EPLL01 Series

Hazardous Location LED Linear Luminaires

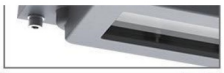


SNOWBALL
LIGHTING INCORPORATED

SIGMALUX
COMMERCIAL LIGHTING

Hazardous Location LED Linear Luminaires (EPLL01)









EPLL01 SERIES
HAZARDOUS LOCATION LED LINEAR LUMINAIRES

Product description

This hazardous location LED luminaire features extremely sturdy circuit devices and fully sealed electrical components. In addition to being able to withstand severe vibration and shock resistance, it can also prevent any corrosion that may lead to electrical failure. Therefore, the explosion-proof linear lamp has long service life, low maintenance requirements and low energy consumption.
Copper-free aluminum alloy body powder sprayed for increased durability and aesthetics. The combination of special heat dissipation design and LED technology enables the lamp to achieve an excellent 50,000 hour rated life and 80% lumen retention rate. Linear lights in hazardous areas also have multi-voltage capabilities. They can operate at 100-277 VAC, 50/60Hz without additional special ballasts, and have emergency options and installation options.
A variety of lamp combinations can meet different lighting needs, up to 72000LM.

Features

- Patent designed to be Curved Fin Shape,maximize the best heat transmit.
- Housing -Aluminum alloy (ADC12).
- Lens -tempered glass shock & vibration resistant, Super clear,>90% light transmit.
- LED: LM80 certified, high efficacy, low decay, long lifespan.120 lm/W ±5, up to 72000lm.
- Meanwell LED Driver,>90% driver efficacy.
- Circuit design: 4KV/6KV Surge Protection power supply.
- Protection: IP67,high protection grade for waterproof and dust-proof.

Certification

NEC/CEC:
- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- T-Class: T3,T4A,T5
- Damp and wet locations
- Certification body:UL
- Certification Mark:CUL
- Certificate No:E475887

Standard :
US: UL 844; UL 1598;
Canada: CSA C22.2 No. 137;
CSA C22.2 No. 250.0;

Application

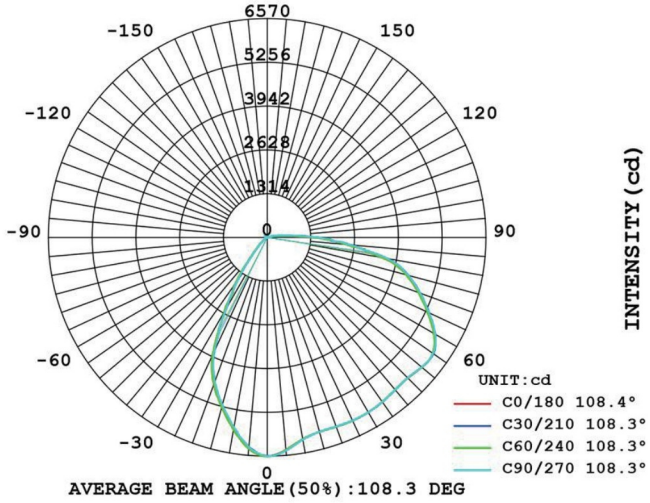
Wastewater treatment, oil and gas refineries, drilling rigs, offshore platforms, petrochemical facilities, chemical plants, coal mines, aviation bases, food plant, Pharmaceutical plant, beverage facilities, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.

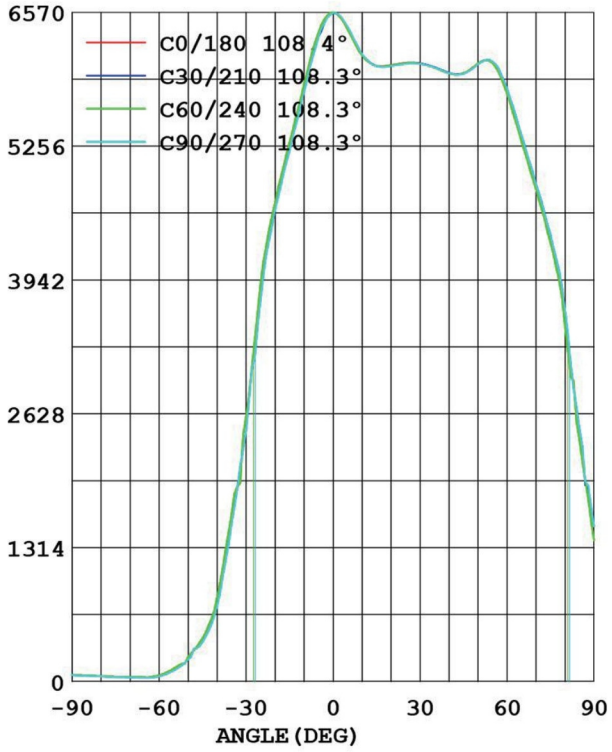
Warranty

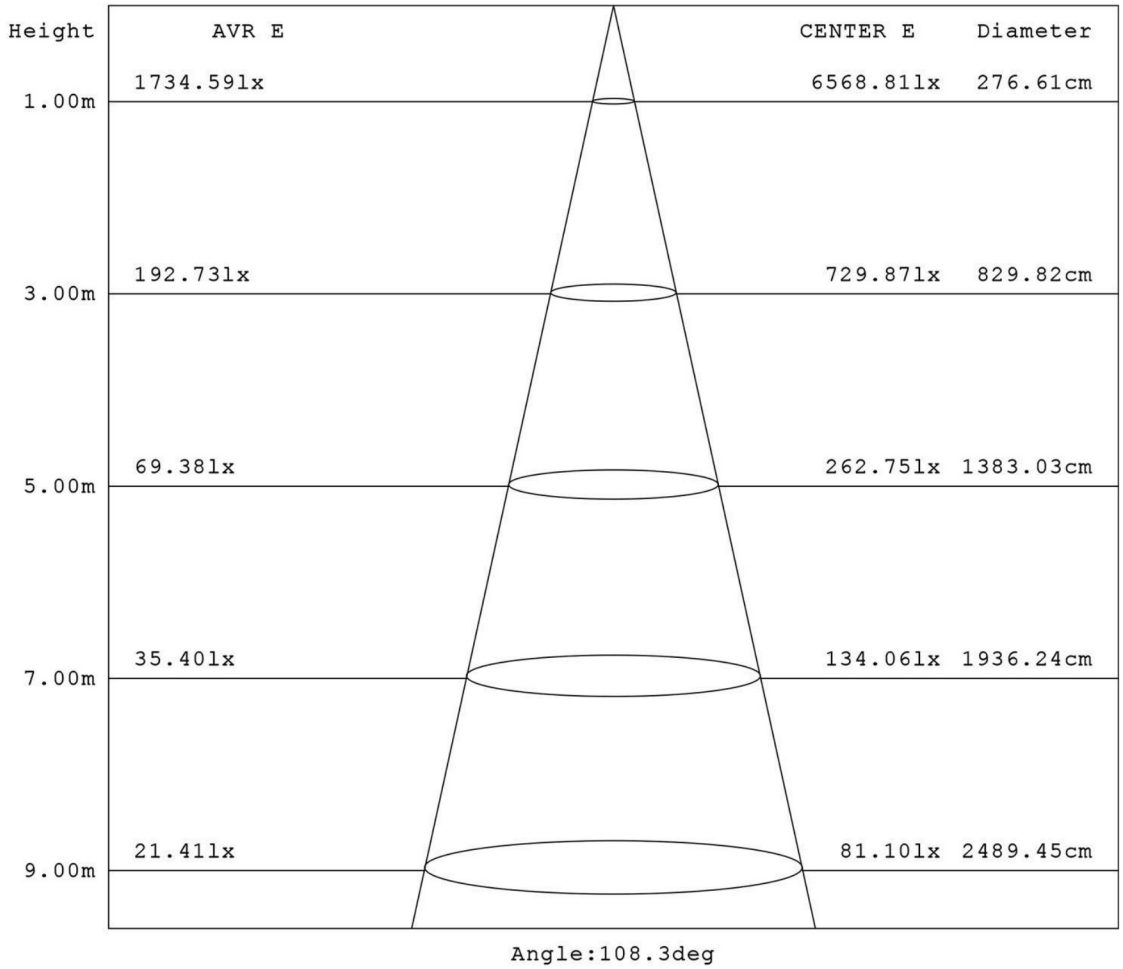
5-Year Standard Warranty

IP67

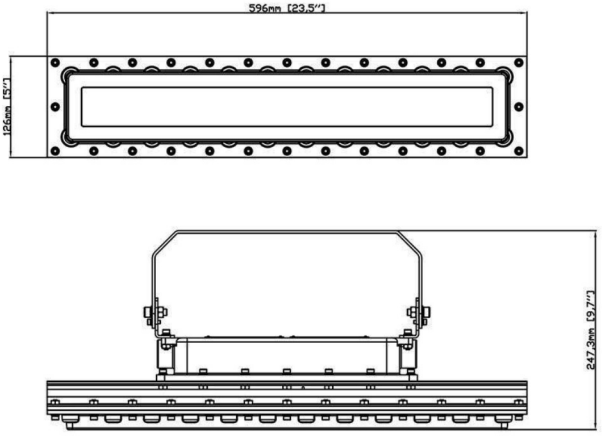
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Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EPLL01-60W	596×126×114mm/23.5×5×4.5"	670×220×225mm/26.4×8.7×8.9"	1	8.25 kg/18.2 lbs	9.15 kg/20.2 lbs

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Product Model	SB-EPLL01-60W-XX-XXK
Type	LED Explosion proof Flood Light
Light efficiency (Lm/W)	120 lm/W
Power(W)	60W
Voltage-Frequency	100-277Vac 50-60Hz
Color Temp	5000K
CRI(Ra)(typ.)	≥70
Luminous Flux (lm)	4800-72000
Power Supply	Meanwell HLG Series
Beam Angle	90°, 110°
Power Factor	>0.95
Rated Lifetime-L70 (hrs.)	50,000
THD	<10%
Operating temperature	
Entry Size	M25X1.5 (Standard), M26X1.5 or NPT 3/4"-14 (Optional)
Cable	STOW, UL certification, 3x18AWG with 0.5m cable (standard)

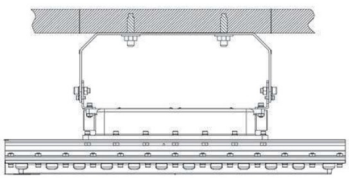
SB-EPLL01-80/100/120W-XX-XXK

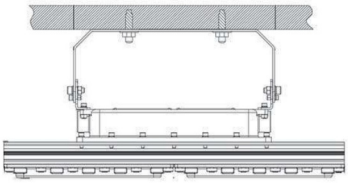
Hazardous Location LED Linear Luminaires (EPLL01)



CES-EX-LN-02-40~60

Hazardous Location LED Linear Luminaires (EPLL01)





A、Ceiling mount