CES-EX-GB-02 Series

Hazardous Location LED High Bay







CES-EX-GB-02 Series

HAZARDOUS LOCATION LED HIGH BAY LIGHT

Product description

The anti-shock and vibration pattern and tempered glass lampshade design enables the explosion-proof LED high bay lighting to have a higher CRI, reducing glare in applications where users may have direct visual contact with the light source. It can be used for Class I, Division 2, Groups A, B, C and D; Class II, Division2, Groups F and G; Class III hazardous environment. The luminaires have also passed ATEX IECEx standards test, can be used for the Zone 1 Zone 2 hazardous area lighting.

The hazardous location high bay light is equipped with corrosion-resistant and high-strength aluminum alloy housing, which is suitable for salt water and corrosive environment. It is very efficient and safe, and multiple installation options, etc., which is very suitable for your project.

Features

•Patent designed to be Curved Fin Shape, maximize the best heat transmit.

•Housing-Aluminum alloy (ADC12).

•LED: LM80 certified, high efficacy, low decay, long lifespan.130lm/W ±5.

• Lens-tempered glass (8mm - 10mm) shock &vibration resistant, Super clear,>90% light transmit.

• Meanwell LED Driver,>90% driver efficacy.

•Circuit design: 4KV/6KV Surge Protection power supply

Certification

Marking UL844

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- T-Class: T *（T4/T4A/T5/T6）
- US: UL 844;
- Canada: CSA C22.2 No. 137; CSA C22.2 No. 250.0;
- Certificate No: E475887

Marking UL844

- Damp and wet locations
- UL 1598

Marking Marine

- US: UL 1598A
- Certificate No: E495071

Marking ATEX

- Ex II 2 D Ex tb IIIC T79° C…T83° C…T89° C Db
- Ex II 3 G Ex ec IIC T3…T4…T5 Gc
- Certificate No:
- UL 22 ATEX 2543X Rev. 0
- UL 22 ATEX 2544X Rev. 0

Marking IECEX

- Ex ec IIC T4 Gc
- Ex tb IIIC T79° C Db
- Certificate No: IECEx UL 22.0091X

Application

* Wastewater treatment plants
* Oil and gas refineries
* Petrochemical facilities
* Food and beverage facilities
* Power Plants
* Paper mills
* Shipyards
* Chemical Processing Facility
* Pharmaceutical Plant
* Coal mining plants





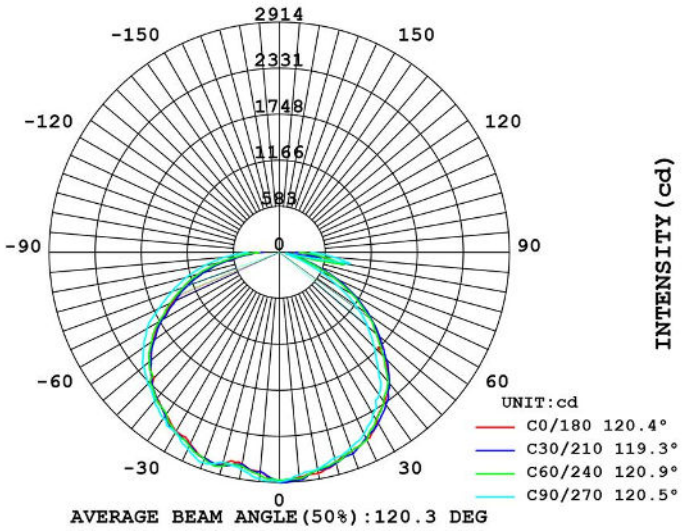


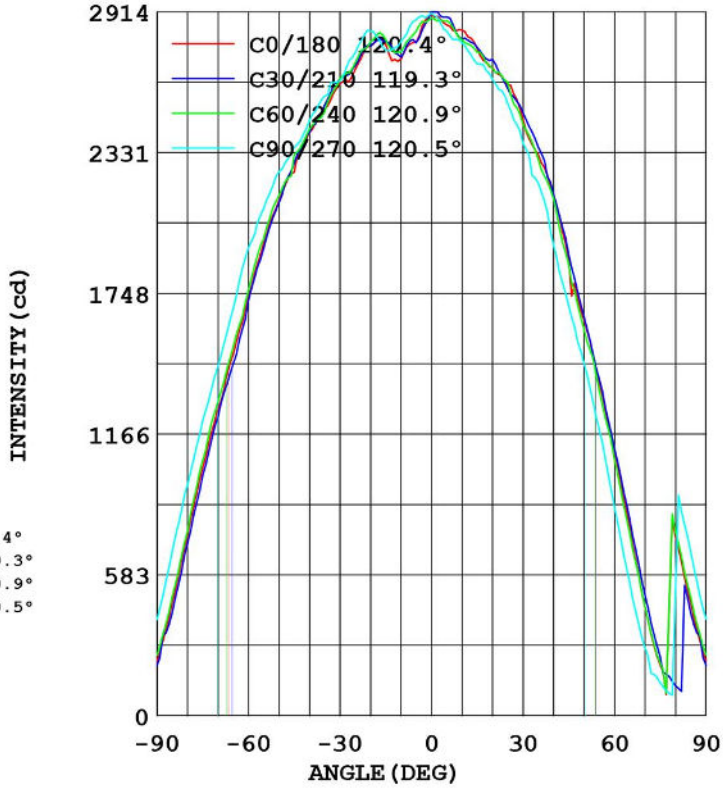


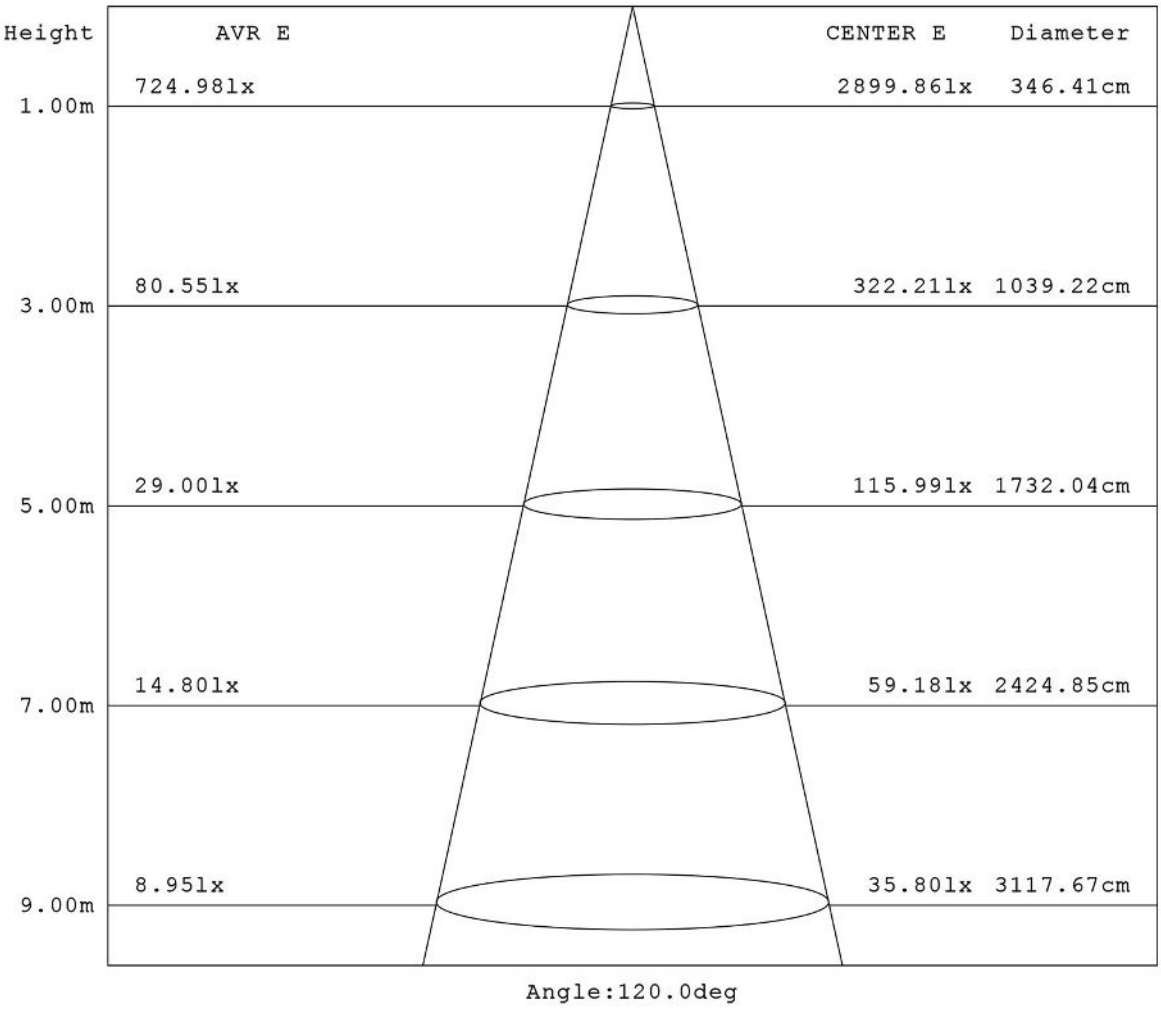
Warranty

5 Years Warranty

Lighting Distribution

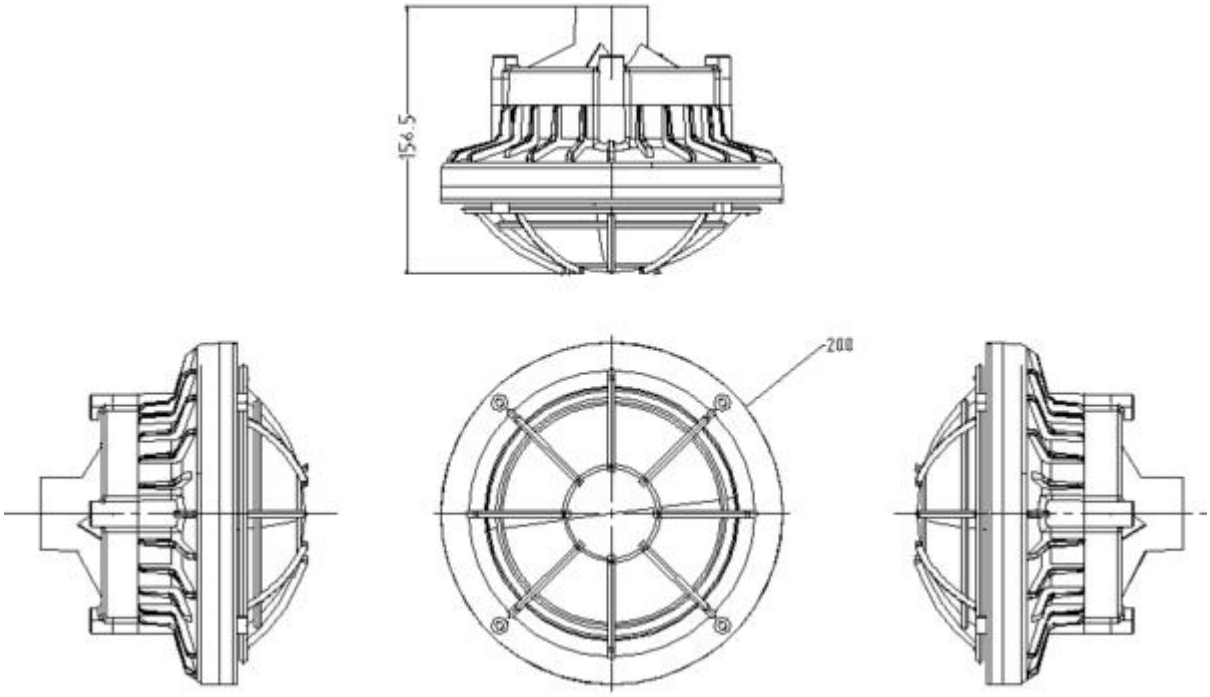




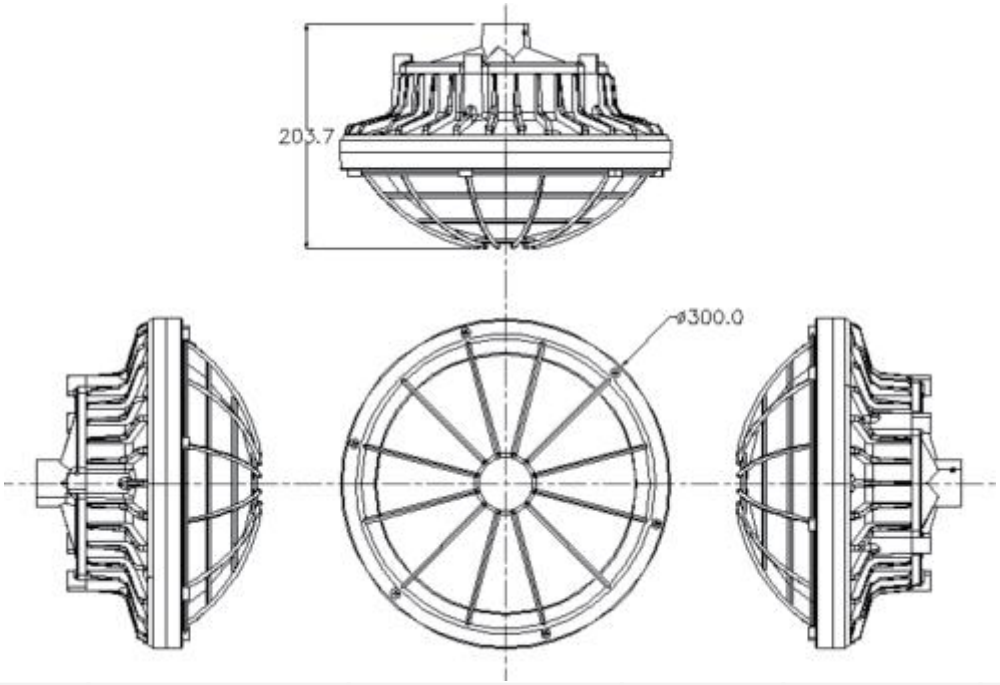


CES-EX-GB-02 Series Explosion Proof LED High Bay

Product Size



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
CES-EX-GB-02-30	Φ200 x 157mm	270*270*280mm	1	3.0 KG	4.5 KG
CES-EX-GB-02-40	Φ200 x 157mm	270*270*280mm	1	3.0KG	4.5 KG



Product Model	Product Size	Carton Size	QTY/CTN	Net Weight	Gross Weight
CES-EX-GB-02-60	Φ300 x 204mm	370*230*340mm	1	7.0 KG	8.5 KG
CES-EX-GB-02-80	Φ300 x 204mm	370*370*340mm	1	7.0KG	8.5 KG

CES-EX-GB-02 Series Explosion Proof LED High Bay

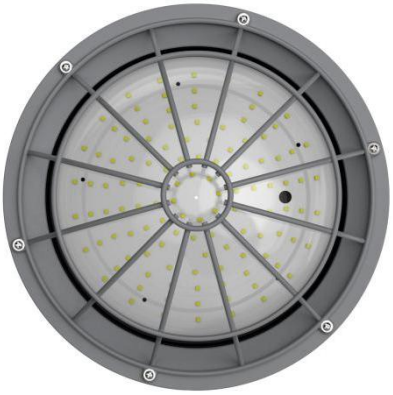
Technical parameter

Product	CES-EX-GB-02-30/40	CES-EX-GB-02-60/80
Power(W)	30W/40W	60W/80W
LED Chip	Bridgelux 3030	Bridgelux 3030
Light Efficiency	140lm/w	140lm/w
Voltage-Frequency	100-277Vac 50-60Hz	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 6500K)	
CRI(Ra)	>70	
Beam Angle	120°	
Power Supply	Meanwell	
Power Factor	>0.95	
Rated Lifetime-L70 (hrs.)	50,000hrs	
THD	<10%	
Operating temperature	-40°C to + 50°C	
Entry Size	3/4”-14 NPT or M25 X1.5 or M26 X1.5	
Cable	STOW, UL certification, 3x18AWG with 0.5m cable (standard)	

Product Display

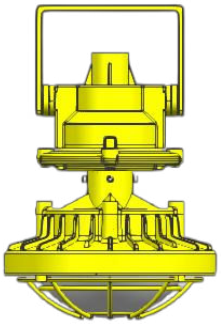
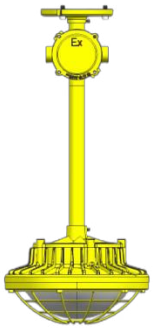
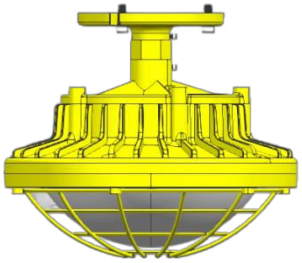




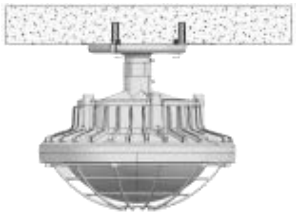
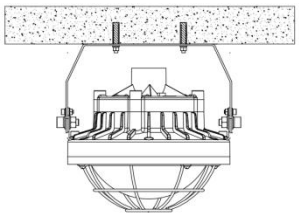
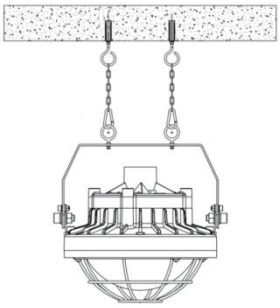
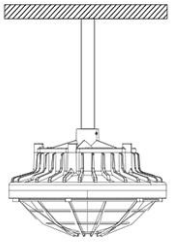
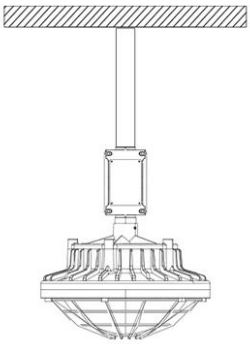
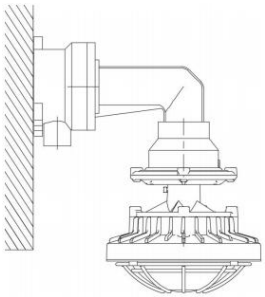
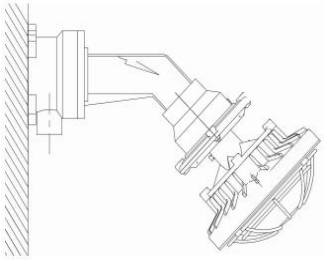
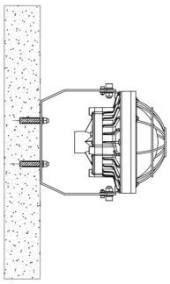




Mounting Accessories

 ① U Bracket	 ② Contacted U Bracket	 ③ Pendant Mounting
 ④ Wall Mounted 90°	 ⑤ Stanchion Mounted	 ⑥ Ceiling Mount
 ⑦ Conduit Pole Mounting		

Installation

A. Ceiling Mount	 
B. Suspension Chain Mounting	
C. Pendant Mount	 
D. Wall Mount	  
E. Pole Mount	