



TECHNICAL SHEET

GST by SUPRA is designed to meet the expectations and demands of the industry. Ideal LED luminaire for areas with higher control thanks to its protection grade and glass cover.

- High-pressure die-cast aluminum, high durability, and corrosion resistance IP66. Finished with high-thickness electrostatic powder coating, baked with polyester epoxy coating.
- Concave borosilicate prismatic glass, with high light transmittance.
- Easy installation, designed for mounting in outdoor areas.
- Long-life and high-performance electronic driver.

SUGGESTED USE

- Gas stations
- Warehouses
- Parking lots
- Exhibition areas



Benefits of Our LED Lighting



Improves lighting levels



Long lifespan



Minimal maintenance



High protection level



Great savings on fixed costs



Impact resistant (IK09)



High degree of protection (IP66)

Maximize Your Savings with

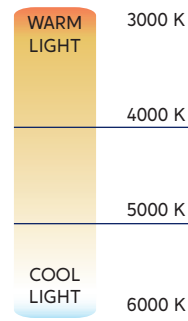


Our lighting control and management system.

GST by SUPRA has a high Color Rendering Index (CRI) to faithfully reproduce colors and is available in two color temperature options (K):

4000K Neutral White provides a natural brightness ideal for common areas and medium-detail work areas.

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



Electrical Characteristics

- Advance electronic driver
- Operating voltage: 120-277 V~
- Line protection: 6 kV
- Dimming method: 0-10 V (DC)
- Dimming range: 10-100%
- Operating temperature: -40°C to 50°C
- Relative humidity: 10-95%
- Average lifespan: 100,000 hours

Lumen Maintenance

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

- L90(25°C) = 70,000 hrs
- L70(25°C) = 240,000 hrs
- L90(45°C) = 60,000 hrs
- L70(45°C) = 200,000 hrs

Luminous Flux vs Ambient Temperature

The final luminous flux depends on the ambient temperature. Multiply the factor by the selected model's output luminous flux to make 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	LUMEN CODE	ELÉCTRICO @120V				ELÉCTRICO @277V			
		VOLTAGE	FP	THD	NOMINAL WATTAGE	VOLTAGE	FPV	THD	NOMINAL WATTAGE
GST	L19	120 V	0.99	6%	128	277 V	0.97	10%	128
GST	L18	120 V	0.99	6%	122	277 V	0.97	10%	122
GST	L15	120 V	0.99	8%	114	277 V	0.97	15%	114
GST	L12	120 V	0.99	8%	73	277 V	0.98	9%	73

Installation

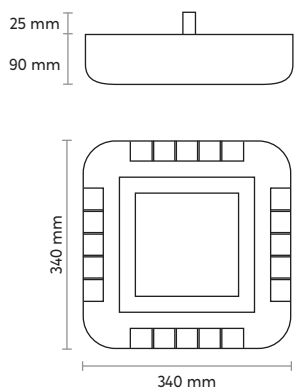
Mount on the roof. Fastening with an integrated screw and nut. Suitable for indoor and outdoor use with a roof.



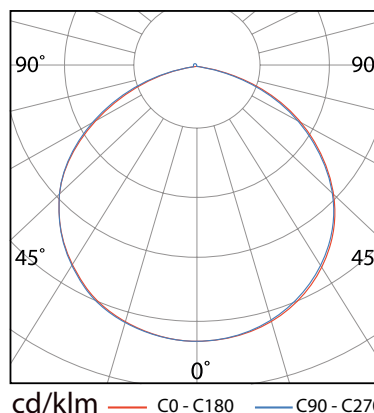
Installation Manual



Dimensions



LIGHT DISTRIBUTION



**Improve the Efficiency of your
Manage and control your lighting**



SupraLink

**70% ELECTRIC
Energy Savings**

- ✓ Accredited for ISO 50001
- ✓ Reduces your carbon footprint
- ✓ Extends the lifespan of your luminaires



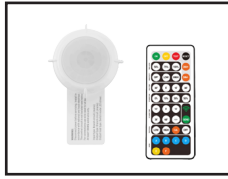
ACCESSORIES AND OPTIONS

Mounting



Surface-mounted on the ceiling

Sensors



Presence sensor (SSDLMHB)



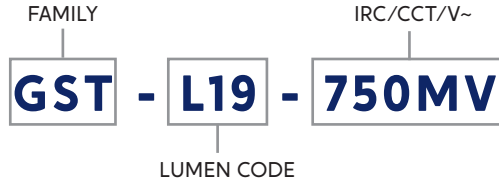
SupraLink (SLHB)

Value Specification 5000 K (750)

FAMILY	LUMEN CODE	CRI	LUMINOUS FLUX	VOLTAGE	WATTS	EFFICACY
GST	L19	≥70	19,792 lm	277 V	128 W	155 lm/W
GST	L18	≥70	18,286 lm	277 V	122 W	150 lm/W
GST	L15	≥70	15,514 lm	277 V	114 W	136 lm/W
GST	L12	≥70	12,335 lm	277 V	73 W	169 lm/W



Example Order:



Series to Order:

GST

FAMILY	LUMEN CODE	IRC / CCT / V~
GST: Series	<p>L19: ≥19,000 lm</p> <p>L18: ≥18,000 lm</p> <p>L15: ≥15,000 lm</p> <p>L12: ≥12,000 lm</p>	<p>750MV: 70 IRC, 5000K y 120-277 V~</p> <p>740MV: 70 IRC, 4000K y 120-277 V~</p>



SUPRA guarantees the quality of this product for 10 years against internal functionality failures, provided our established warranty policies are followed. This warranty is applicable to all our direct customers. For more information, please visit our website www.supradesarrollos.com/garantia

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The images as well as the information contained in this document may undergo changes. Please consult your SUPRA Advisor before placing your order.

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