LED Explosion Proof Light
H Series

H2



H4



TECHNICAL SPECIFICATIONS - H Series

Certifications

ATEX	IECEx	UL844	Marine
II3 G Ex ec IIC T5/T6 Gc	Ex ec IIC T5/T6 Gc	Class I, Division 2, Groups A, B, C, D	UL 1598
II2 D Ex tb IIIC T80/100°C Db IP66	Ex tb IIIC T80/100°C Db IP66	Class II, Division 1, Groups E, F, G	UL1598A
		Class II, Division 2, Groups F, G	ABS
		Class III	IP66

Features

- Dimmable and battery backup function is available.
- High-quality SMT LED and Meanwell driver.
- Heavy-duty and high impact resistance.
- Replaceable LED board and drivers.
- Integrated junction box for driver.
- Marine rating powder coated finish treatment.
- Various installation ways for different applications.
- Glass lens or polycarbonate lens for making different beam angles.
- 5-year warranty.
- Low temperature applications to -40°C (-40°F) and high temperature up to 60°C (140°F).

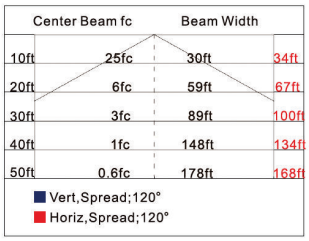
Standard Materials:

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

Typical applications include:

- Oil and gas industry
- Ocean, marine and aerospace field
- Food and alcohol industry
- Chemical industry
- Metal treatment
- Other high humidity, high dust, high temperature, vapor locations.

Photometry



120°

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Call us: (832) 717-5750

21175 Tomball Parkway, Suite 114, Houston TX, 77070

info@constellationlighting.us : www.constellationlighting.us

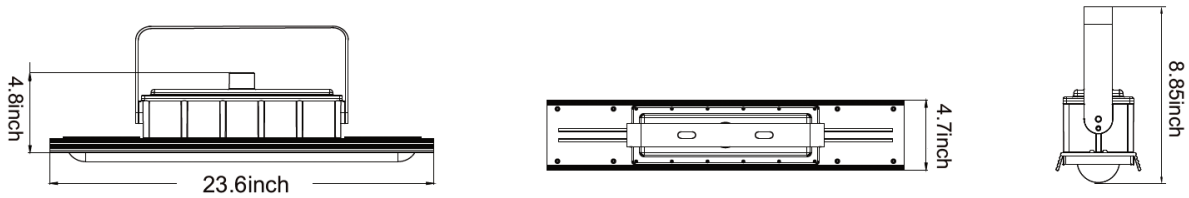
TECHNICAL SPECIFICATIONS - H Series

Technical Data

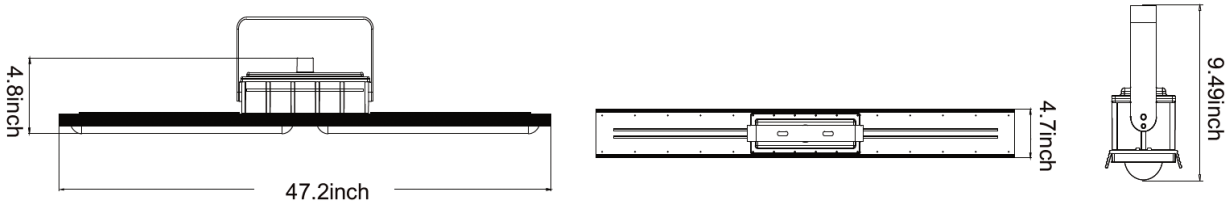
Model	Wattage	Operating Voltage	Lumens (lm)	Efficacy (lm/W)	CRI	CCT	Emergency Time
EX-20W H2YZDA	20W	AC100-277V/200-480V or DC12-48V	2,800	140	>70	2200K-7000K	3 hours
EX-40W H2YZDA	40W		5,600				
EX-40W H4YZDA	40W		5,600				
EX-60W H4YZDA	60W		8,400				

DIMENSIONS H Series

H2 Series



H4 Series



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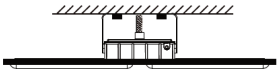
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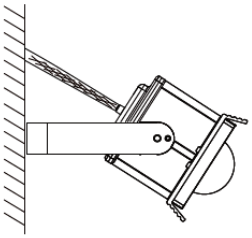
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MOUNTING METHODS
H Series

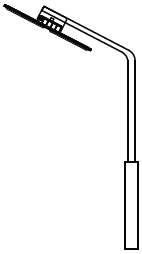
Ceiling Mounting:



Wall Mounting:



Pole Bracket Mounting:



ACCESSORIES
H Series



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



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



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

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