

LED EXPLOSION-PROOF LIGHT

EPL05 Series



EPL05A(Flange)



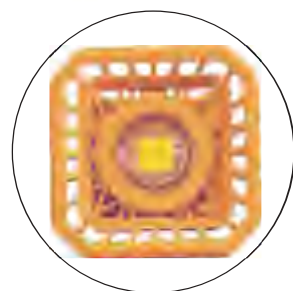
EPL05B(Bracket)

Applications

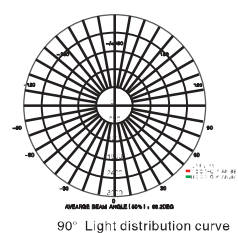
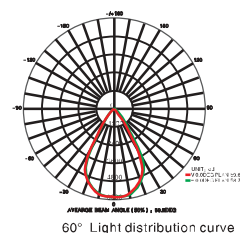
Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base, etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.

Features

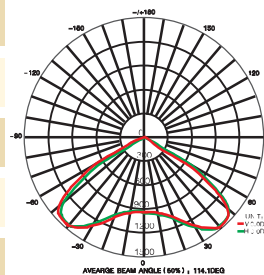
- Patented design for heat dissipation to ensure life of light source up to 50000 hours.
- Bridgelux LED chip; die casting aluminum housing,, with anti-static and anti-corrosion powder painting, high explosion proof grade of flameproof type; dust-proof, waterproof, lens made of high tempered glass which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



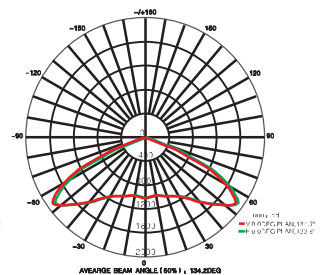
Light distribution curve



| | |
|----------------------------|---|
| Rated Power | 20/30/40/50W |
| Ex mark | E Ex dIIB T6 |
| IP Grade | IP66 |
| Corrosion-proof Grade | WF2 |
| Input Voltage | AC110/220V(applied to 90 ~ 305V) |
| Input Frequency | 50/60HZ |
| Beam Angle | 60°/90°/120°/140°/140°(transversely)70°(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 | > 0.90 |
| Ambient Temperature | -40 ~ 60°C |
| Lifetime | > 50,000hrs |
| Net Weight | 3.8Kg |
| Dimension | 220 × 220 × 202mm |
| Packing size | 290 × 290 × 320mm |

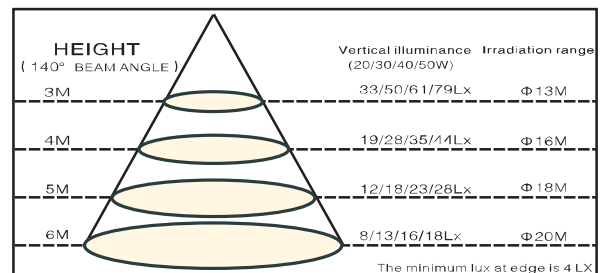
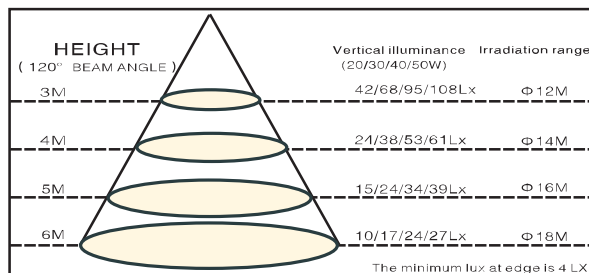
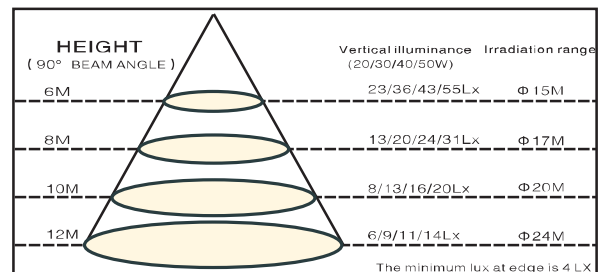
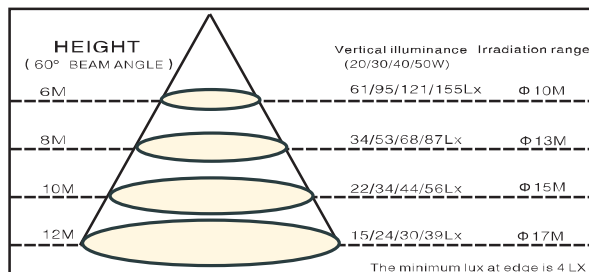


120° Light distribution curve



140° Light distribution curve

AAI Figure



Examples of mounting

