SNOWBALL
LIGHTING INCORPORATED

SIGMALUX
COMMERCIAL LIGHTING

Hazardous Location LED Luminaires (EPLL02)



EPLL02 Series
LED Luminaires

UL HazLoc

Hazardous Location LED Luminaires (EPLL02)

gases are present.

- Available from 30W (⩾3,600lm) - 75W (⩾9,000lm);
- Offered with 4 mounting options: Ceiling Mounting ,Pendant Mounting , Pendant Chain Mounting , Wall Mounting, Pole Mounting;
- Wide optics for uniform illumination;
- Entry Size: 3/4"-14 NPT or M25 X1.5 or M26 X1.5;
- 50,000+ hours LED lifespan;

- **Class I, Division 2, Groups A, B, C and D;**
- **Damp and wet locations;**

Standard :

US: UL 844; UL 1598;

Canada: CSA C22.2 No. 137; CSA C22.2 No. 250.0;



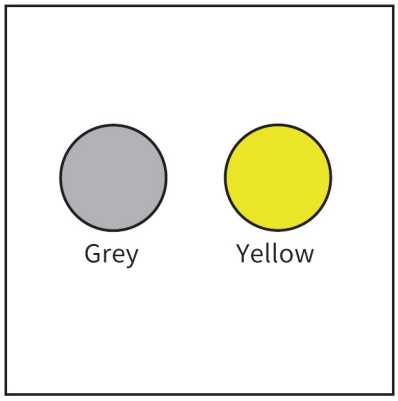
Standard product picture



SB-EPLL02-(40-75W)



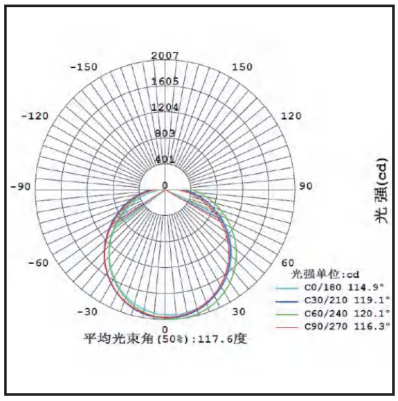
SB-EPLL02-(30-50W)



Yellow/grey available
(grey has no texture)



The EPLL02 is a complete cut-off, fully shielded area light that minimizes glare, while reducing light trespass. (The maximum luminous beam angle 120°)



Photometric Data (120°)

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Operating temperature: -40°C to +55°C (-40°F to 131°F)

LEDs:
Long-life, high-efficiency, surface mount LEDs

Drivers(s):
Class 2, 50/60Hz. 100 - 277V, 4kV standard, 6kV optional surge protection

Lifespan:
50,000+ hours LED lifespan based on IES LM-80 results & TM-21 calculations at 25°C, and ERP>6000h

IP Rating:
IEC60598 Ingress Protection rating of IP66 for dust and water

Housing:
Die-cast aluminum housing

Mounting:
Ceiling Mounting ,Pendant Mounting , Pendant Chain Mounting , Wall Mounting, Pole Mounting

Lens:
High transmittance tempered glass

Effective Projected Area:
EPA = 0.61

CCT:
Available in 3000K-6500K color temperature

CRI:
CRI ⩾70

Beam angle:
The maximum luminous beam angle 120°

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 5-years period

perature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ERP C78.377-2017.

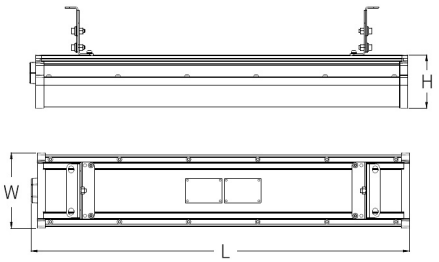
Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components

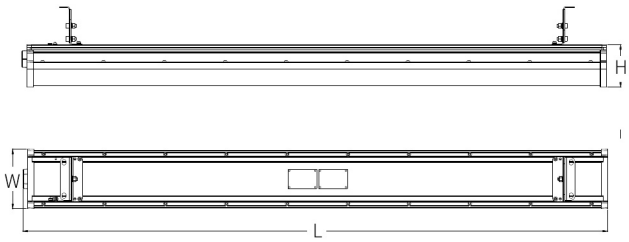
IESNA LM-79 Testing:
EPLL02 LED luminaires have been tested by an independent laboratory in accordance with IESNALM-79 and IEC60598

Product size:

Series models	Size(L×W×H)
SB-EPLL02-60W	1229×125×88.7 mm/48.4×4.9×3.5"



SB-EPLL02-30-50W



SB-EPLL02-40-75W

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ProductModel	SB-EPLL02-(60W)-120°-XXK
Type	LED Explosion proof Linear Light
Mounting	Ceiling Mounting / Pendant Mounting / Pendant Chain Mounting / Wall Mounting/Pole Mounting
Power (W)	60W
Voltage - Frequency	100-277Vac 50-60Hz
CCT	5000K
CRI (Ra) (typ.)	⩾70
Luminous Flux (lm)	120~140lm/W
Bare Lamp efficacy (LPW)	140
Beam Angle	120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	50,000
Product Size (L×W×H)	1229×125×88.7 mm/48.4×4.9×3.5"
Housing	ADC12 and 6063 Aluminum+PC

Packaging

Product Model	Product Size (L×W×H)	Carton Size	QTY/CTN	Net Weight	Gross Weight
SB-EPLL02-60W	1229×125×88.7 mm/48.4×4.9×3.5"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb

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