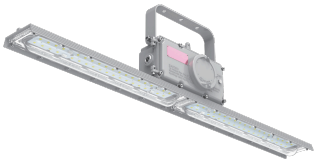
HLHS-V-T

Hazardous Location LED Linear Luminaire, H Series, Selectable Power and CCT, 30 W to 80 W, IP66

Hazardous Location LED Linear Luminaire



H2



H4

The H Series LED luminaire is the ideal choice for marine and hazardous applications where a linear design is required. It 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. Power and CCT are selectable on the luminaire.

Features

- Selectable power and CCT (DIP switch)
- 1-10V dimming
- Emergency backup 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
- Side-opening front cover
- Separate power chamber and light source chamber for superior thermal management

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 1, Group E, F, G
- Class II Division 2, Group F, G
- Class III
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- UL 924 Emergency Lighting
- ABS
- Vibration 3G
- NEMA 4X
- IP66
- IK10

Electrical

Model	30W (H2)	40W (H2)	60W (H2)	40W (H4)	60W (H4)	80W (H4)
Selectable power	30W	40W	60W	40W	60W	80W
Input voltage	120-277VAC or 277-480VAC (see ordering guide)					
Frequency / power factor	50/60Hz / > 0.95 @120V					
Service life / salt spray	Up to 50,000 hours / 500 hours					
Dimming	1-10V dimming (requires separate 1-10V DC dimming circuit)					

Optical

Model	30W (H2)	40W (H2)	60W (H2)	40W (H4)	60W (H4)	80W (H4)
Lumen output	4800lm	6400lm	9600lm	7200lm	10800lm	14400lm
Lumens per watt	160lm/W	160lm/W	160lm/W	180lm/W	180lm/W	180lm/W
Selectable CCT / CRI	4000K / 5000K / 6500K / > 70					
Beam angle	120°					
LED	Long-life, high-efficacy 2835 LEDs; 100,000-hour lifespan based on IES LM-80 and TM-21					

Environmental and Mechanical

Ambient temperature	T5: -40°C to 65°C (-40°F to 149°F) (Class I and II)
Housing / diffuser	Copper-free aluminum / Clear
Gasket / hardware	Silicone rubber / Stainless steel 304
Protection	IP66 / IK10 / NEMA 4X
Mounting	Ceiling and wall (included); pole, pendant, stanchion 25° / 90° (purchased separately)
Cable entries	2 x 3/4" NPT (sides); 1 x 3/4" NPT (top)
Warranty	5-year limited warranty on fixture; 3-year limited warranty on battery backup

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Hazardous Location LED Linear Luminaire, H Series, Selectable Power and CCT, 30 W to 80 W, IP66

Power and CCT Selection (DIP switches)

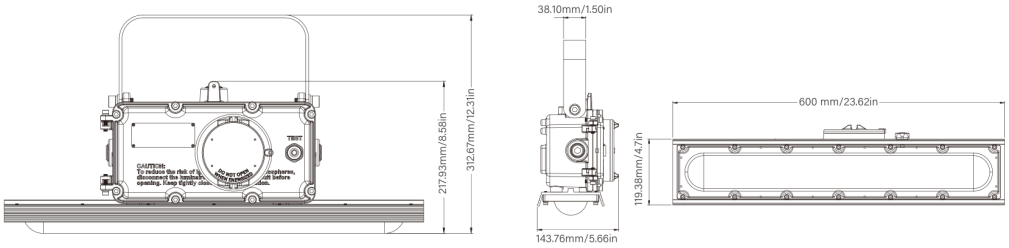
S1 power	Dial 1	Dial 2	H2	H4
Maximum output	OFF	OFF	60W	80W
Medium output	ON	OFF	40W	60W
Minimum output	OFF	ON	30W	40W

S2 CCT	Dial 1	Dial 2	CCT
Cool white	OFF	OFF	6500K
Neutral white	ON	OFF	5000K
Warm white	ON	ON	4000K

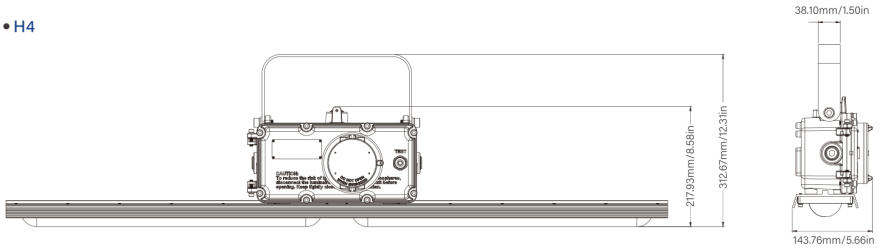
Factory default settings and power levels can be customized according to order requirements.

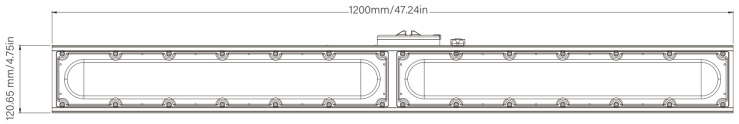
Dimensions, mm [inch]

•H2

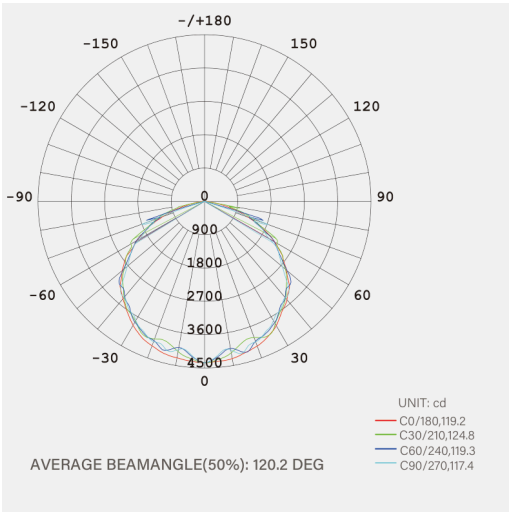


• H4





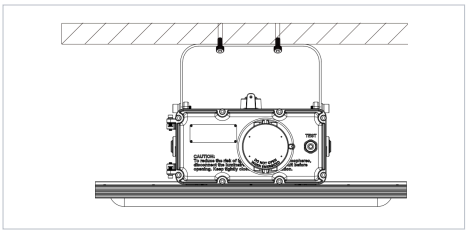
Photometric, 120 degree



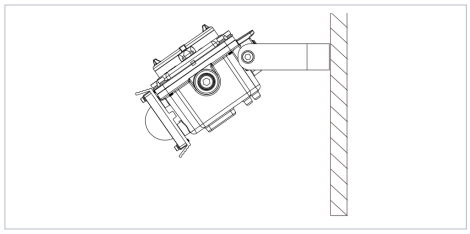
HLHS-V-T

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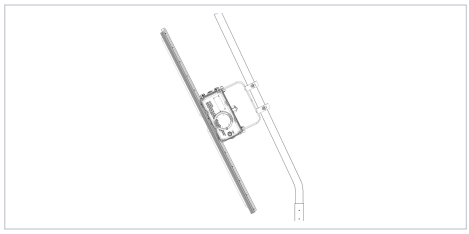
Mounting Methods



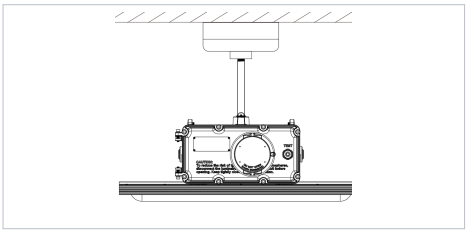
1. Ceiling mounting



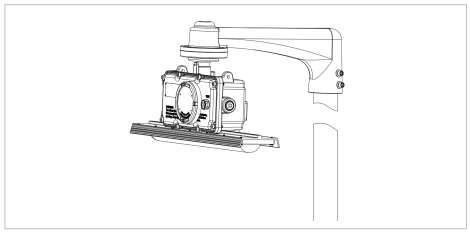
2. Wall mounting



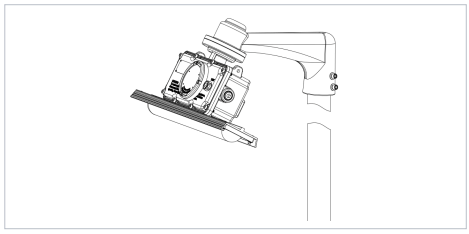
3. Pole mounting



4. Pendant mounting



5. Stanchion mounting 25°



6. Stanchion mounting 90°

Accessories (purchased separately)



Bended Pipe



Straight Pipe



Hook



Straight Chain



Slip Fitter Kit



90° Wall Mount Kit



25° Wall Mount Kit



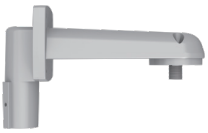
90° Stanchion Mount Kit



25° Stanchion Mount Kit



MArm



90° PSupport



25° PSupport



HD51-KYD 90°



HD51-KYD 25°



HD51-KB1 junction box

Ordering Guide

Example: HLHS-V-T-60W-H2-D-50-D120-A-H-V75-T-E

#	Field	Options
1	**Model**	HLHS-V-T (H Series hazardous location linear luminaire, selectable power and CCT)
2	**Input wattage**	H2: 30 / 40 / 60W H4: 40 / 60 / 80W (selectable)
3	**Lamp enclosure heatsink**	H2 H4
4	**Dimming**	D = Dimmable Blank = Non-dimmable
5	**CCT**	50 = 4000K / 5000K / 6500K (selectable)
6	**Beam angle**	D120 = 120°
7	**Driver box cover**	A = Driver box cover A Blank = Driver box cover B
8	**Input voltage**	Blank = 120-277V H = 277-480V M = 120-347V
9	**LED driver**	V75 / V10 (120-277V, H2 / H4) A65 / A10 (277-480V, H2 / H4)
10	**Dual tunable**	T = With tunable (power and CCT)
11	**Backup power**	Blank = Without backup -E = With backup power source

Disclaimer:
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