

LINE OF EXTREME EFFICIENCY

XOLUTION

BY  SUPRA



www.supralighting.com



LINE OF EXTREME EFFICIENCY
XOLUTION

TECHNICAL DATA SHEET

SLSX by SUPRA is a luminaire from the XOLUTION line, offering extreme efficiency for medium or high mounting installations, with optimal light distribution thanks to its matte opal diffuser.

- Tandem design for in-line installation. Adaptable for surface mounting or suspension.
- Electronic driver that stabilizes voltage, extending the lifespan of the LEDs.
- Cabinet made from high-quality steel sheet, coated with high-reflectivity powder paint that protects against oxidation, with a curved opal diffuser.
- Variety of sizes to adapt to different types of installations.

SUGGESTED USE

Industry
Convenience Stores
Gyms
Exhibition Areas
Hallways



Benefits of our LED lighting



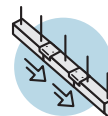
Improves lighting levels



Long lifespan



Minimal maintenance



Tandem connection



More realistic colors

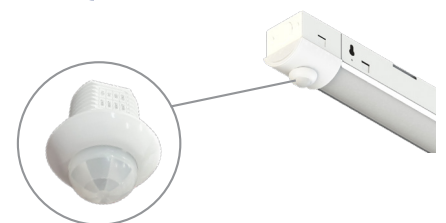


Significant savings on fixed costs



Lower kW/h consumption

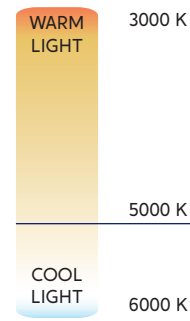
Maximize your savings with



Our lighting control and management system.

SLSX by SUPRA features an optimal Color Rendering Index (CRI) to reproduce colors faithfully and is available in the color temperature of 5000 K:

5000K Cool White provides a bright daylight environment ideal for work areas with medium-high detail.



Electrical Characteristics

- Electronic driver
- Operating voltage: 120 - 277 V~
- Power factor: > 0.98
- Dimming method: 0-10 V
- Dimming range: 10-100%
- Operating temperature: -40°C to 55°C
- Average lifespan: 50,000 hours

Maintained Lumens

High-quality LEDs offer greater energy savings over time because LED degradation is minimal and complies with **IES-LM-79-08**.

- L90(25°C) = 67,000 hrs
L70(25°C) = 83,500 hrs
L90(55°C) = 57,700 hrs
L70(55°C) = 72,000 hrs

Luminous Flux vs Ambient Temperature

The final luminous flux depends on the ambient temperature. Multiply the factor by the output luminous flux of the selected model to apply the correction.

TEMPERATURE	CORRECTION FACTOR
25 °C	1
30 °C	0.98
35 °C	0.97
40 °C	0.97
45 °C	0.96
50 °C	0.95
55 °C	0.95
60 °C	0.94

FAMILY	MODEL	LUMEN CODE	ELECTRICAL @120V				ELECTRICAL @277V			
			VOLTAGE	POWER FACTOR	THD	NOMINAL WATTAGE	VOLTAGE	POWER FACTOR	THD	NOMINAL WATTAGE
SLSX	M2	L07	120 V	0.99	5%	51	277 V	0.96	13%	50
SLSX	M2	L06	120 V	0.99	8%	40	277 V	0.95	12%	40
SLSX	M2	L04	120 V	0.99	6%	30	277 V	0.97	7%	30
SLSX	M4	L08	120 V	0.99	7%	50	277 V	0.96	13%	49
SLSX	M4	L06	120 V	0.99	5%	40	277 V	0.97	12%	39
SLSX	M4	L05	120 V	0.99	7%	31	277 V	0.98	7%	31
SLSX	M8	L16	120 V	0.99	6%	99	277 V	0.97	12%	99
SLSX	M8	L12	120 V	0.99	5%	79	277 V	0.96	10%	79
SLSX	M8	L10	120 V	0.99	6%	59	277 V	0.98	11%	59

Tandem

To join luminaires in a row, three different models are available to achieve an effective SLSX tandem connection.

In the same way as the individual product, tandems can be installed suspended or surface-mounted on the ceiling.

For a tandem connection, a minimum of two luminaires is required: TI and TF.



START (TI)



MIDDLE (TM)

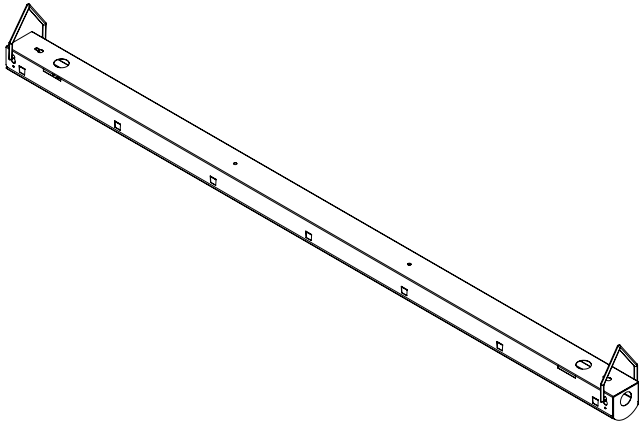


END (TF)

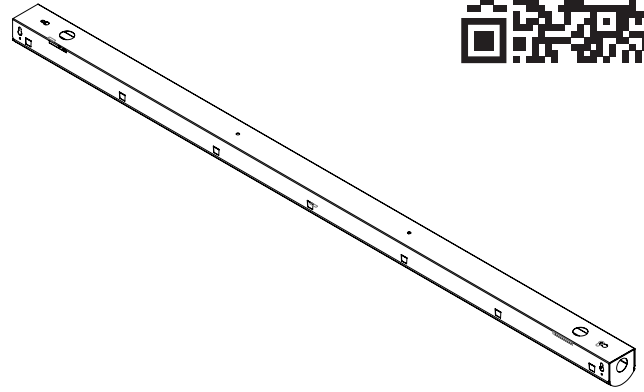
Installation

Adaptable for surface installation and for suspension with steel cable.

Installation Manual

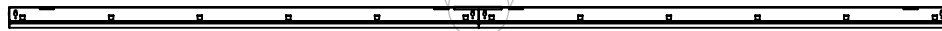
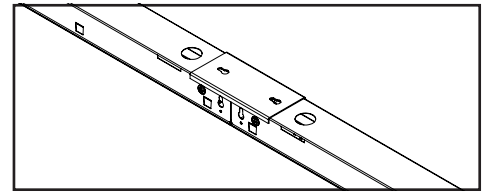
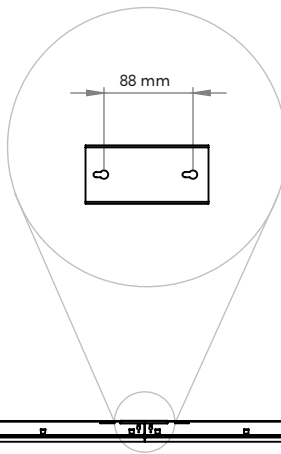
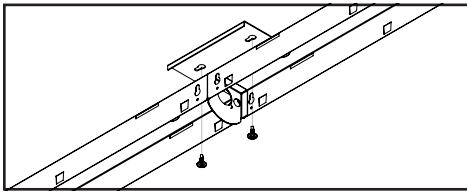


SUSPEND (CA)



SURFACE MOUNT (SP)

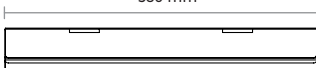
Tandem connection



Dimensions

M2

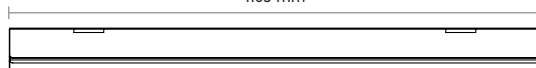
586 mm



Weight: 1.1 kg

M4

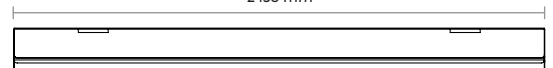
1165 mm



Weight: 2 kg

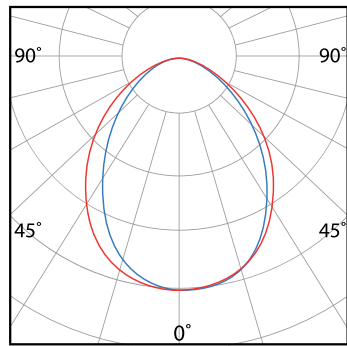
M8

2438 mm



Weight: 2 kg

LIGHT DISTRIBUTION



cd/klm — C0 - C180 — C90 - C270

Open distribution with matte opal cover



Improve the Efficiency of your Manage and control your lighting



SupraLink

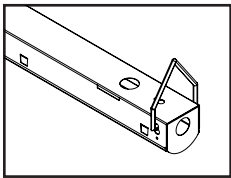
70% SAVINGS
in electrical energy

- ✓ Complies with ISO 50001
- ✓ Reduces your carbon footprint
- ✓ Extends the lifespan of your luminaires

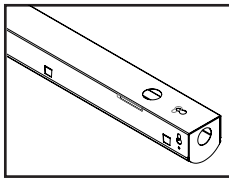


ACCESSORIES AND OPTIONS

Mounting



Suspended with cable (CA)



Surface-mounted on ceiling (SP)

Sensors

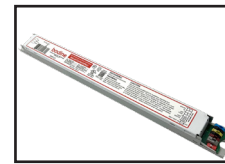


Presence sensor (SSDL MHB)



SupraLink (SLMB)

Driver

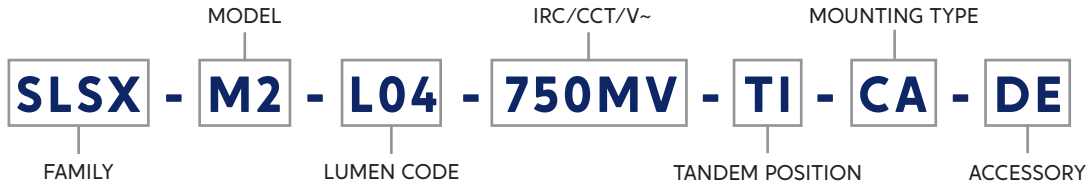


Emergency driver (DE)

VALUE TABLE CCT 5000 K (850)

FAMILY	MODEL	LUMEN CODE	CRI	LUMINOUS FLUX	VOLTAGE	WATTS	EFFICACY
SLSX	M2	L07	≥70	7,900 lm	277 V	50 W	156 lm/W
SLSX	M2	L06	≥70	6,380 lm	277 V	40 W	160 lm/W
SLSX	M2	L04	≥70	4,850 lm	277 V	30 W	162 lm/W
SLSX	M4	L08	≥70	8,112 lm	277 V	49 W	165 lm/W
SLSX	M4	L06	≥70	6,539 lm	277 V	39 W	167 lm/W
SLSX	M4	L05	≥70	5,218 lm	277 V	31 W	168 lm/W
SLSX	M8	L16	≥70	16,224 lm	277 V	100 W	164 lm/W
SLSX	M8	L12	≥70	13,078 lm	277 V	80 W	166 lm/W
SLSX	M8	L10	≥70	10,037 lm	277 V	60 W	170 lm/W

Example Order:



Series to Order:

SLSX

FAMILY	MODEL	LUMEN CODE	IRC / CCT / V~	TANDEM POSITION	MOUNTING TYPE
SLSX: Series	M2: 586 mm	L07: ≥7,000 lm L06: ≥6,000 lm L04: ≥4,000 lm	750: 70 IRC / 5000 K MV: 120-277 V~	TI: Tandem start TM: Tandem middle TF: Tandem end If an individual luminaire is required, leave this field blank.	SP: Surface mount CA: Suspend with steel cable
	M4: 1165 mm	L08: ≥8,000 lm L06: ≥6,000 lm L05: ≥5,000 lm			
	M8: 2438 mm	L16: ≥16,000 lm L12: ≥12,000 lm L10: ≥10,000 lm			
	Nota: Milímetros de largo				

ACCESSORIES

DE: Emergency Driver
SLMB: SupraLink for mid-mounting
SSDLMMB: Mid-mount presence sensor

Note1: This field is optional. Accessories have an additional cost. These accessories are not compatible with each other.

Note2: The TANDEM option is defined in the TANDEM POSITION code. If this option is not required, this field is left blank.



SUPRA guarantees the quality of this product for 10 years against internal functionality failures, as long as our established warranty policies are followed. This warranty applies to all our direct customers. For more information, visit our website: <https://supralighting.com/resources/terms#>

Corporate Headquarters:
500 W 2nd St
Floor 19
Austin, TX 78701



The images and the information contained in this document may change. Please consult your SUPRA Advisor before placing your order.