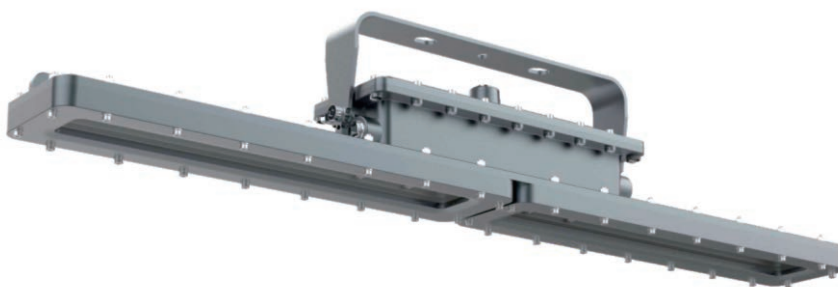


I Series

LED Explosion Proof Light



I2



I4

Certifications:

- ◆ Marking ATEX



II2 G Ex db IIB T4 Gb

II2 D Ex tb IIIC T63.5°C Db IP65

- ◆ Marking IECEX

Ex db IIB T4 Gb

Ex tb IIIC T63.5°C Db IP65

- ◆ Marine Marking

- ◆ UL 1598

- ◆ UL1598A

- ◆ ABS

- ◆ Marking UL844 (North American)

- ◆ Class I, Division 1, Groups C, D

- ◆ Class I, Division 2, Groups A, B, C, D

- ◆ Class II, Division 1, Groups E, F, G

- ◆ Class II, Division 2, Groups F, G

- ◆ Class III

- ◆ IP65

Standard Materials:

- ◆ Housing: Copper-free aluminum

- ◆ Lens: Tempered Glass

- ◆ Hardware: Stainless steel

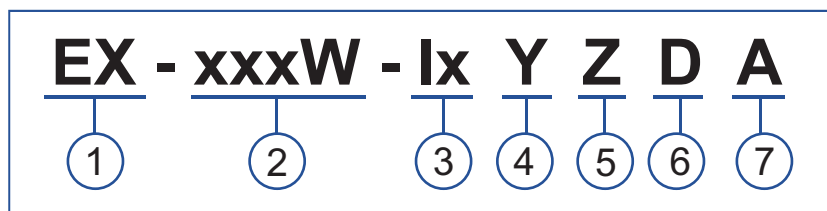
- ◆ Mounting Bracket: Stainless steel

LED Explosion Proof Light - I Series

Key Features:

- ① Dimming function available; battery backup optional.
- ② High-quality SMT LED and Meanwell driver.
- ③ Heavy-duty and high impact resistance.
- ④ Replaceable LED board and drivers.
- ⑤ Integrated junction box for driver.
- ⑥ Marine rating powder coated finish treatment.
- ⑦ High efficacy - up to 140 lumens per watt.
- ⑧ 5-year warranty
- ⑨ Low temperature applications to -40°C (-40°F) and high temperature up to 60°C (140°F).

Catalog Number Logic:



- ① **PRODUCT CATEGORY**
 - ◆ Explosion proof light
- ② **WATTAGE**
 - ◆ 20W-120W
- ③ **PRODUCT SERIES**
 - ◆ I2 ◆ I4
- ④ **DIMMING OPTION**
 - ◆ D= Dimmable
 - ◆ N= Non-dimmable
- ⑤ **CCT**
 - ◆ From 2200K to 7000K
 - ◆ 22=2200K, 30=3000K, ..., 70=7000K
- ⑥ **BEAM ANGLE**
 - ◆ D40= 40° ◆ D90= 90°
 - ◆ D60= 60° ◆ D120= 120°
- ⑦ **GLASS TYPE**
 - ◆ A=blank: Flat glass
 - ◆ A=C: Spherical glass

Technical Data:

| Model | Wattage | Operating Voltage | Lumens (lm) | Efficacy (lm/W) | CRI | CCT | Emergency Time |
|----------------|---------|---------------------------------|-------------|-----------------|-----|-------------|----------------|
| EX-20W I2YZDA | 20W | AC100-277V/200-480V or DC12-36V | 2,800 | 140 | >70 | 2200K-7000K | 1.5 hours |
| EX-40W I2YZDA | 40W | | 5,600 | | | | |
| EX-50W I2YZDA | 50W | | 7,000 | | | | |
| EX-60W I2YZDA | 60W | | 8,400 | | | | |
| EX-40W I4YZDA | 40W | | 5,600 | | | | |
| EX-60W I4YZDA | 60W | | 8,400 | | | | |
| EX-80W I4YZDA | 80W | | 11,200 | | | | |
| EX-100W I4YZDA | 100W | | 14,000 | | | | |
| EX-120W I4YZDA | 120W | | 16,800 | | | | |

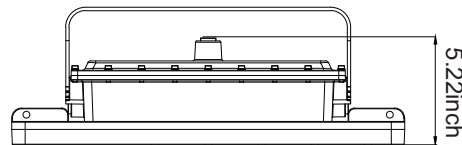
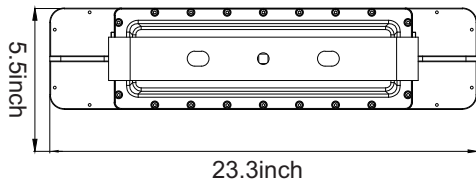
Packing Information:

| Model | Quantity/Carton | Packing Size | Net Weight | Gross Weight |
|-------|-----------------|-----------------------|--------------------|--------------------|
| I2 | 1 PCS | 30.31x13.39x10.43inch | 12 kg/ 26.45 lbs | 14 kg/ 30.86 lbs |
| I4 | 1 PCS | 53.54x13.39x10.43inch | 18.5 kg/ 40.79 lbs | 21.5 kg/ 47.40 lbs |

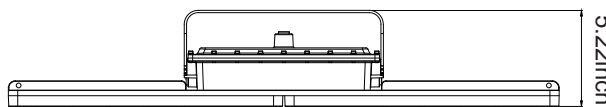
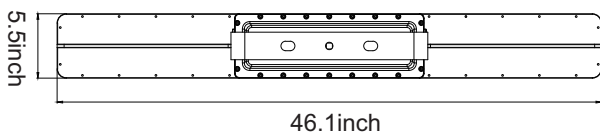
LED Explosion Proof Light - I Series

Dimensions:

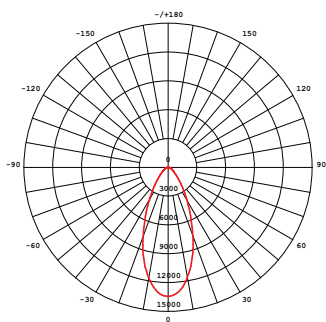
I2 Series



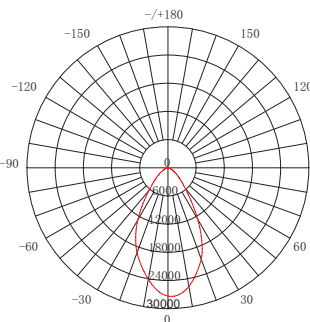
I4 Series



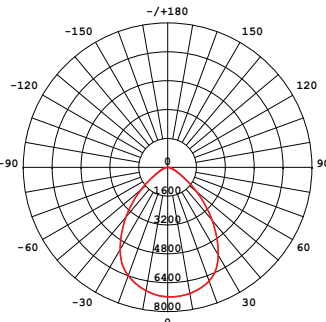
Photometry:



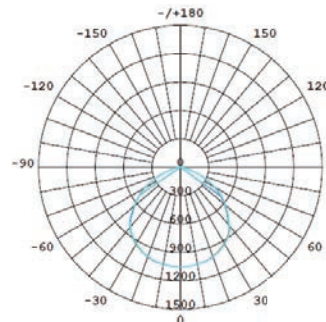
Beam angle: 40°



Beam angle: 60°



Beam angle: 90°

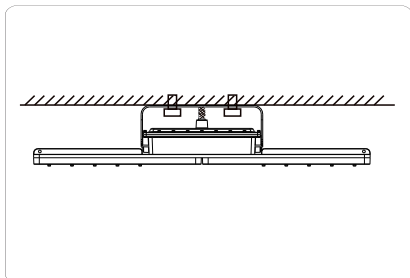


Beam angle: 120°

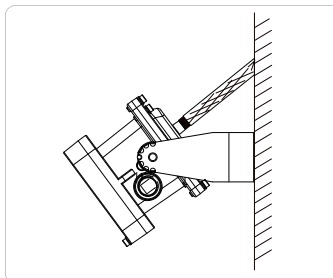
LED Explosion Proof Light - I Series

Mounting Methods:

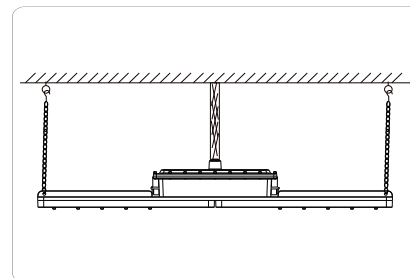
◆ Ceiling Mounting:



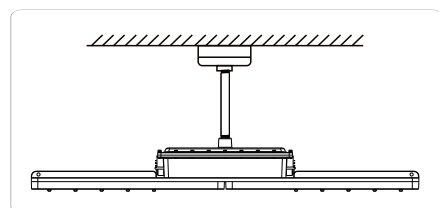
◆ Wall Mounting:



◆ Chain Mounting:



◆ Pole Pendant Mounting:



Accessories:



- Model: Ex-Junction Box
Name: Junction Box
Material: Aircraft Aluminum A383



- Model: EX-Straight Pipe
Name: Straight Pipe
Material: Iron



- Model: Ex-Conduit 01
Name: Metal Conduit
Material: Stainless Steel and Aluminum



- Model: EX-Bended Pipe
Name: Bended Pipe
Material: Iron



- Model: Ex-Chain
Name: Pendant Chain
Material: Stainless Steel S3040



- Model: Ex-Bracket
Name: U-bracket
Material: Stainless Steel

Application :

- ◆ Oil and gas industry
 - All petroleum production and refining
 - Petroleum loading and transportation
 - Petroleum storage and retail
 - LNG industry
 - All mining operations and service
- ◆ Ocean, marine and aerospace field
 - Ocean platform operation facilities
 - Aerospace clean room and production
 - Ocean vessel operations
- ◆ Food and alcohol industry
 - Flour and fine particle production and storage
 - Food and distilling production
 - Alcohol industry
- ◆ Chemical industry
 - All types of paint facilities
 - Chemical production and storage
- ◆ Metal treatment
 - Steel and aluminum factories
 - Pumping stations in any environment
 - Metal smelting, foundry and fabrication
- ◆ Other high humidity, high dust, high temperature, vapor locations.