

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

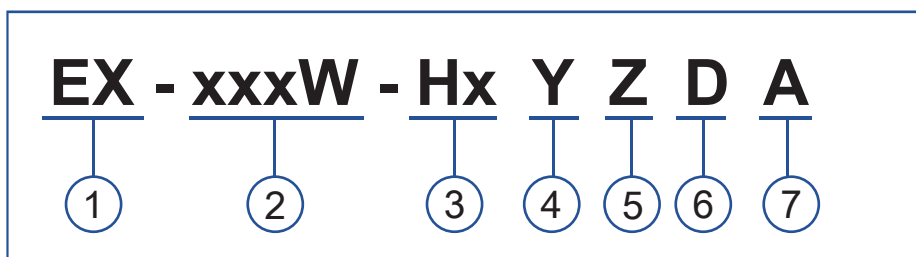
Key Features:

- 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°C (-40°F) and high temperature up to 60°C (140°F).

Standard Materials:

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

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° ◆ 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	Dimmable
EX-20W H2YZDA	20W	AC100-277V/200-480V or DC12-48V	2,800	140	>70	2200K-7000K	0-10V
EX-40W H2YZDA	40W		5,600				
EX-40W H4YZDA	40W		5,600				
EX-60W H4YZDA	60W		8,400				

Photometry:

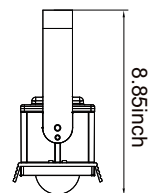
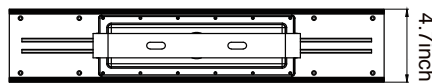
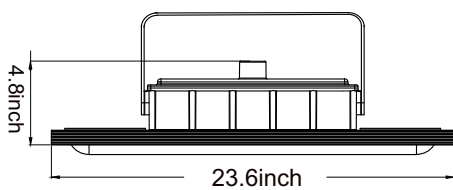
Center Beam fc	Beam Width		
10ft	25fc	30ft	34ft
20ft	6fc	59ft	67ft
30ft	3fc	89ft	100ft
40ft	1fc	148ft	134ft
50ft	0.6fc	178ft	168ft

- Vert, Spread; 120°
- Horiz, Spread; 120°

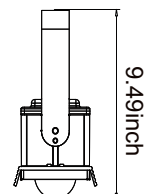
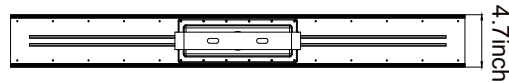
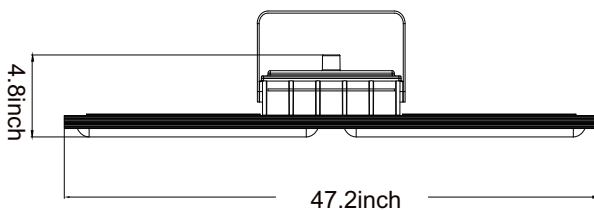
120°

Dimensions:

H2 Series



H4 Series

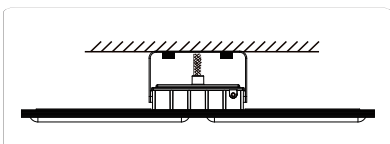


Packing Information:

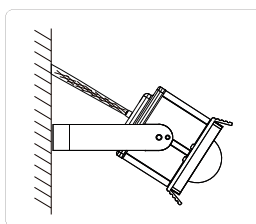
Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
H2	2 PCS	27.20x15.75x11.42inch	4 kg/ 8.82 lbs	9 kg/ 19.84 lbs
H4	2 PCS	51.18x15.75x11.42inch	5.5 kg/ 12.13 lbs	14.5 kg/ 31.97 lbs

Mounting Methods:

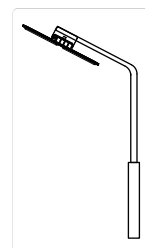
◆ Ceiling Mounting:



◆ Wall Mounting:



◆ Pole Bracket 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
- ◆ 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.