

LED Explosion Proof Lighting

CES-GB-Q200-XX (30W~60W)

Feature



- House: Self-developed with patent design, made of explosion proof Die-casting Aluminum Alloy
- Glass: Tempered glass. >95% light transmit, shock & vibration resistant.
- PCB: Aluminum thickness 2.5mm, Copper 2oz, heat transmit >2.5
- Power coating: Sprayed with unique paint material, good heat transmission
- LED driver: Meanwell driver, >90% driver efficacy, UL certified.

LED LIGHT ENGINE

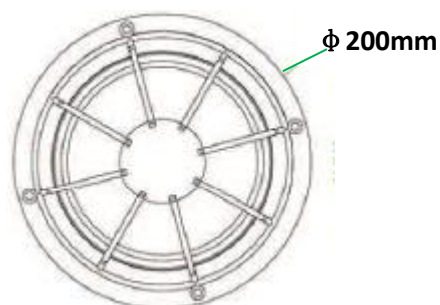
- Bridgelux 3030 chip, LM80 Certify
- Efficacy : up to 150lm @ 350Ma (per watt)
- Color option: CW/NW/WW//Custom color
- CRI >73
- Rated Life of 100,000+ hrs
- No toxic chemicals / RoHs compliant
- 70%-80% energy saving compare to HPS/MH

Application

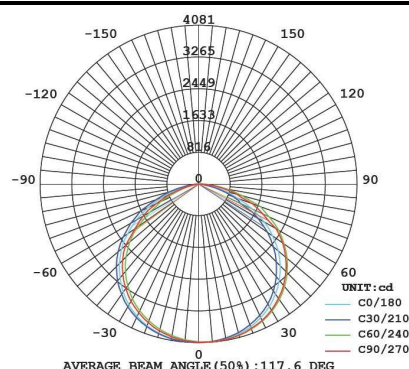
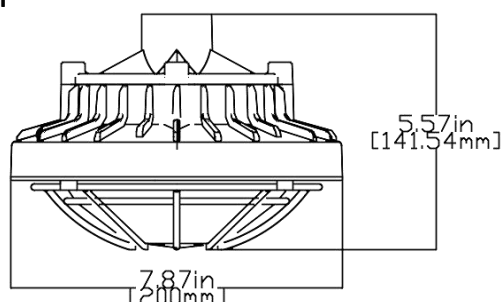
- Suitable for oil well, refineries, gas station, petroleum and chemical industries, coal mine, military, airport, warehouse, marine etc.



Dimension & Distribution Curve



30W~60W



120°x120°

Technical Parameters

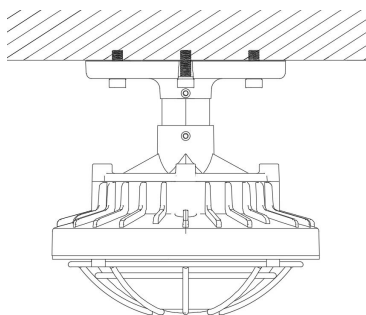
| | | | | |
|--------------------------|--|--------|--------|--------|
| Model No. | CES-GB-Q200-XX | | | |
| Power | 30W | 40W | 50W | 60W |
| Dimension | 200 x 200 x 141.5mm | | | |
| Input Voltage &Frequency | AC100-277V/50/60Hz | | | |
| Input current | 0.35 ~ 0.55A | | | |
| Power Factor (PF) | ≥0.97 | | | |
| THD | <10% | | | |
| LED Chip | Bridgelux 3030 | | | |
| Luminous Flux | 3300LM | 4400LM | 5500LM | 6600LM |
| CRI | >73 | | | |
| CCT Color | CW/NW/CW/Custom color | | | |
| Beam Angle | 120°x120° | | | |
| Working Temp. | -40 °C to +55 °C | | | |
| IP Grade | IP68 | | | |
| Lifespan | >50,000hrs | | | |
| Housing | ADC12,painting powder coated ,aluminum alloy | | | |
| PCB | 2.5mm thickness,2oz copper | | | |
| Warranty | 5 years | | | |

Packing Information

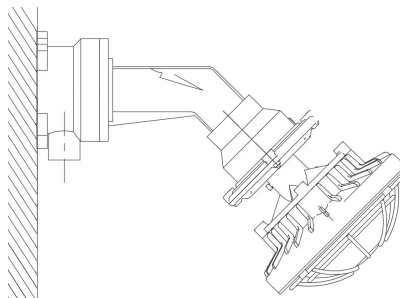
| Model No. | Power | PCS/CTN | Net Weight | Gross Weight | Carton Size(mm) |
|----------------|---------|---------|------------|--------------|-----------------|
| CES-GB-Q200-XX | 30W~60W | 1 | 2.5kgs | 3.0kgs | 250x250x220mm |

Qualification

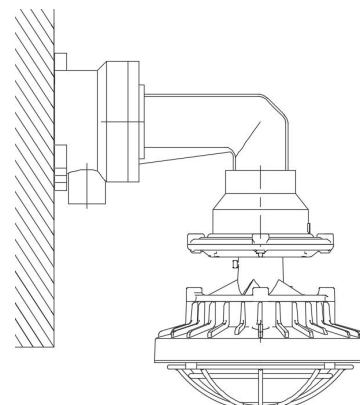
- ISO 14001: Recognition with IAF & CNAS
- ISO 9001: Recognition with IAF & CNAS
- CNEX:Ex d II B T4 Gb
- UL844 (American): Class I Division 2 Group A, B, C, D (Pending)



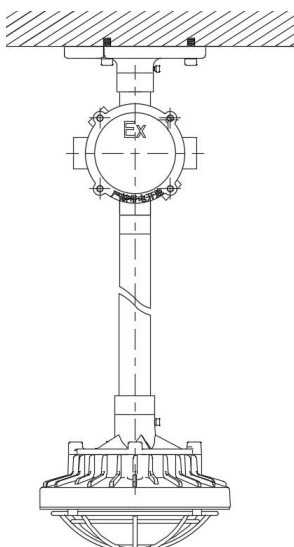
A: Ceiling Mounting



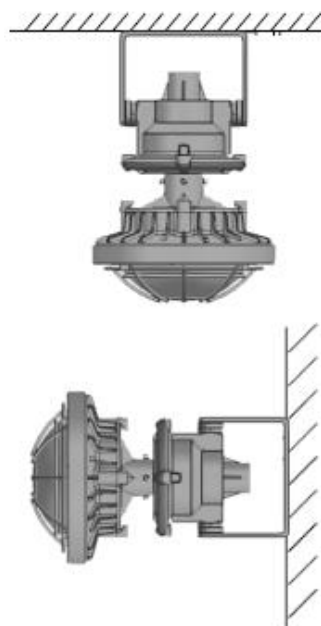
B: Wall Mounting 45°



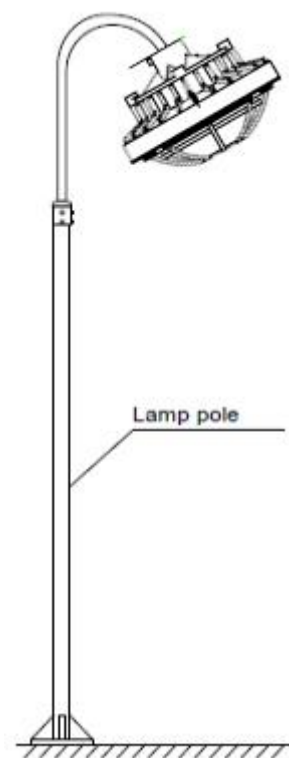
C: Wall Mounting 90°



D: Pendant Mounting



E: U Bracket Mounting



F: Pole Mounting

Warnings

- This product should be installed by a fully certified electrician in accordance with local building and electrical codes. Electrician should be familiar with operation of the product and the hazards involved.
- Due to risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures. All electrical connections must be in 3/4" NPT conduit pipe.
- Failure to properly support the fixture during installation may cause damage or injury, for which the manufacturer is not responsible. Ensure the mounting method chosen will support the weight of the fixture.