

LSK E

Referencia Reference	Protección Protection	Regulación Dimmer	Disipación Disipation	Regulable Adjustable	Vida útil Useful life	Temp. trabajo Work temp.	Temp. stock Stock temp.	Dimensiones Dimensions	Peso Weight
LEB-	IP20	PWM	Pasiva Passive	Fijo Fixed	> 50000 h (25°C)	-20 - +45 °C	-20 - +60 °C	Múltiplo Multiple 100 mm	2,9 kg/m

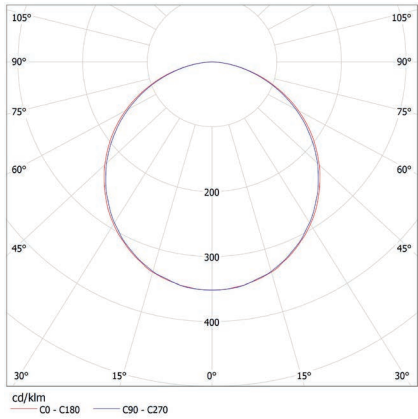
Referencia Reference	Cuerpo Body	Difusor Diffuser		Acabado Finish
		Opal	Prismático Prismatic	
LEB-	Aluminio anodizado Anodized aluminium	Polycarbonato Polycarbonate	Polycarbonato Polycarbonate	Anodizado plata Silver anodized

Por encargo se pueden realizar en diferentes temperaturas de color y CRI | By request we can manufacture in other color temperatures and CRI

FOTOMETRÍA | PHOTOMETRY

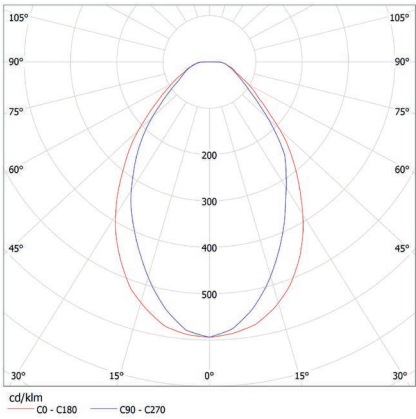
Difusor opal | Opal diffuser

120°

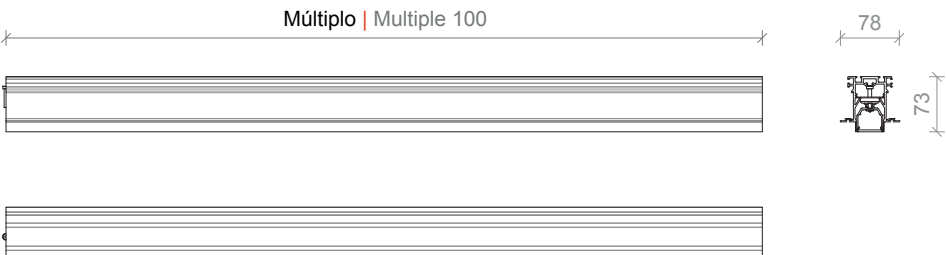


Difusor prismático | Prismatic diffuser

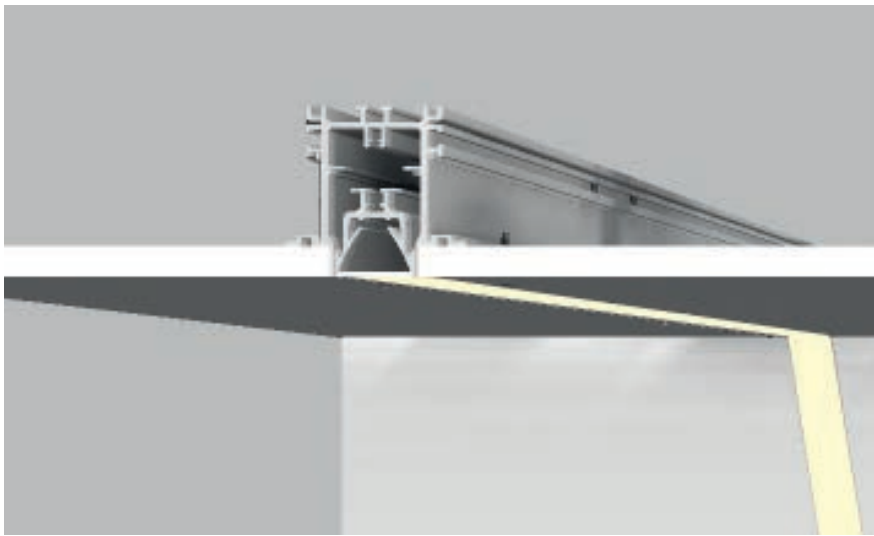
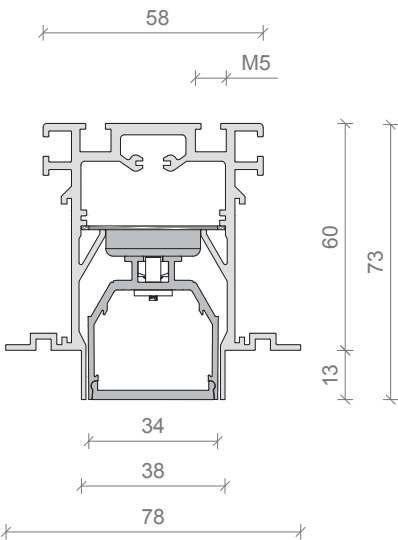
76°



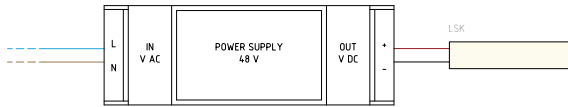
DIMENSIONES | DIMENSIONS mm



Sección perfil sujeción luminaria | Section profile fixture luminaire



Esquema | Diagram ON/OFF



The diagram illustrates a DALI dimming system architecture. On the left, a power supply (24 V) provides input (IN V AC) and output (OUT V DC). This output is connected to a series of four dimming modules, each enclosed in a dashed box:

- Ref. DDC-DIN-005-BAB-WN1:** PWM GENERATOR. Dimm by potentiometer.
- Ref. DDC-DIN-005-BAB-WN1:** PWM GENERATOR. Dimm by 0-10V.
- Ref. DDC-DIN-005-BBB-WN1:** PWM GENERATOR. Dimm by push-button.
- Ref. DER-DIN-005-NNN-WN1:** DALI. Dimm by DALI.

The output of the first PWM generator is connected to a series of three PWM boosters, each in a dashed box:

- Ref. DDB-DIN-005-BAB-WN1:** PWM BOOSTER 1 CHANNEL. Labeled '1'.
- Ref. DDB-DIN-005-BAB-WN1:** PWM BOOSTER 1 CHANNEL. Labeled '2'.
- Ref. DDB-DIN-005-BAB-WN1:** PWM BOOSTER 1 CHANNEL. Labeled 'N'.

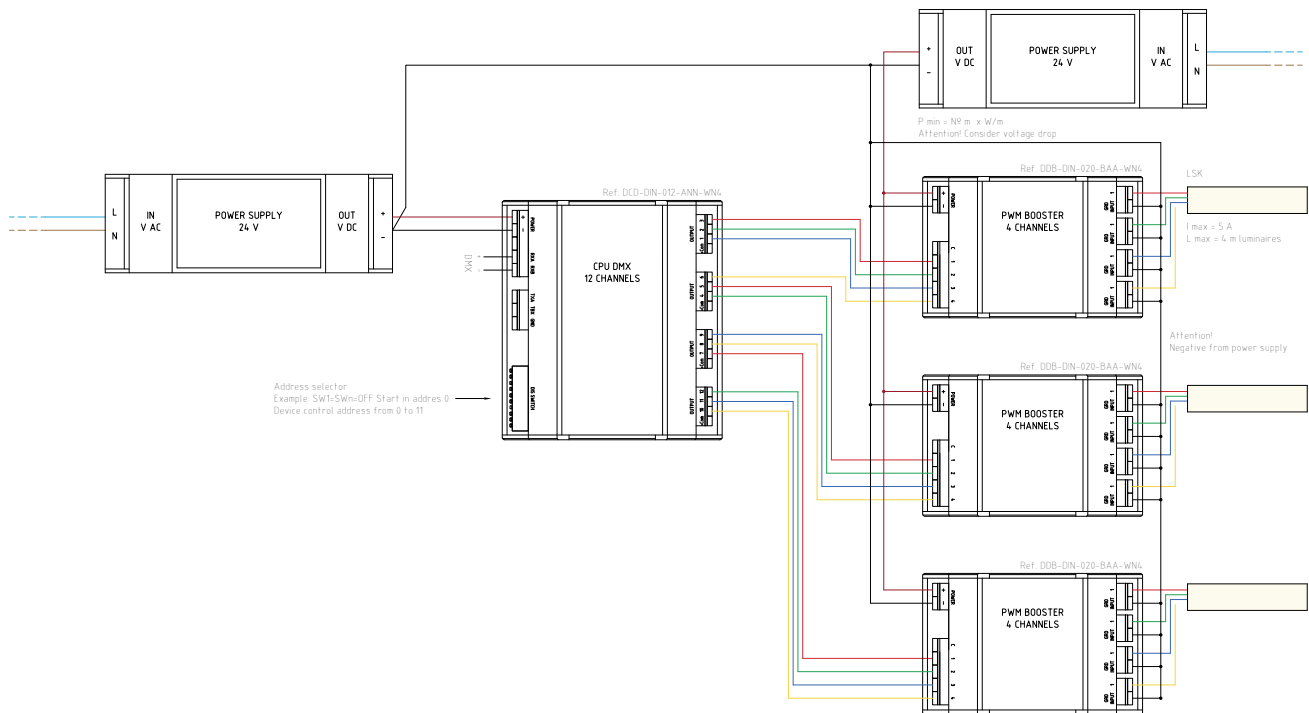
The boosters are connected to a load (LSK) and a power supply (24 V). The power supply has input (IN V AC) and output (OUT V DC). The output of the boosters is connected to the load (LSK). The power supply also provides input (IN V AC) and output (OUT V DC) to the boosters.

Technical specifications and notes:

- Max distance = 100 m to the last luminaire. Values calculated for 2,5 mm² cable section and 25 boosters.
- P min = N boosters x 120 W. Attention: Consider voltage drop.
- I max = 5 A.
- L max = 27 W/m ~ 4 m luminaires.
- L max = 37 W/m ~ 3 m luminaires.
- N - Max 50 boosters.

[illegible]

Esquema | Diagram RGB+White



Esquema | Diagram Tunable white

