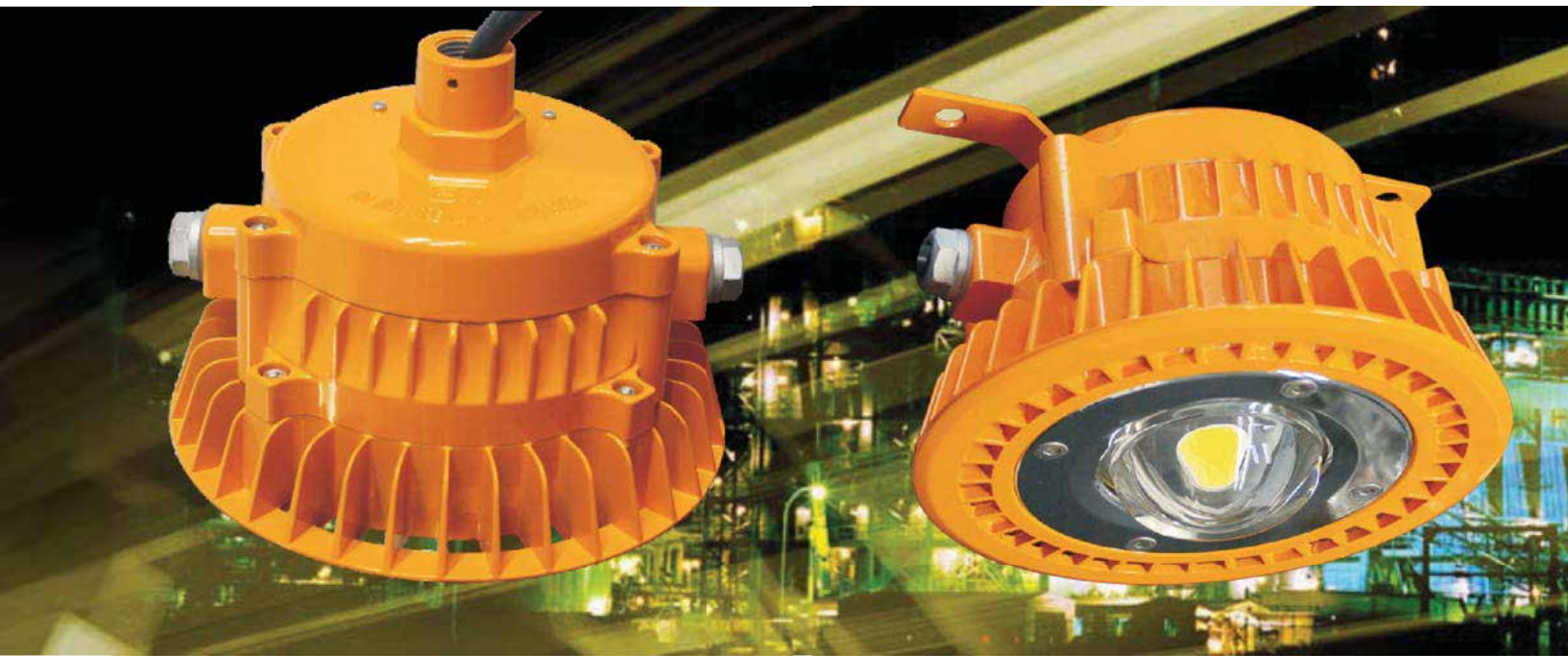




# LED EXPLOSION-PROOF LIGHT

## EPL01 Series



EPL01A(Flange)

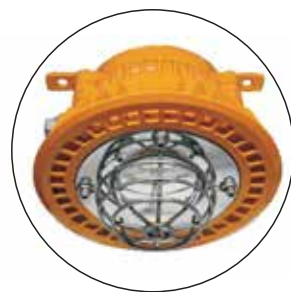
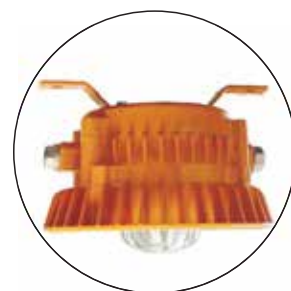
EPL01B(Bracket)

### 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.

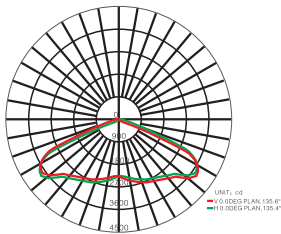
### Features

- 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.



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℃
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

