

## 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

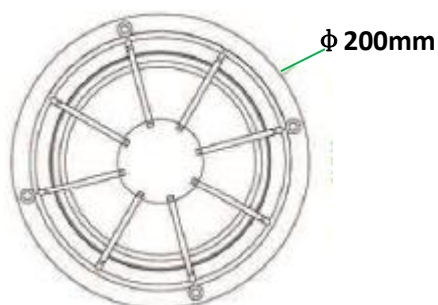
- Bridgelux 3030 chip, LM80 Certify
- Efficacy : up to 150lm @ 350Ma (per watt)
- Color option: CW/NW/WW//Custom color
- CRI >73
- Rated Life of 100,000+ hrs
- No toxic chemicals / RoHs compliant
- 70%-80% energy saving compare to HPS/MH

### Application

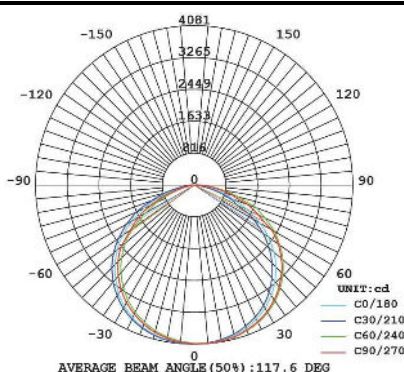
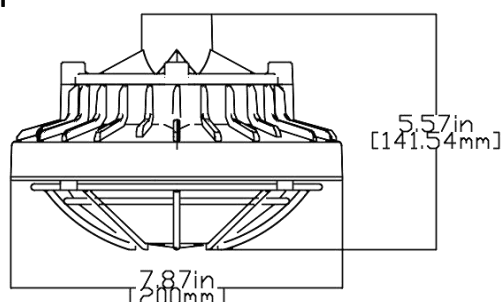
- Suitable for oil well, refineries, gas station, petroleum and chemical industries, coal mine, military, airport, warehouse, marine etc.



### Dimension & Distribution Curve



30W~60W



120°x120°

Technical Parameters

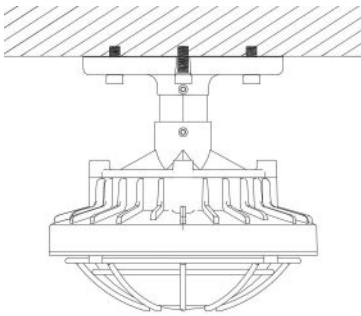
Model No.	CES-GB-Q200-XX			
Power	30W	40W	50W	60W
Dimension	200 x 200 x 141.5mm			
Input Voltage &Frequency	AC100-277V/50/60Hz			
Input current	0.35 ~ 0.55A			
Power Factor (PF)	≥0.97			
THD	<10%			
LED Chip	Bridgelux 3030			
Luminous Flux	3300LM	4400LM	5500LM	6600LM
CRI	>73			
CCT Color	CW/NW/CW/Custom 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

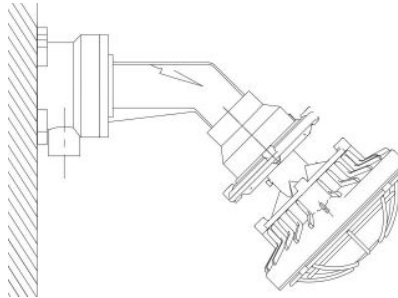
Model No.	Power	PCS/CTN	Net Weight	Gross Weight	Carton Size(mm)
CES-GB-Q200-XX	30W~60W	1	2.5kgs	3.0kgs	250x250x220mm

Qualification

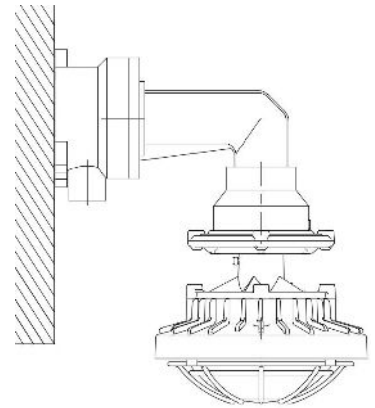
- ISO 14001: Recognition with IAF & CNAS
- ISO 9001: Recognition with IAF & CNAS
- CNEX:Ex d II B T4 Gb
- UL844 (American): Class I Division 2 Group A, B, C, D (Pending)



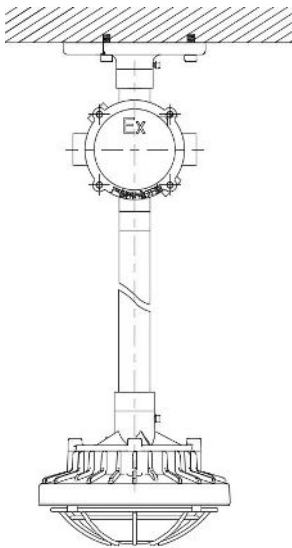
**A: Ceiling Mounting**



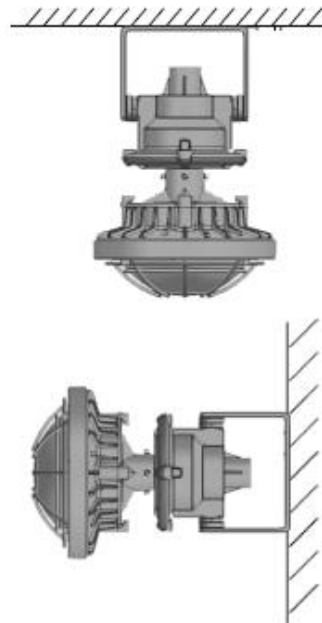
**B: Wall Mounting 45°**



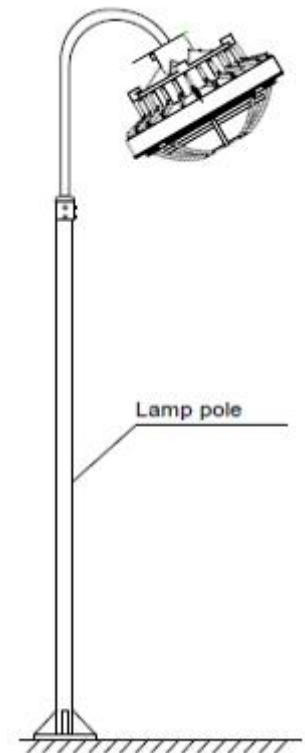
**C: Wall Mounting 90°**



**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.