

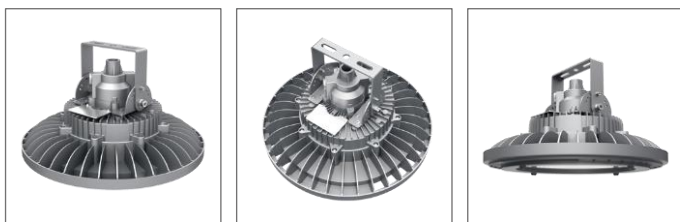


# **CES-EX-GB SERIES EXPLOSION PROOF LED HIGH BAY LIGHT**

CESP hazardous locations

Exclusive Distributor by:  
**EGE TECHNOLOGY SDN BHD** (201201031202)  
[www.egetech.com.my](http://www.egetech.com.my)

# CES-EX-GB SERIES EXPLOSION PROOF LED HIGH BAY LIGHT



## Certification

### ATEX:

- Ex II 2G Ex db op is IIC T4...T5...T6 Gb;
- Ex II 2D Ex tb op is IIIC T103°C...T98°C...T93°C Db;
- IP66;
- Certificate No:SEV 19 ATEX 0334 X

### IECEX:

- Ex db op is IIC T4...T5...T6 Gb;
- Ex tb op is IIIC T103°C...T98°C ...T93°C Db;
- IP66;
- Certificate No:IECEX SEV 19.0040X

## Product description

Although it is a high-power explosion-proof high bay lighting, the flameproof enclosure design (Wiring chamber, power supply chamber, and light source chamber are independent.) can prevent the electric spark generated in the lamp from being transmitted to the outside. And its rating is IP66, it can withstand 7J shock and vibration, and its explosion-proof performance is more reliable than HPS explosion-proof lamps, metal halide lamps, halogen lamps, etc, and can be used in hazardous areas Zone 1&21, Zone 2&22. It is suitable for salt water and corrosive environments if you need.

## Features

- Private-mold designed to be Curved Fin Shape, maximize the best heat transmit.
- Housing - Aluminum alloy (ADC12 ),1800ton high pressure die casting into lamp shape.
- Lens -tempered glass.Shock & vibration resistant, Super clear, >90% light transmit.
- LED: LM80 certified, high efficacy, low decay, long lifespan.130lm/W  $\pm 5$ , up to 26000lm.
- Meanwell LED Driver,>90% driver efficacy.
- Circuit design: 4KV/6KV Surge Protection power supply.

## Application

- Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor or indoor mounted general area lighting, and where flammable vapors, gases, ignitable dusts, fibers or flyings are present.
- Applies to hazardous locations of Zone 1 and Zone2 with explosive gas atmosphere.

## Warranty

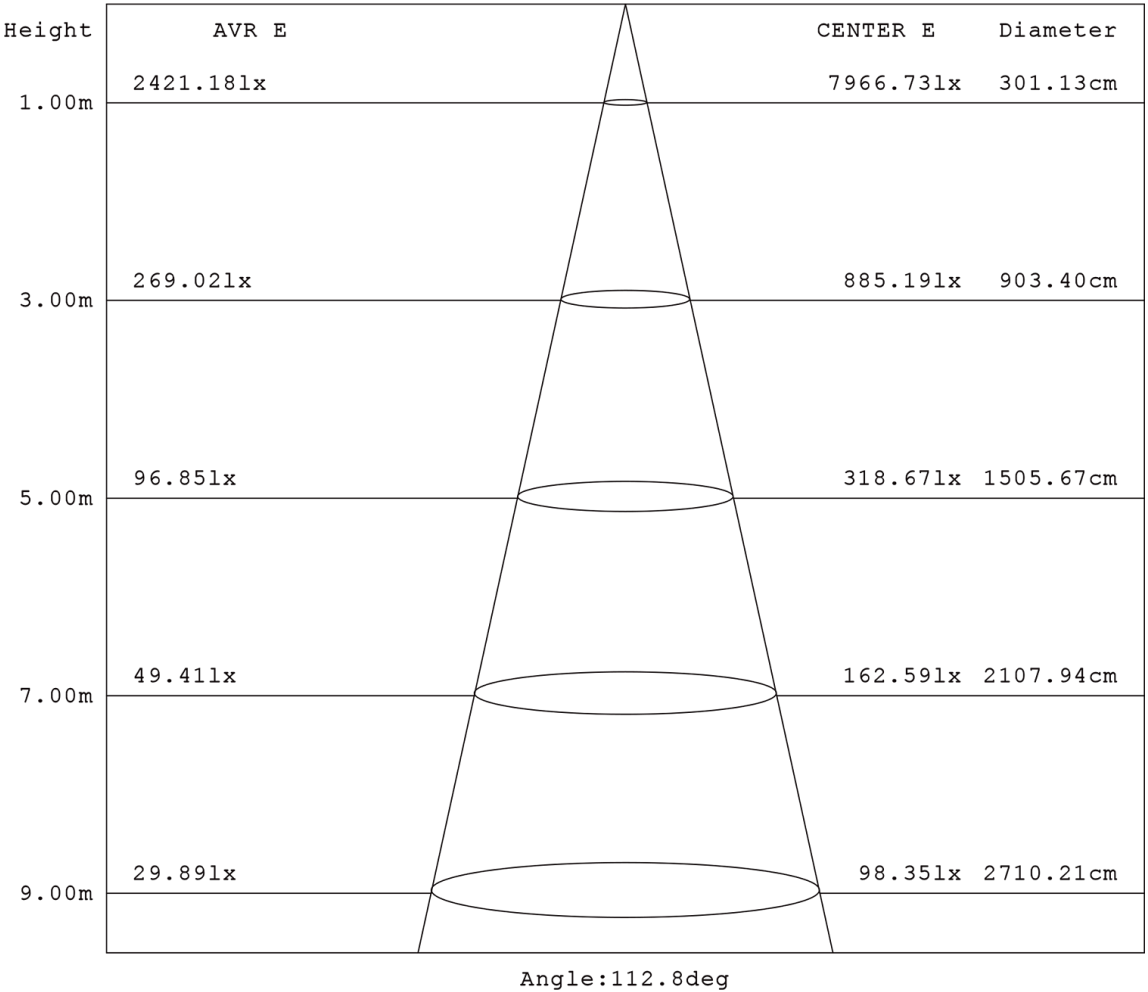
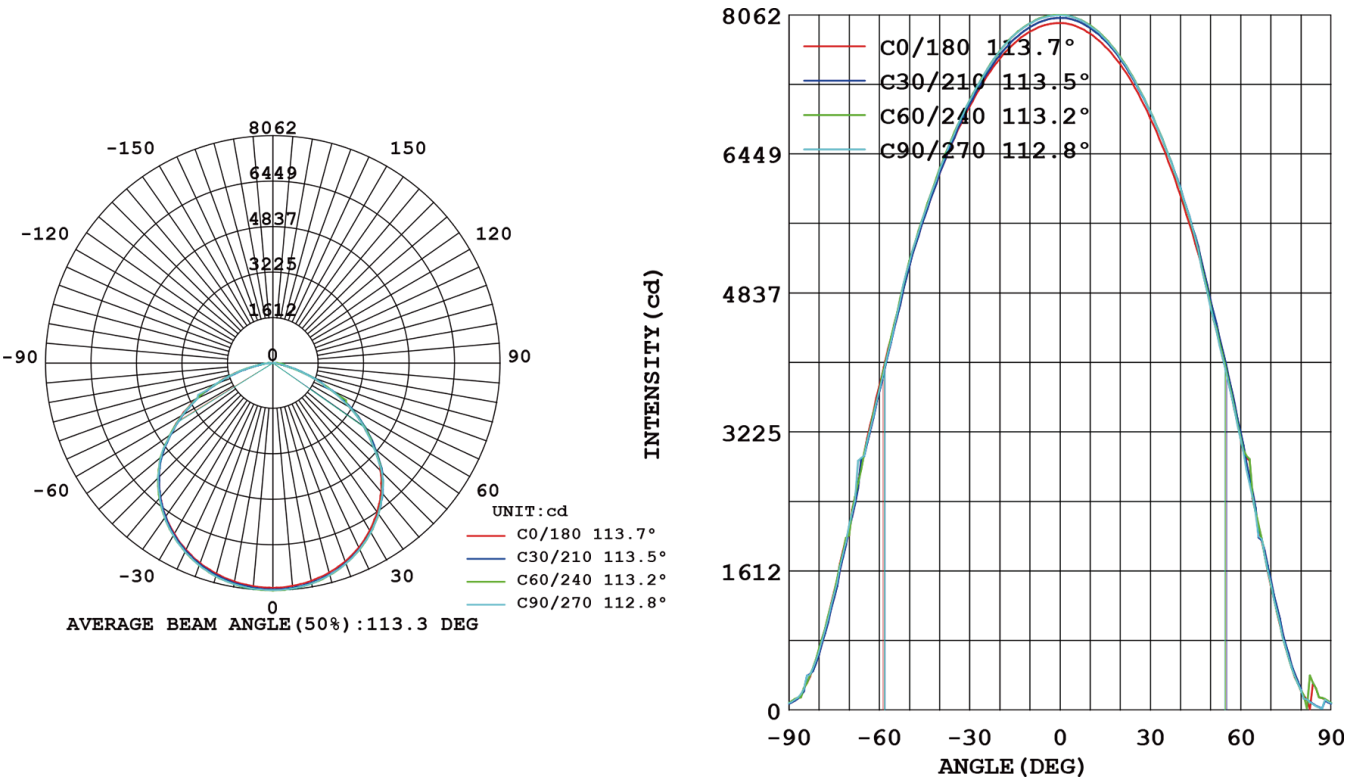
5-Year Standard Warranty



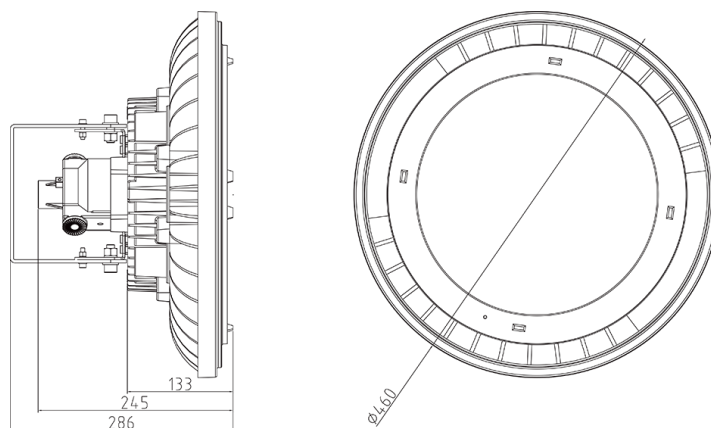
(Please see the specification of UL HazLoc version)



LightingDistribution



## Size and packaging

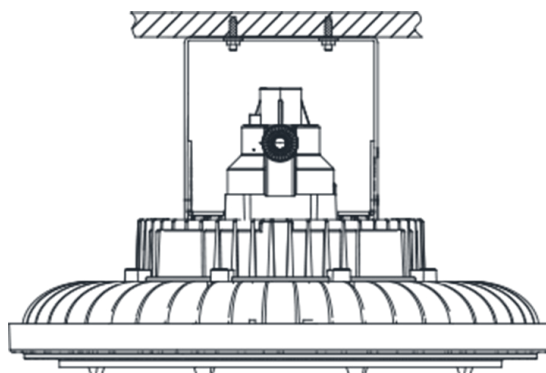


Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
CES-EX-GB-100XXX	Φ460×243mm/Φ18.1×9.6"	530×530×390mm/20.9×20.9×15.4"	1	14.3 kg/29.6 lbs	17.2 kg/37.9 lbs
CES-EX-GB-120XXX	Φ460×243mm/Φ18.1×9.6"	530×530×390mm/20.9×20.9×15.4"	1	14.3 kg/29.6 lbs	17.2 kg/37.9 lbs
CES-EX-GB-150XXX	Φ460×243mm/Φ18.1×9.6"	530×530×390mm/20.9×20.9×15.4"	1	14.3 kg/29.6 lbs	17.2 kg/37.9 lbs
CES-EX-GB-185XXX	Φ460×243mm/Φ18.1×9.6"	530×530×390mm/20.9×20.9×15.4"	1	14.3 kg/29.6 lbs	17.2 kg/37.9 lbs
CES-EX-GB-200XXX	Φ460×243mm/Φ18.1×9.6"	530×530×390mm/20.9×20.9×15.4"	1	14.3 kg/29.6 lbs	17.2 kg/37.9 lbs

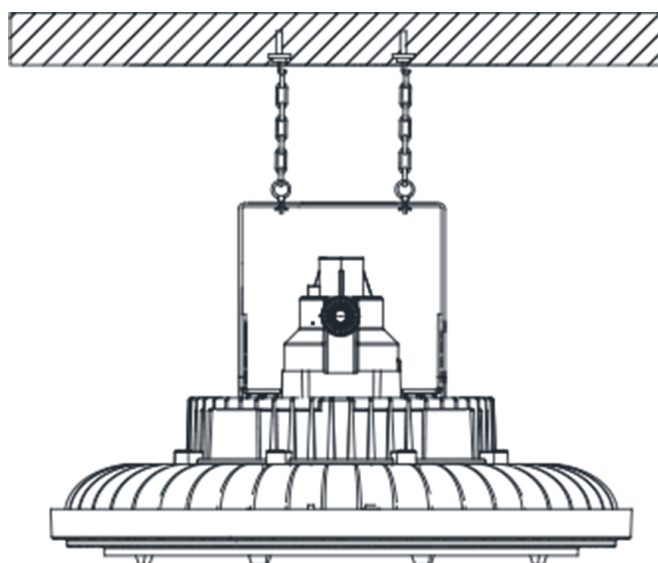
## Technical parameter

ProductModel	CES-EX-GB Series
Type	LED Explosion proof High Bay Light
luminous efficiency	110-140lm/W
Power (W)	100W / 120W / 150W / 185W / 200W
Voltage - Frequency	100-277Vac50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)
CRI (Ra) (typ.)	≥70
Power Supply	High Efficiency LED driver, more than 50000 hours lifespan
Beam Angle	180°/360°
Power Factor	>0.95
Rated Lifetime - L70 (hrs.)	50,000
THD	<10%
Operating temperature	-40 °C to +50 °C
Entry Size	3/4"-14 NPT or M25 X1.5 or M26 X1.5
Cable	Three-core rubber cable, IEC (CE) certification, with 0.5m cable (Standard)

## Installation method



A.Ceiling mount



B.Ceiling mount