HLHS-V

Hazardous Location LED Linear Luminaire, H Series, 20 W to 80 W, IP66

Hazardous Location LED Linear Luminaire



Regular model





Side opening cover model (flat glass)





Side opening cover model (convex PC)

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, IK08 / IK10 certified
- Copper-free aluminum housing, great corrosion resistance and cooling performance

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

Compliance

- UL 844 Hazardous Locations
- Class I Division 2, Group A, B, C, D
- Class II Division 2, Group F, G
- Class III
- Class I, Zone 2, Group IIC
- Class II, Zone 21, Group IIIC
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 924 Emergency Lighting
- CSA C22.2#250.0:2021 Ed.5
- CSA C22.2#137:2018 Ed.2
- ETL (ATM for Report 105342415DAL-001)
- ABS
- DLC
- IP66
- IK08 (glass cover); IK10 (with wire guard)
- 1000 hours salt spray

Electrical

Model	20W (H2)	40W (H2)	40W (H4)	60W (H4)	80W (H4)
Rated power	20W	40W	40W	60W	80W
Input voltage	100-277 / 200-480VAC, 12-36VDC				
Frequency / power factor	50/60Hz / > 0.95				
Emergency time*	3 hours (*emergency function optional)				

Optical

Model	20W (H2)	40W (H2)	40W (H4)	60W (H4)	80W (H4)
Lumen output	2800lm	5600lm	5600lm	8400lm	11200lm
Lumens per watt	140lm/W				
CCT / CRI	2700K-6500K / > 70				
Beam angle / dimming	120° / 0-10V dimming				

Environmental and Mechanical

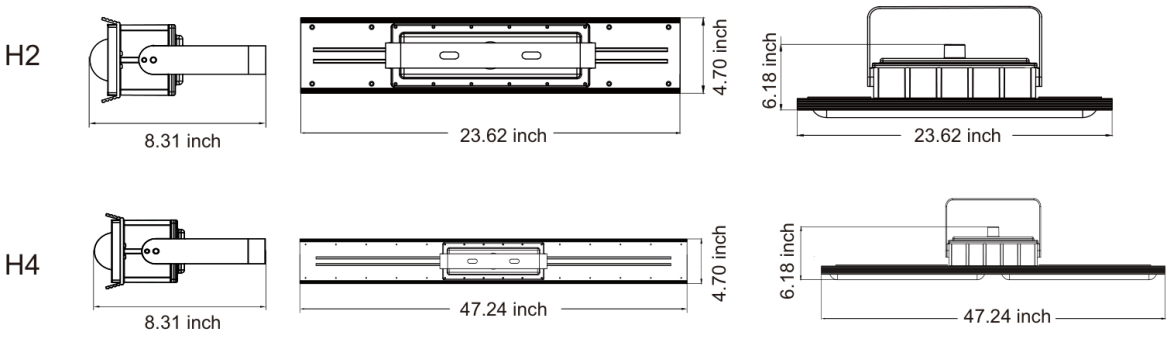
Ambient temperature	-40°C to 60°C (-40°F to 140°F); temperature code T3
Lumen maintenance	L70 > 150,000 operation hours @ 55°C
Housing / hardware	Copper-free aluminum / Stainless steel
Diffuser	Clear flat glass / convex PC (clear or milky white)
Protection	IP66 / IK08 (glass cover) / IK10 (with wire guard) / 1000 hours salt spray
Mounting	Ceiling, wall, pole, pendant, chain
Cable entries, regular	Top: 3/4" NPT (standard), 1/2" NPT. Two sides: 3/4" NPT (standard), 1/2" NPT.
Cable entries, side opening	Top: 3/4" NPT (standard), 1/2" NPT. Two sides: 3/4" NPT (standard), 1/2" NPT; plug or cable entry optional.
Warranty	5-year standard warranty

HLHS-V

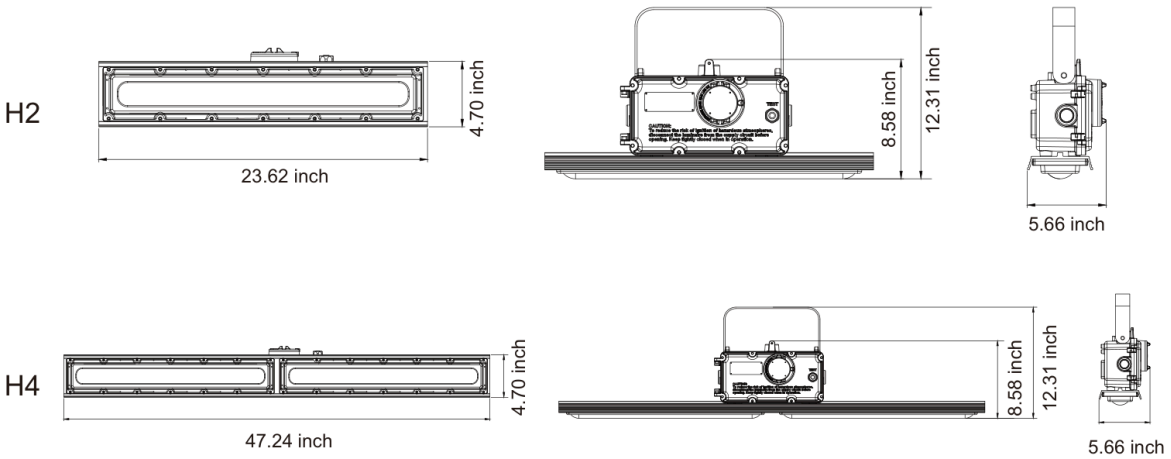
Hazardous Location LED Linear Luminaire, H Series, 20 W to 80 W, IP66

Dimensions, inch

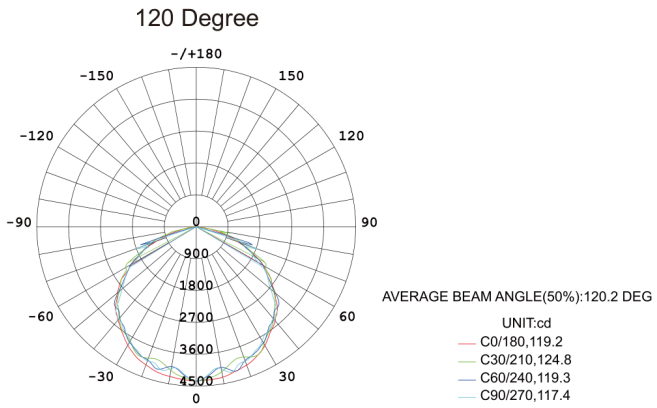
Regular Model



Side Opening Cover Model (Convex Glass)



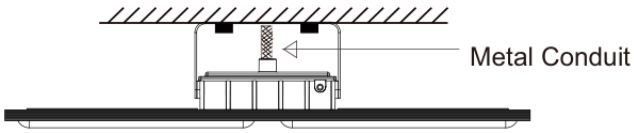
Photometric, 120 degree



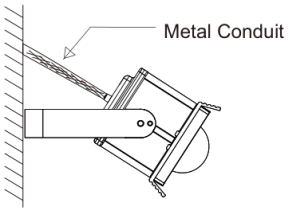
HLHS-V

Hazardous Location LED Linear Luminaire, H Series, 20 W to 80 W, IP66

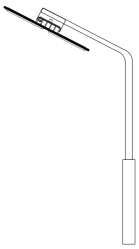
Mounting Methods and Accessories



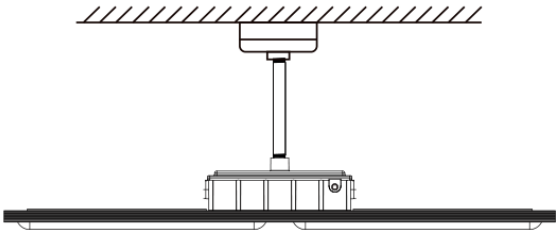
1. Ceiling mounting



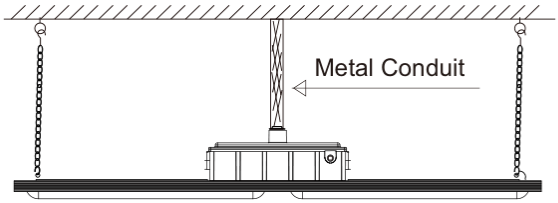
2. Wall mounting



3. Pole mounting



4. Pendant mounting



5. Chain mounting

Accessories



Bracket



Metal conduit
EX-NG



Junction box
EX-HD51-KB1



Pole
Ex-Straight Pipe



Pendant chain
Ex-Straight Chain

Ordering Guide

Model HLHS-V	Input watts	Shell shape	Dim- ming	CCT	Beam angle	Spherical glass	Optional
1	2	3	4	5	6	7	8

Example: HLHS-V-40W-H4-D-40-D120 (40 W, H4 shell, dimmable, 4000K, 120 degree beam; [n] = position n, left blank)

#	Field	Options
1	**Model**	HLHS-V (hazardous location linear luminaire, H Series)
2	**Input wattage**	H2: 20 / 40W H4: 40 / 60 / 80W
3	**Shell shape series**	H2 H4
4	**Dimming**	D = Dimmable N = Non-dimmable
5	**CCT**	27 to 70 = 2700K to 7000K, in 100K steps (maximum 7000K)
6	**Beam angle**	D120 = 120°
7	**Spherical glass cover**	C = Spherical glass Blank = no spherical glass cover
8	**Optional**	-1 = NA (optional)

DLC: For the exact DLC listing and DLC SKU, please contact Paraflex.

Disclaimer:

Due to the rapid pace of technology change in the Lighting industry, the Information and Data presented in this spec sheet is for reference purposes only, please confirm with Paraflex Industries 2006,Inc. at the time of finalizing the order or design. Paraflex Industries 2006,Inc. does not warrant or represent that the information is free from errors or omission. The information may change without notice and Paraflex Industries 2006,Inc. is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.