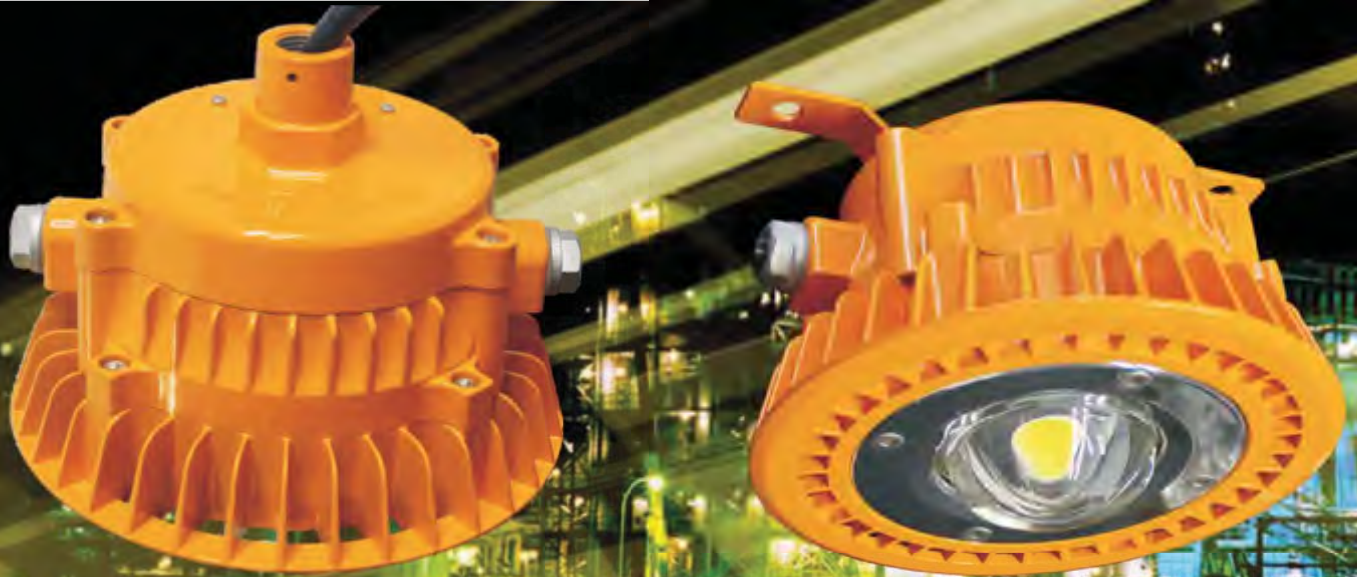


EX

LED EXPLOSION-PROOF LIGHT

EPL01 Series



EPL01A(Flange)

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

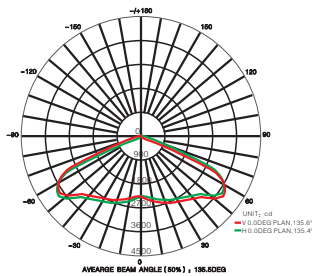
- Patented design for heat dissipation to ensure life of light source up to 50000 hours.
- Bridgelux LED chip; die casting aluminum housing,, with anti-static and anti-corrosion powder painting, high explosion proof grade of flameproof type; dust-proof, waterproof, lens made of high tempered glass which special designed to different 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.

EPL01B(Bracket)



Rated Power	15/20/25/30W
Ex mark	E Ex dIIC T6
IP Grade	IP67
Corrosion-proof Grade	WF2
Input Voltage	AC110/220V(applied to 90 ~ 305V)
Input Frequency	50/60HZ
Beam Angle	140°
Actual Luminous Efficiency	80 ~ 90lm/W (LED itself: 100lm/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	3.5Kg
Dimension	195 × 195 × 204mm
Packing size	290 × 290 × 290mm

Light distribution curve



AAI Figure

HEIGHT	Vertical illuminance (15/20/25/30W)	Irradiation range
3M	21/28/35/42Lx	Φ 12M
4M	12/16/20/24Lx	Φ 13M
5M	8/11/13/16Lx	Φ 15M
6M	6/8/10/12Lx	Φ 16.5M

The minimum lux at edge is 4 LX

Examples of mounting

