



LED EXPLOSION-PROOF LIGHTS

LED LIGHTING SOLUTION FOR HAZARDOUS LOCATIONS / EXPLOSIVE GAS ATMOSPHERES:
OIL FIELDS, OIL REFINERIES, OFFSHORE OIL PLATFORMS, POWERPLANTS, GAS STATIONS, OIL
TANKS, WHARF TUNNEL, PUMPING STATION, MILITARY BASES, ETC

LED Explosion-Proof Light (EPL 03 Series)

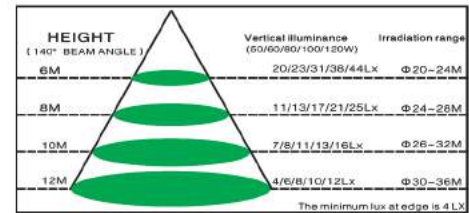
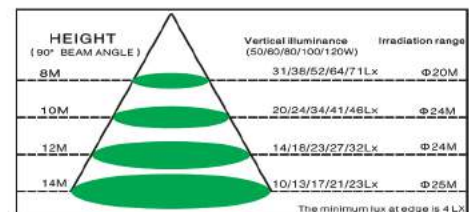
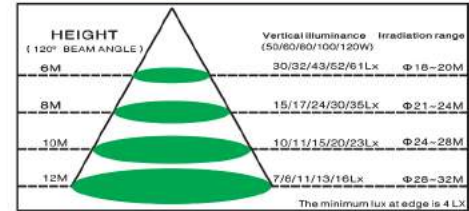
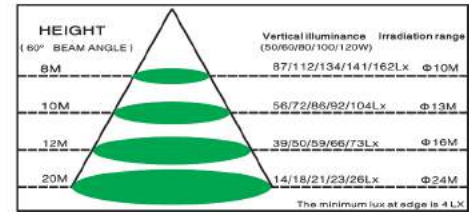


EPL03A(Flange)

EPL03B(Bracket)



AAI Figure



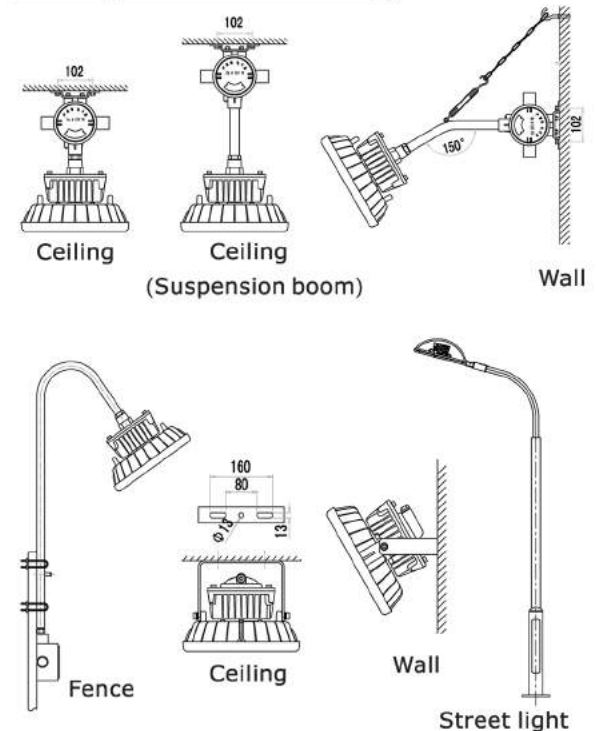
KEY FEATURES

- Patented design for heat dissipation, lifetime of 50,000 hours
- Bridgelux LED chip - die-cast aluminum housing with anti-static and anti-corrosion powder painting.
- High Explosion-Proof Grade (Flameproof type) & Dust-proof.
- Waterproof lens - made of high-tempered glass which is specially designed to different beam angles
- Very low power consumption but high lighting efficiency.
- Advanced Quadratic light distribution - high uniformity of illumination and good lighting quality and clear lighting effect (no double images)
- Beautiful appearance, several types of installation methods available

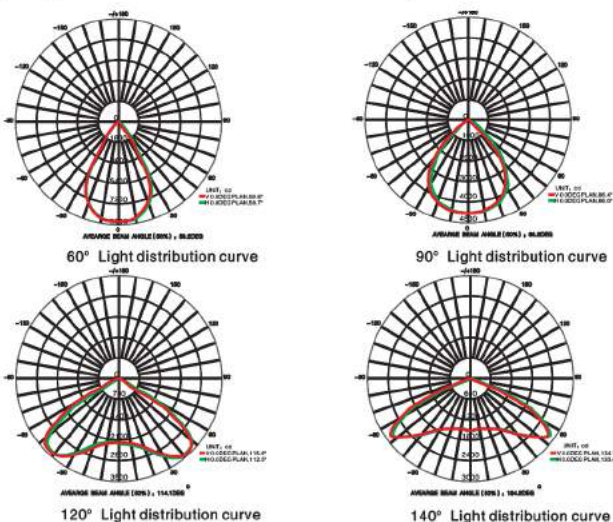
Specifications

Rated Power	60/80/100/120W
Ex mark	E Ex dIIB T5
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 - 90 lm / 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	6.3kg
Dimension	300 x 300 x 226 mm
Packing Size	380 x 380 x 320 mm

Examples of Mounting



Light Distribution Curve



LED Explosion-Proof Light (EPL 05 Series)

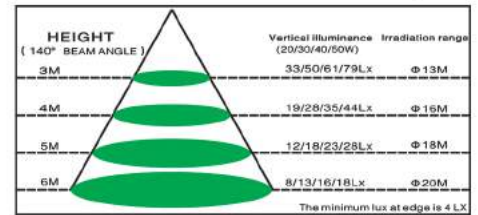
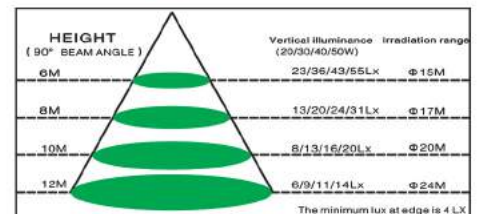
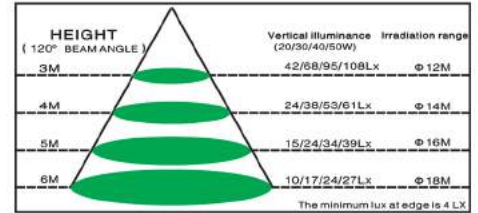
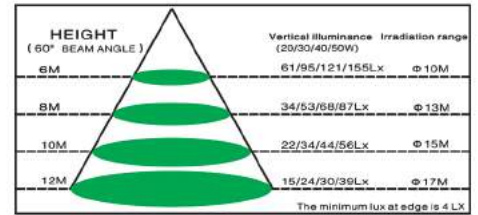


EPL05A(Flange)

EPL05B(Bracket)



AAI Figure



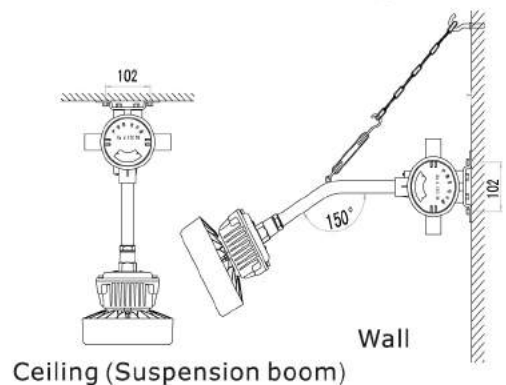
KEY FEATURES

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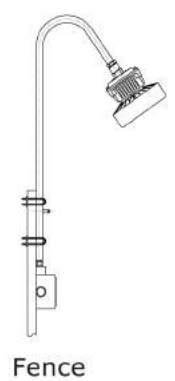
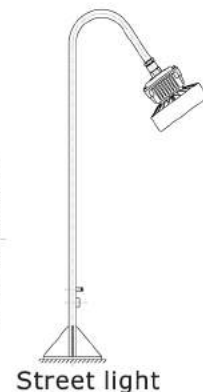
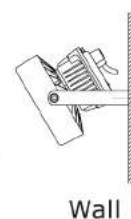
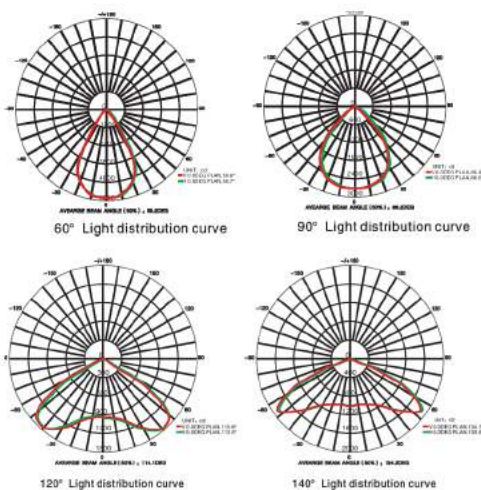
Specifications

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 - 90 lm / 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	3.8kg
Dimension	220 x 220 x 202 mm
Packing Size	290 x 290 x 320 mm

Examples of Mounting



Light Distribution Curve



Other Industry Applications for LED Lighting



OFFICES



RETAIL



EVENTS



**PRIVATE
COLLECTIONS**



HOMES

**A GREENER
CAUSE FOR A
BETTER COST**

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