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LED EXPLOSION-PROOF LIGHT

EPL06 Series



EPL06B(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.

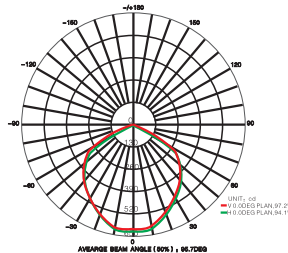
Features

- Patented design for heat dissipation to ensure life of light source up to 50000 hours.
- 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.
- Die casting aluminum housing, with anti-static and anti-corrosion coating.
- Two parts make it high explosion-proof degree of flameproof type: make chamber which place LED intrinsically safety, make chamber which place power supply flameproof; dust-proof, waterproof; lens made of bulletproof PC which is thermal resistance, corrosion resistance, high light transmission.
- Advanced quadratic light distribution design result in high uniformity of illumination and good lighting quality, clear lighting effect without a double

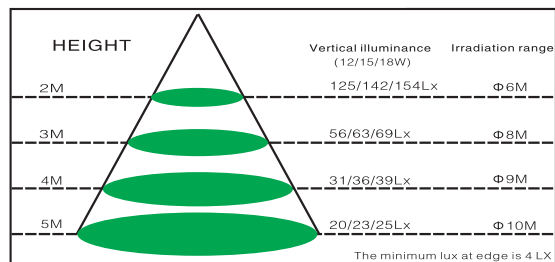
EPL06A(Flange)

Rated Power	12/15/18W
Ex mark	E Ex de IIC T6
IP Grade	IP66
Corrosion-proof Grade	WF2
Input Voltage	AC110/220V(applied to 90 ~ 265V)
Input Frequency	50/60HZ
Beam Angle	120°/120°(transversely)60°(vertically)
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	1.3Kg
Dimension	150 × 150 × 153mm
Packing size	210 × 210 × 270mm

Light distribution curve



AAI Figure



Examples of mounting

