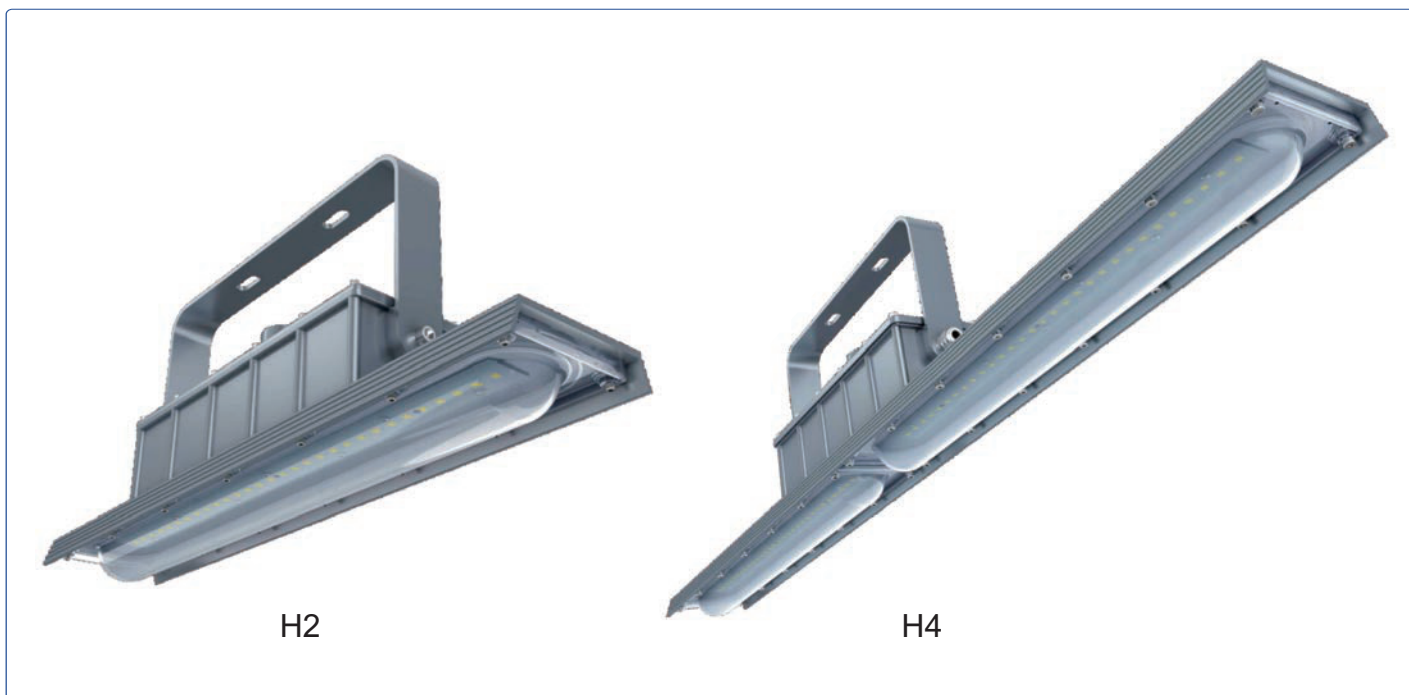


# H Series

## LED Explosion Proof Light



### Certifications:

- ◆ Marking ATEX
  - ◆ II3 G Ex ec IIC T5/T6 Gc
  - ◆ II2 D Ex tb IIIC T80/100°C Db IP66
- ◆ Marking IECEx
  - ◆ Ex ec IIC T5/T6 Gc
  - ◆ Ex tb IIIC T80/100°C Db IP66
- ◆ Marking UL844 (North American)
  - ◆ 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
- ◆ Marine Marking
  - ◆ UL 1598
  - ◆ UL1598A
  - ◆ ABS
  - ◆ IP66

## LED Explosion Proof Light - H Series

### Key Features:

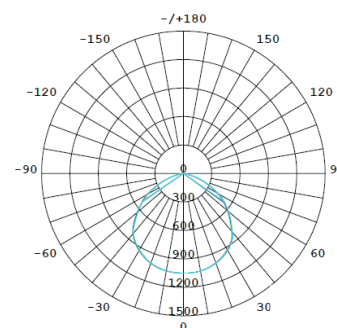
- ① Dimmable and battery backup function is available.
- ② High-quality SMT LED and Meanwell driver.
- ③ Heavy-duty and high impact resistance.
- ④ Replaceable LED board and drivers.
- ⑤ Integrated junction box for driver.
- ⑥ Marine rating powder coated finish treatment.
- ⑦ Various installation ways for different applications.
- ⑧ Glass lens or polycarbonate lens for making different beam angles.
- ⑨ 5-year warranty.
- ⑩ Low temperature applications to  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ) and high temperature up to  $60^{\circ}\text{C}$  ( $140^{\circ}\text{F}$ ).

### Standard Materials:

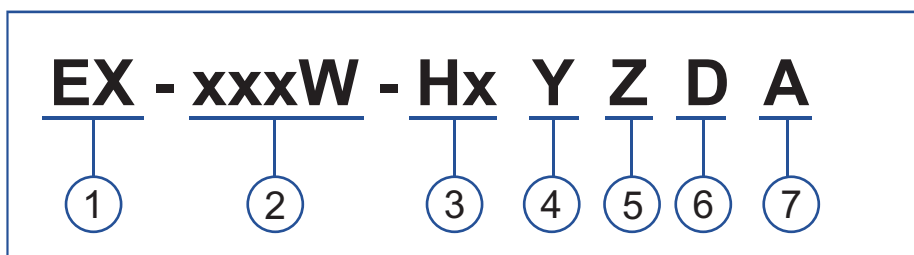
- ◆ Housing: Copper-free aluminum
- ◆ Lens: PC
- ◆ Hardware: Stainless steel
- ◆ Mounting Bracket: Stainless steel

### Photometry:

Beam angle:  $120^{\circ}$



### Catalog Number Logic:



① **PRODUCT CATEGORY**

- ◆ Explosion proof light

② **WATTAGE**

- ◆ 20W/40W/60W

③ **PRODUCT SERIES**

- ◆ H2    ◆ H4

④ **DIMMING OPTION**

- ◆ D= Dimmable
- ◆ N= Non-dimmable

⑤ **CCT**

- ◆ From 2200K to 7000K
- ◆ 22=2200K, 30=3000K, ..., 70=7000K

⑥ **BEAM ANGLE**

- ◆ D40=  $40^{\circ}$     ◆ D90=  $90^{\circ}$
- ◆ D60=  $60^{\circ}$     ◆ D120=  $120^{\circ}$

⑦ **GLASS TYPE**

- ◆ A=blank: Flat glass
- ◆ A=C: Spherical glass

## LED Explosion Proof Light - H Series

### Technical Data:

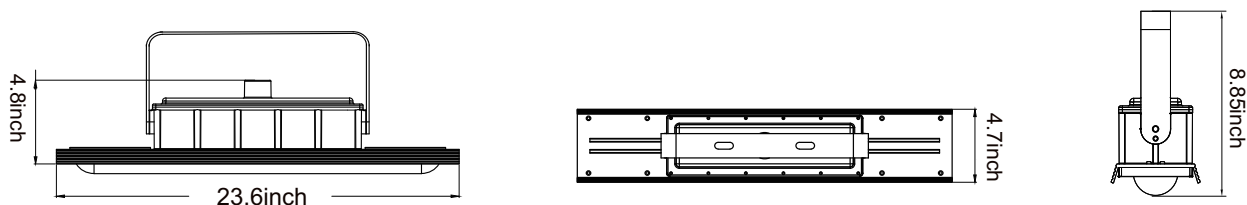
Model	Wattage	Operating Voltage	Lumens	Efficacy (lm/W)	CRI	CCT	Emergency Time
EX-20W H2YZDA	20W	AC100-277V/200-480V or DC12-48V	2,800	140	>70	2200K-7000K	3 hours
EX-40W H2YZDA	40W		5,600				
EX-40W H4YZDA	40W		5,600				
EX-60W H4YZDA	60W		8,400				

### Packing Information:

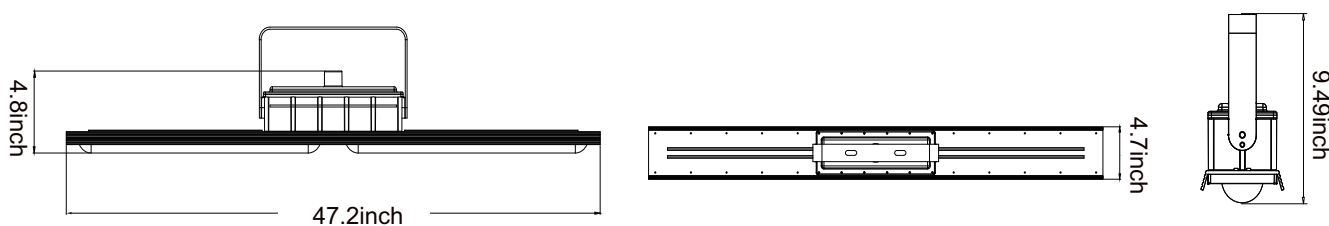
Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
H2	2 PCS	27.20x15.75x11.42inch	4 kg/ 8.82 lbs	9 kg/ 19.84 lbs
H4	2 PCS	51.18x15.75x11.42inch	5.5 kg/ 12.13 lbs	14.5 kg/ 31.97 lbs

### Dimensions:

#### H2 Series



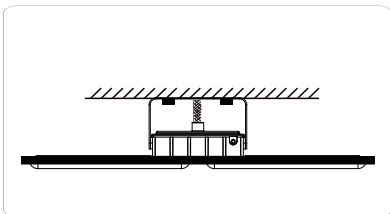
#### H4 Series



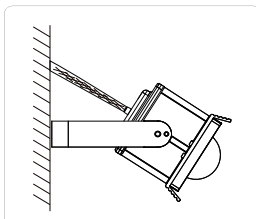
## LED Explosion Proof Light - H Series

### Mounting Methods:

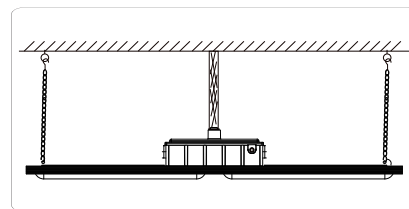
#### ◆ Ceiling Mounting:



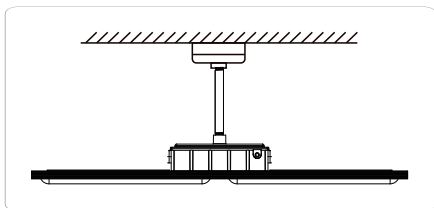
#### ◆ Wall Mounting:



#### ◆ Chain Mounting:



#### ◆ Pole Pendant Mounting:



### Accessories:



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



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



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

### 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

#### ◆ Chemical industry

- All types of paint facilities
- Chemical production and storage

#### ◆ Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

#### ◆ 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.