



EPLL02 SERIES
**EXPLOSION PROOF
LED LINEAR LUMINAIRES**



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Product description

The EPLL02 is a ATEX IECEx Zone 1 Zone 21 explosion-proof LED linear fixture that replaces the traditional explosion-proof fluorescent lamp and explosion-proof triple proof lamp. High lumen, low power consumption, energy saving. High strength aluminum alloy enclosure, resistant to shock and vibration. High transparent PC cover reduces direct visual contact with the light source. Can use for marine environment.

Features

- Patent designed for explosion-proof protection performance. Aluminum alloy body, maximize the best heat transmit.
- PC cover, excellent anti-corrosion performance Shock & vibration resistant, Anti-gare, >90% light transmit.
- Perfect to replace the traditional explosion-proof fluorescent light lamp shape.
- LED: LM80 certified, 120-140 lm/W, up to 14000 lumen flux.
- High Efficiency LED driver, more than 50000 hours lifespan.
- Circuit design: 4KV/6KV Surge Protection power supply.
- Protection: IP66, high protection grade for waterproof and dust-proof.

Certification

ATEX:

- Ⓜ II 2G Ex eb mb IIC T5 Gb;
- Ⓜ II 2D Ex tb IIIC T75 °C Db;
- IP66;
- Certificate No: SEV 21 ATEX 0578 X;

IECEx:

- Ex eb mb IIC T5 Gb;
- Ex tb IIIC T75 °C Db;
- IP66;
- Certificate No: IECEx SEV 21.0038X;

Application

Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor or indoor mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.

Warranty

5-Year Standard Warranty

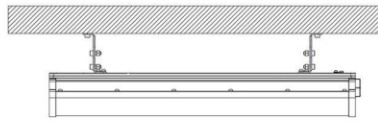


(Please see the specification of UL HazLoc version)

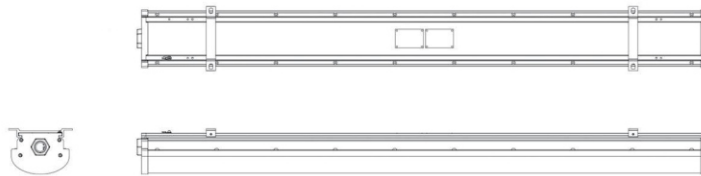
EPLL02 Series

Explosion Proof LED Linear Luminaires

Installation method



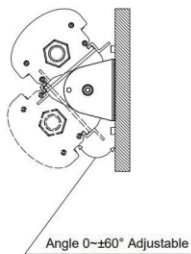
A.Ceiling mounting



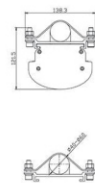
B.Pendant mounting



C.Pendant chain mounting



D.Wall mounting

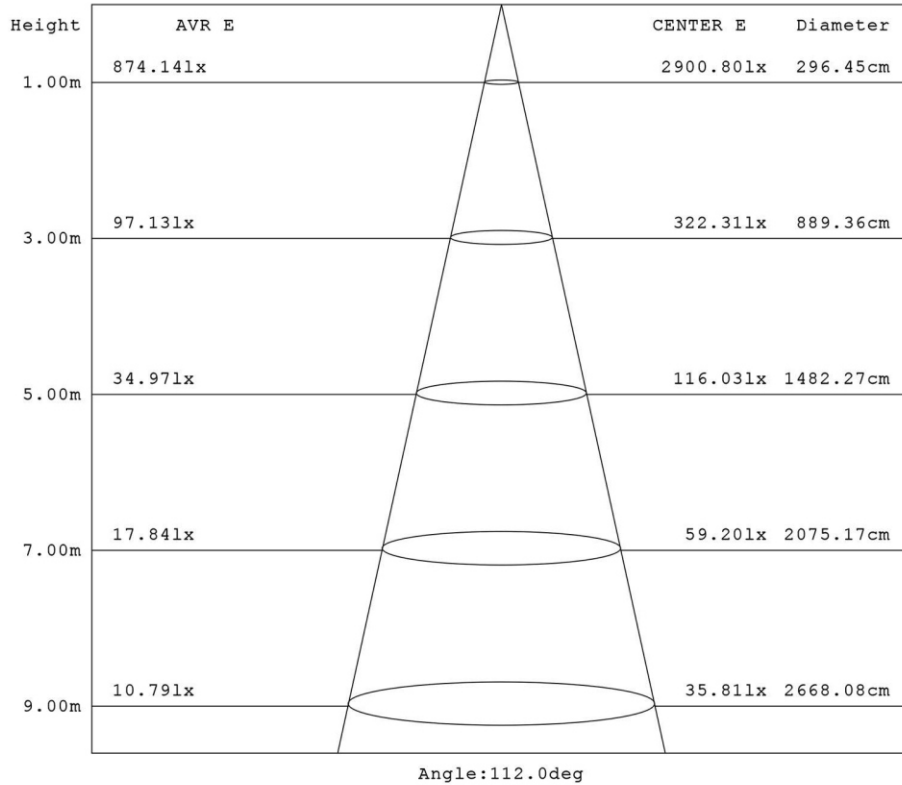
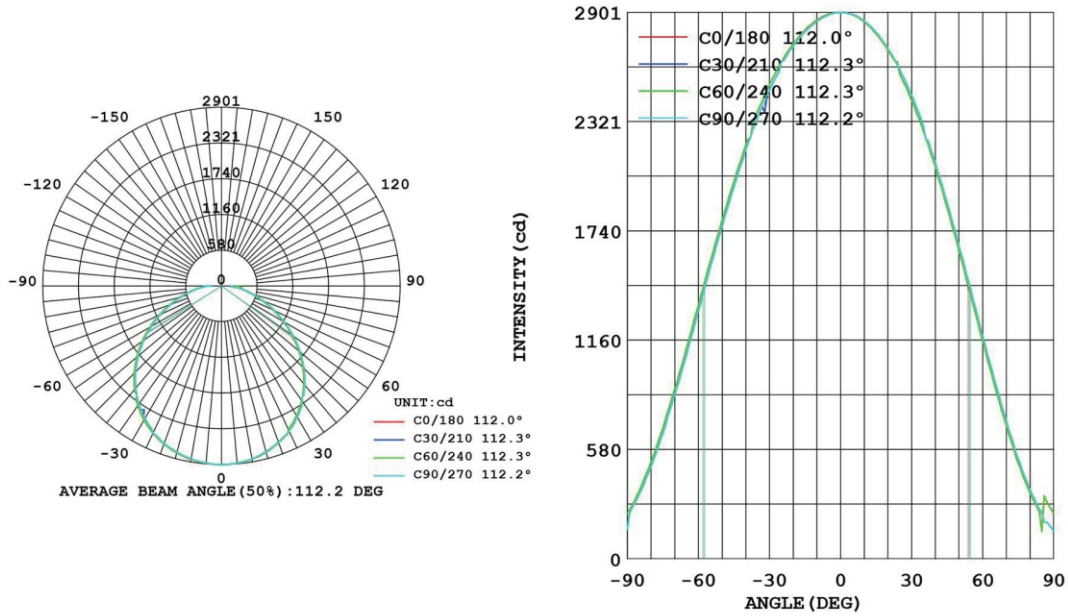


E.Pole Mounting

EPLL02 Series

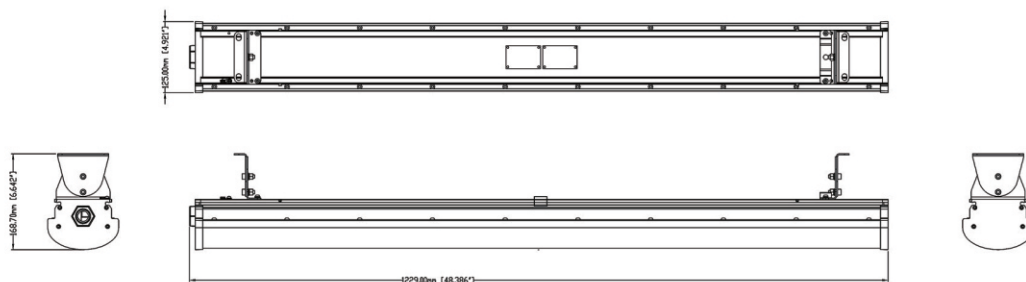
Explosion Proof LED Linear Luminaires

LightingDistribution



EPLL02 Series

Explosion Proof LED Linear Luminaires



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
EPLL02-40W	1229×125×168.7 mm / 48.4×4.9×6.6"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb
EPLL02-30W	1229×125×168.7 mm / 48.4×4.9×6.6"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb
EPLL02-60W	1229×125×168.7 mm / 48.4×4.9×6.6"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb
EPLL02-10W	1229×125×168.7 mm / 48.4×4.9×6.6"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb
EPLL02-80W	1229×125×168.7 mm / 48.4×4.9×6.6"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb
EPLL02-100W	1229×125×168.7 mm / 48.4×4.9×6.6"	1380×185×145 mm/54.3×7.3×5.7"	1	7.7 KG / 17 lb	8.5 KG / 18.7 lb

Technical parameter

ProductModel	SS-EPLL02-40-100W-XX-XXX
Type	LED Explosion proof Linear Light
luminous efficiency	120-140lm/W
Power (W)	100W / 80W / 70W / 60W / 50W / 40W
Voltage - Frequency	12-24VDC/100-277Vac 50-60Hz
Color Temp	Provides 3000K to 6500K
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	120°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	50,000
THD	< 10%
Operating temperature	-40 °C to +50 °C
Entry Size	3/4"-14 NPT or M25 X1.5 or M26 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

*Emergency optional: Emergency power: 12W Emergency time: ≥90min Battery: Li-Ion battery- 11.1V/2500mAH

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Explosion Proof LED Linear Luminaires

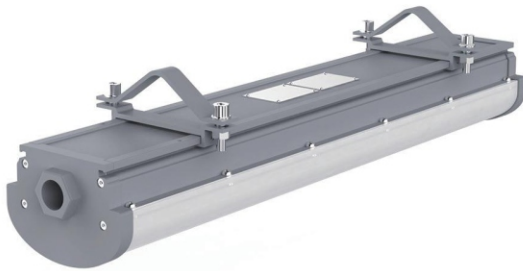
Product display



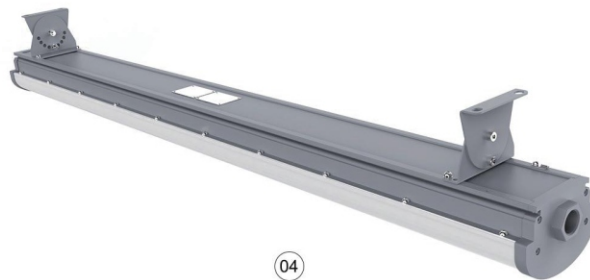
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02



03



04

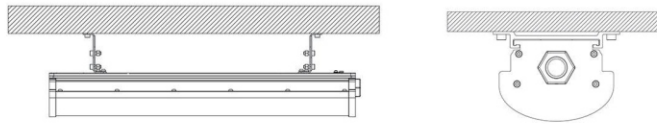


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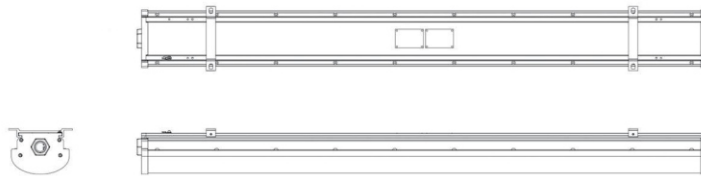
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Explosion Proof LED Linear Luminaires

Installation method



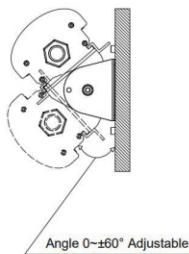
A.Ceiling mounting



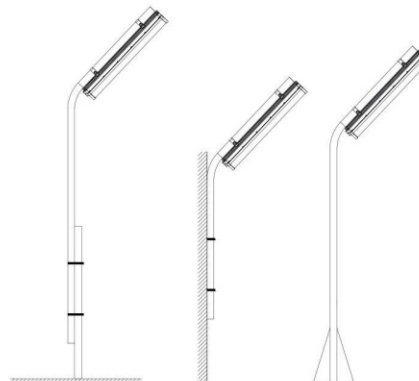
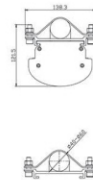
B.Pendant mounting



C.Pendant chain mounting



D.Wall mounting



E.Pole Mounting