

SupraLink



PV200L
DUST AND MOISTURE
PROOF LUMINAIRE

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 **SUPRA**

www.supralighting.com

PV200L

DATASHEET
DUST AND MOISTURE PROOF LUMINAIRE

Illuminate your space with the PV200L dust and moisture-proof luminaire. This robust and reliable luminaire is designed to provide superior lighting for applications that demand a high degree of protection.



Applications

- Food industry
- Cold rooms
- Underground parking
- Laboratories
- Workshops

Certifications

- NOM
- IP65 Rated



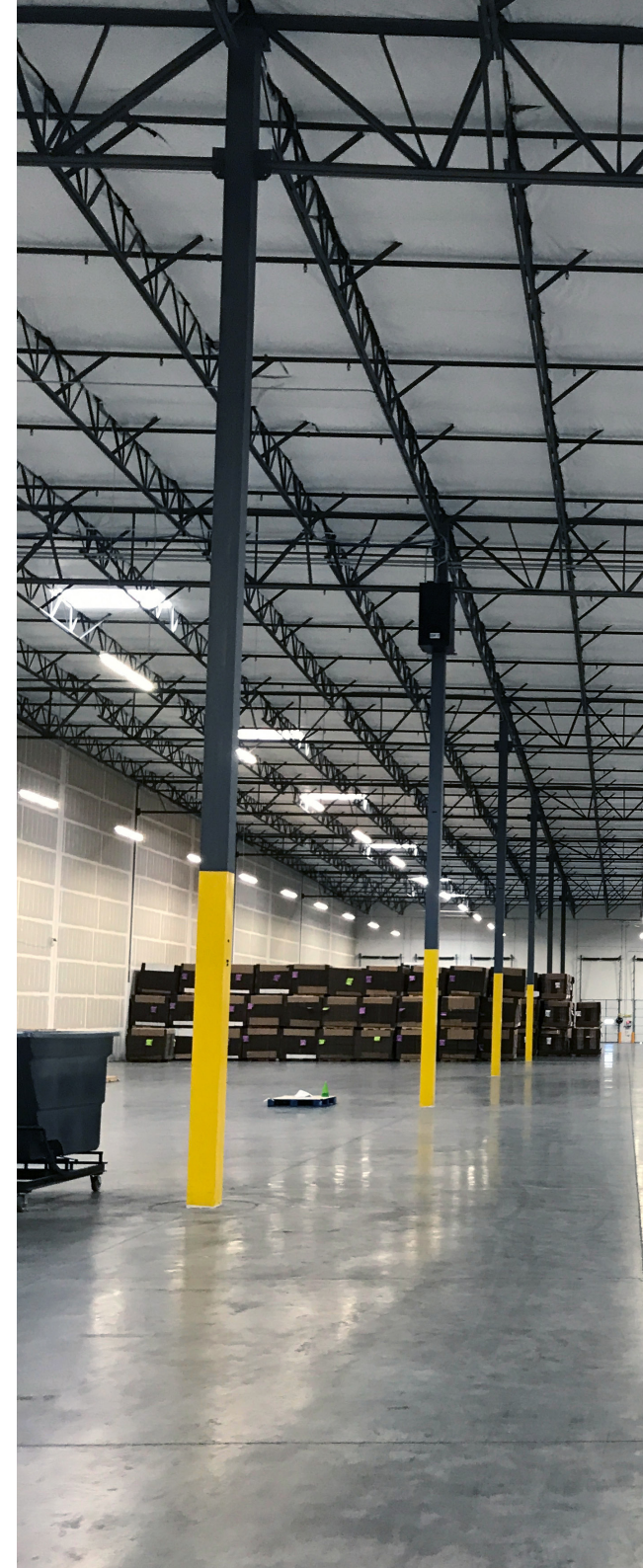
Wireless Controls

Available wireless controls option includes the integrated SupraLink sensor programmable remotely through Bluetooth using the smartphone app.

Warranty

5-year warranty provided the specifications in the product installation manual have been followed. All other express or implied warranties are disclaimed.

Note: Actual performance may vary with end-user environment and application.





PV200L

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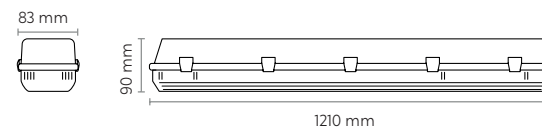
Installation

Suitable for suspension and surface mounting.



Dimensions

Weight: 155 kg



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Electrical Specifications

- Operating Voltage: 120 - 277 V~
- Power Factor: > 0.90
- Average Life: 50,000 hours
- Operating Temperature:
40°C to +45°C
- Color Temperature: 5000 K

Maintained Lumens

- L90 > 47,700 hrs.
- L70 > 54,000 hrs.



FAMILY	LUMEN CODE	ELECTRIC @120V				ELECTRIC @277V			
		VOLTAGE	PF	THD	NOMINAL WATTAGE	VOLTAGE	PF	THD	NOMINAL WATTAGE
PV200L	L01	120 V	0.99	8%	14	277 V	0.96	9%	14
PV200L	L02	120 V	0.99	6%	18	277 V	0.97	8%	18
PV200L	L03	120 V	0.99	7%	28	277 V	0.96	11%	27
PV200L	L05	120 V	0.99	9%	36	277 V	0.97	5%	36
PV200L	L06	120 V	0.99	5%	49	277 V	0.98	8%	48
PV200L	L08	120 V	0.99	5%	60	277 V	0.98	9%	60



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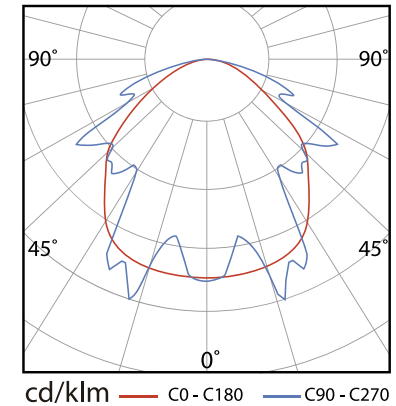
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Luminous Flux vs. Ambient Temperature

The final luminous flux depends on the ambient temperature where the luminaire is placed. Multiply the factor by the luminous flux of the selected model 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

Light Distribution



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Performance Information

FAMILY	LUMEN CODE	CRI	CCT	LUMINOUS FLUX	VOLTAGE	WATTAGE	EFFICACY
PV200L	L01	≥80	5000 K	1918 lm	277 V	14 W	137 lm/W
PV200L	L02	≥80	5000 K	2448 lm	277 V	18 W	136 lm/W
PV200L	L03	≥80	5000 K	3753 lm	277 V	27 W	139 lm/W
PV200L	L05	≥80	5000 K	5076 lm	277 V	36 W	141 lm/W
PV200L	L06	≥80	5000 K	6672 lm	277 V	48 W	139 lm/W
PV200L	L08	≥80	5000 K	8520 lm	277 V	60 W	132 lm/W

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Order Information

Example Order:

① ② ③ ④ ⑤
PV200L-L01-850-MV-SLHB

Codes:

① **Family**
PV200L

② **Lumen Code**
L01: $\geq 1,918$ lm
L02: $\geq 2,448$ lm
L03: $\geq 3,753$ lm
L05: $\geq 5,076$ lm
L06: $\geq 6,672$ lm
L08: $\geq 8,520$ lm

③ **Color Code**
850: CRI: 80 CCT: 5000 K

④ **Voltage**
MV: 120 - 277 V~

⑤ **Accessories**
ED: Emergency Driver
WMS: Wide Motion Sensor
SLHB: SupraLink High Bay
SLMB: SupraLink Medium (and low) Bay

Contact

Corporate Headquarters:

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Floor 19

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Manufacturing Facility:

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