

Ex

LED EXPLOSION-PROOF LIGHT

EPL09 Series



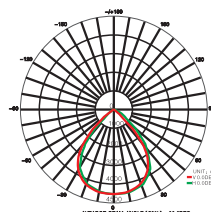
Applications

Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base, etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.

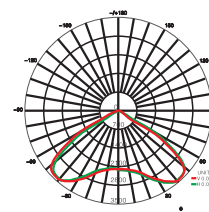
Features

- Patented design for heat dissipation to ensure life of light source up to 50000 hours.
- Bridgelux LED chip; die casting aluminum housing, with anti-static and anti-corrosion powder painting, high explosion proof grade of flameproof type; dust-proof, waterproof, lens made of high tempered glass which are specially designed and have different choices beam angle.
- Low power consumption while high light efficiency, power consumption just 20% as much as high pressure sodium lamp, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Advanced quadratic light distribution design result in high uniformity of illumination and good lighting quality, clear lighting effect without a double image.
- Beautiful appearance, several types of installation methods available.

Rated Power	120/130/150/160/180/200W
Ex mark	Ex dIIB T5 Gb/Ext IIIC T95°C Db
IP Grade	IP66
Corrosion-proof Grade	WF2
Input Voltage	AC110/220V(applied to 90 ~ 305V)
Input Frequency	50/60HZ
Beam Angle	90° /120°
Actual Luminous Efficiency	110-120 lm/W
Color Temperature	Warm white: 2700 ~ 4500K/Pure white 5000 ~ 6500K
CRI	> 70
Power Factor	>0.9
Ambient Temperature	-40 ~ 60°C
Lifetime	> 50,000hrs
Net Weight	9.0Kg
Dimension	400 × 400 × 226mm
Packing size	380 × 380 × 320mm

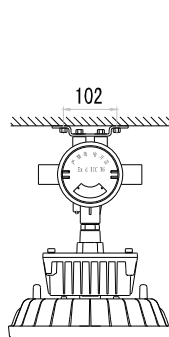


90° Light distribution curve

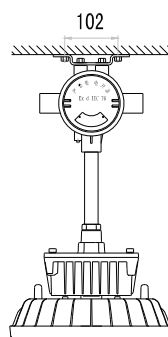


120° Light distribution curve

Examples of mounting

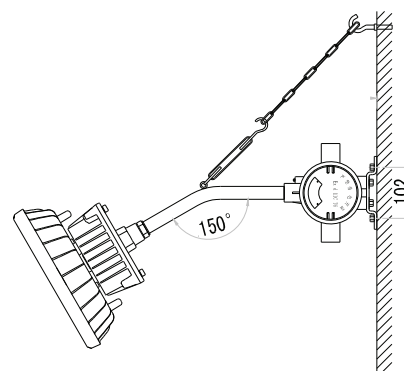


Ceiling

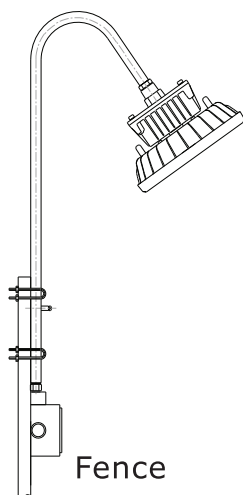


Ceiling

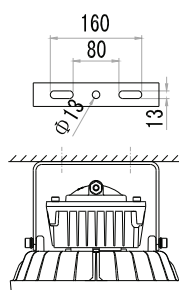
(Suspension boom)



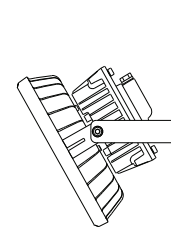
Wall



Fence



Ceiling



Wall