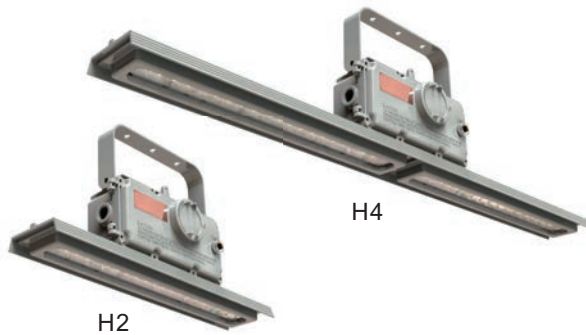
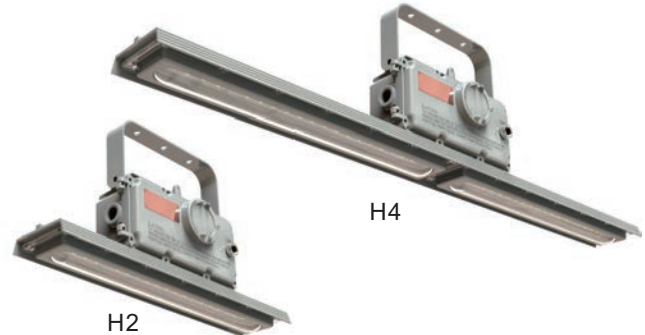


Durable Lighting Made for Industrial Safety



Hazardous Location LED Luminaire H Series (Zone 2, 21, 22)

Regular Model**Side Opening Cover Model
(Flat Glass)****Side Opening Cover Model
(Convex Glass)****CB**

Product Description

The H Series LED luminaire is the ideal choice for marine and hazardous applications where a linear design is required. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow or high ambient can be expected.

Features

- 0-10V dimming
- Emergency function optional
- Compact and robust structure, excellent reliability
- Various installation ways for different applications
- Great impact resistance with IK08/IK10 certified
- Copper-free aluminum housing, great corrosion resistance and cooling performance

Compliance

Zone 2, 21, 22

IECEX Standard:

Ex ec IIC T6...T3 Gc

Ex tb IIIC T80°C/T95°C/T130°C Db

CB (Ref. Certif. No.: DE 2-038462-M1)

IP66/IP67

IK08 (glass cover)

IK10 (with wire guard)

1000 hours salt spray



Application

- Power Plants
- Heavy Industrials Storage Facility
- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry

Warranty

5-Year Standard Warranty

LED lumen Maintenance: L70> 150,000 Operation Hours@55°C

Technical Parameter

• Electrical

Specification	EX-20W-H2N***	EX-40W-H2N***
Rated Power	20W	40W
Input Voltage	100-277/200-480VAC, 12-36VDC	
Input Frequency	50/60Hz	
Power Factor	> 0.95	
Emergency Time*	3 hours	

*Emergency function optional.

• Optical

Specification	EX-20W-H2N***	EX-40W-H2N***
Lumen Output	2800lm	5600lm
Lumens Per Watt	140lm/W	
CCT	2700K-6500K	
CRI	> 70	
Beam Angle	120°	
Dimming	0-10V dimming	

• Environmental

Specification	EX-20W-H2N***	EX-40W-H2N***
Ambient Operating Temperature	-40°C to 60°C (-40°F to 140°F)	

• Mechanical

Specification	EX-20W-H2N***	EX-40W-H2N***
Housing Material	Copper-free aluminum	
Diffuser	PC	
Hardware	Stainless steel	
Protection	IP66/IP67/IK08 (glass cover)/IK10 (with wire guard)/1000 hours salt spray	
Mounting	Ceiling, Wall, Pole, Pendant, Chain	
Cable Entries	Regular Model	Top: M25(standard), M20 Two sides: M16(standard), M25, M20
	Side Opening Cover Model	Top: M25(standard), M20 Two sides: M25(standard), M20; plug or cable entry optional

Technical Parameter

• Electrical

Specification	EX-40W-H4N***	EX-60W-H4N***	EX-80W-H4N***
Rated Power	40W	60W	80W
Input Voltage	100-277/200-480VAC, 12-36VDC		
Input Frequency	50/60Hz		
Power Factor	> 0.95		
Emergency Time*	3 hours		

*Emergency function optional.

• Optical

Specification	EX-40W-H4N***	EX-60W-H4N***	EX-80W-H4N***
Lumen Output	5600lm	8400lm	11200lm
Lumens Per Watt	140lm/W		
CCT	2700K-6500K		
CRI	> 70		
Beam Angle	120°		
Dimming	0-10V dimming		

• Environmental

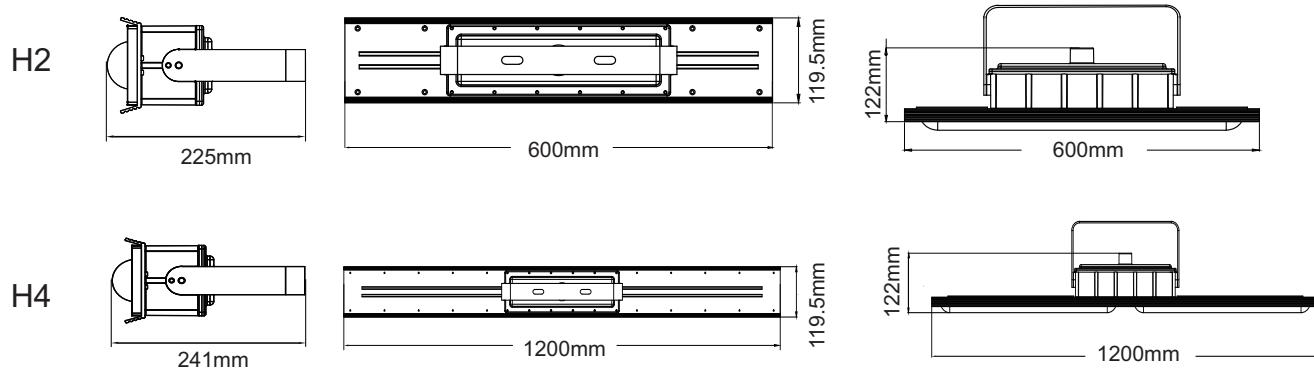
Specification	EX-40W-H4N***	EX-60W-H4N***	EX-80W-H4N***
Ambient Operating Temperature	-40°C to 60°C (-40°F to 140°F)		

• Mechanical

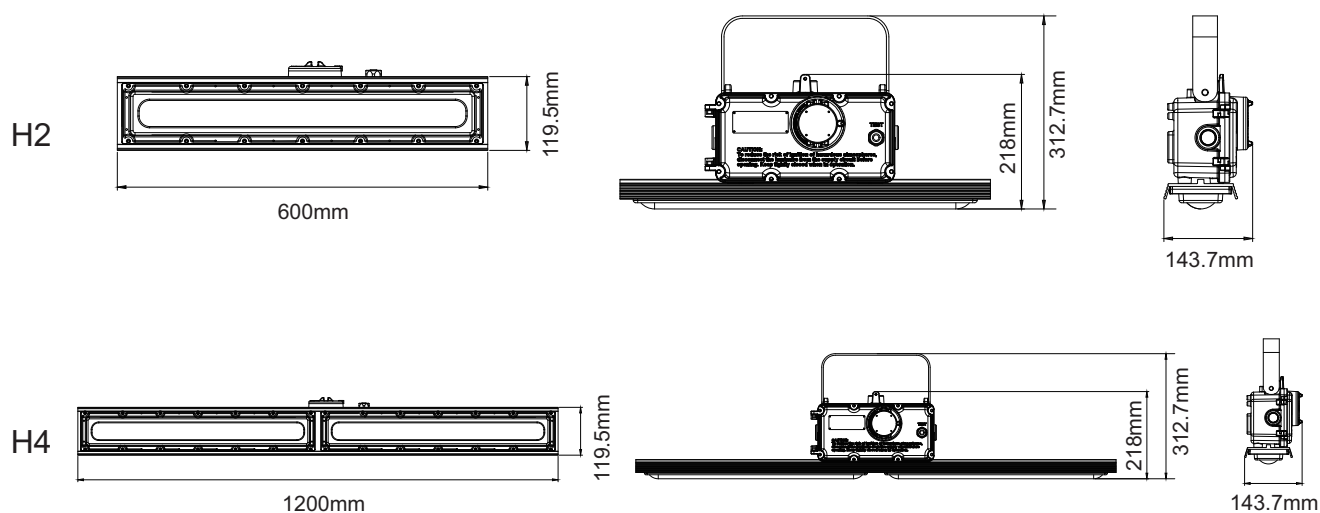
Specification	EX-40W-H4N***	EX-60W-H4N***	EX-80W-H4N***
Housing Material	Copper-free aluminum		
Diffuser	PC		
Hardware	Stainless steel		
Protection	IP66/IP67/IK08 (glass cover)/IK10 (with wire guard)/1000 hours salt spray		
Mounting	Ceiling, Wall, Pole, Pendant, Chain		
Cable Entries	Regular Model	Top: M25(standard), M20 Two sides: M16(standard), M25, M20	
	Side Opening Cover Model	Top: M25(standard), M20 Two sides: M25(standard), M20; plug or cable entry optional	

Product Dimensions

Regular Model



Side Opening Cover Model (Convex Glass)



• Packing Information

Model	Net Weight	Gross Weight	Quantity/Carton	Package Dimensions (LxWxH)
H2 (Regular)	4.0 kg	10.25 kg	2 pcs	710x430x320mm
H4 (Regular)	5.5 kg	14.5 kg	2 pcs	1320x420x330mm
H2 (Side Opening Cover Model)	4.0 kg	10.25 kg	2 pcs	710x430x320mm
H4 (Side Opening Cover Model)	5.5 kg	14.5 kg	2 pcs	1320x420x330mm

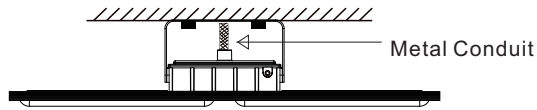


1. Wattage	2. Length Code	3. Color Temperature Options
H2: 20/40W H4: 40/60/80W	Can be 2 or 4	Can be 27 to 70, denotes 2700K to 7000K

4. Beam Angle Optional	5. Long Lens Cover Optional
D120=120°	C: long lens cover Blank: no long lens cover

Mounting Methods and Accessories

• Option 1: Ceiling Mounting



• Accessory

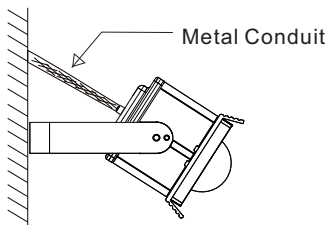


Bracket



**Metal Conduit
EX-NG**

• Option 2: Wall Mounting



• Accessory

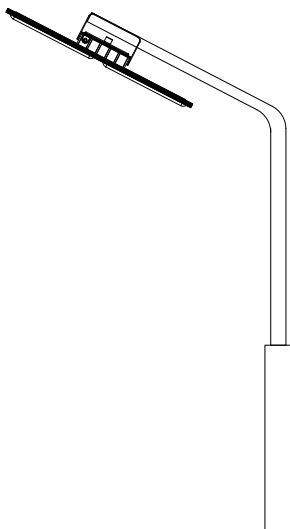


Bracket



**Metal Conduit
EX-NG**

• Option 3: Pole Mounting



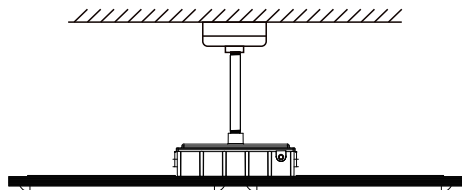
• Accessory



Bracket

Mounting Methods and Accessories

- Option 4: Pendant Mounting



- Accessories

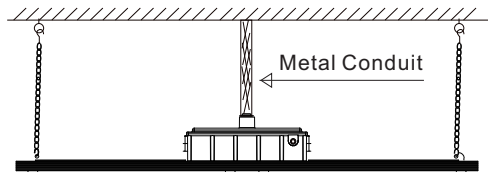


Junction Box
EX-HD51-KB1



Pole
Ex-Straight Pipe

- Option 5: Chain Mounting



- Accessories



Pendant Chain
Ex-Straight Chain



Metal Conduit
EX-NG