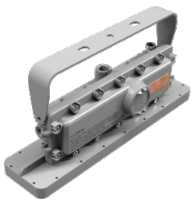
HLIS-V

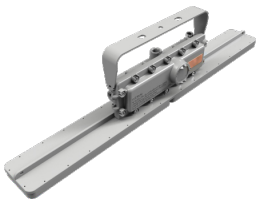
Hazardous Location LED Linear Luminaire, I Series, 20 W to 200 W, IP66

Hazardous Location LED Linear Luminaire

I2



I4



The I Series LED luminaire is the ideal choice for marine and hazardous applications where a linear design is required. The power box can be opened from the side by opening the M75 circular cover, without the need to loosen multiple screws, for easy and convenient installation and maintenance.

Features

- Stainless-steel hardware, great anti-corrosion
- Copper-free aluminum housing, excellent corrosion resistance
- UV-stable, impact-resistant clear tempered glass lens
- High-quality SMT LED, efficacy up to 130 lumens per watt
- Available in two lengths: 2 feet (I2), 4 feet (I4)
- Side-opening power box with M75 circular cover
- 0-10V dimming optional
- Optional emergency function

Application

- Power Plants
- Heavy industrials storage facility
- Paper mills
- Wastewater Treatment Plants
- Loading docks platforms
- Offshore environments
- Chemical processing facility
- Petrochemical processing facility
- Food and alcohol industry

Compliance

- UL 844 Hazardous Locations
- Class I Division 1, Groups C, D
- 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
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type
- IP66
- IK08

Electrical

Model	I2	I4
Rated power	20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100W	20 / 40 / 60 / 80 / 100 / 120 / 150 / 180 / 200W
Input voltage	100-277VAC / 200-480VAC	
Frequency / power factor	50/60Hz / > 0.95	
Emergency	Optional (1.5 hours)	

Optical

Model	I2	I4
Lumen output	2,600-13,000lm	2,600-26,000lm
Efficacy	130lm/W	
CCT / CRI	2000K / 3000K / 4000K / 5000K / 5700K / 6500K / 7500K / > 70	
Beam angle	120°	
Dimming	0-10V dimming optional	
Lifespan	LED lumen maintenance: L70 > 150,000 operation hours @55°C	

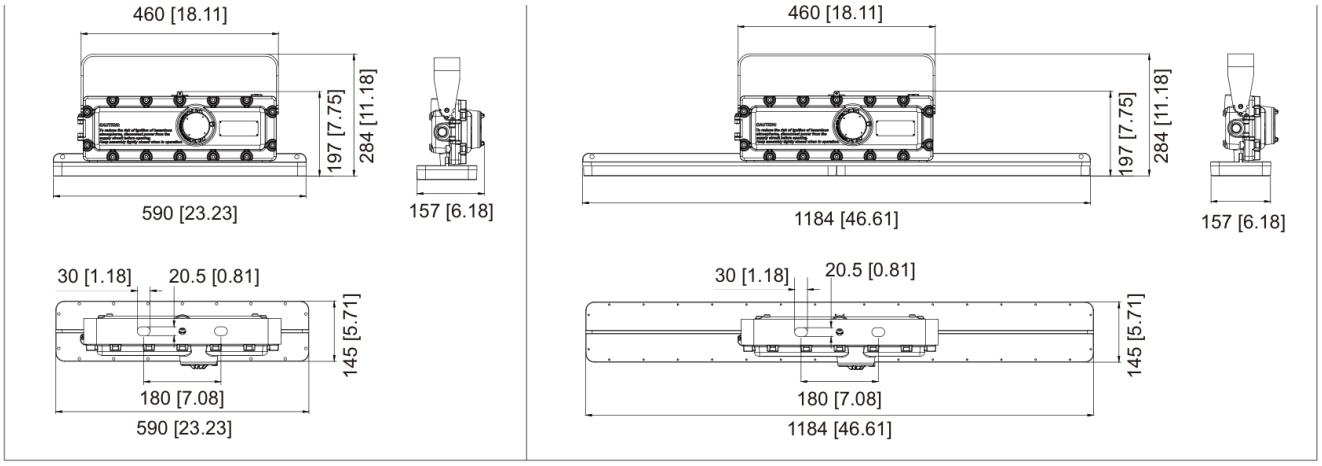
HLIS-V

Hazardous Location LED Linear Luminaire, I Series, 20 W to 200 W, IP66

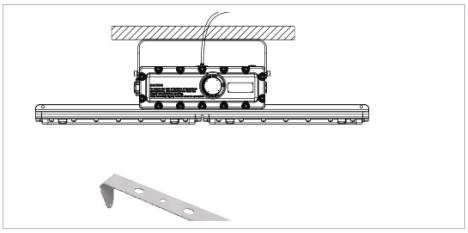
Environmental and Mechanical

Ambient temperature	-40°C to +40°C (T6); -40°C to +60°C (T5); -40°C to +66°C (T4)
Housing / diffuser	Copper-free aluminum / Tempered glass
Hardware	Stainless steel
Protection	IP66 / IK08
Mounting	Ceiling, pole, wall, chain, pendant
Cable entries	Top: 3/4" NPT (standard), 1/2" NPT. Both sides: 3/4" NPT (standard), 1/2" NPT
Warranty	5 years

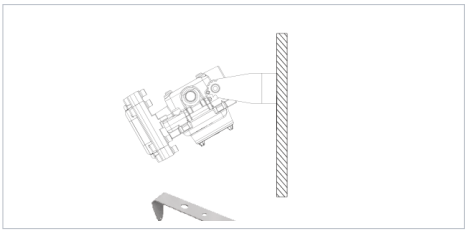
Dimensions, mm [inch]



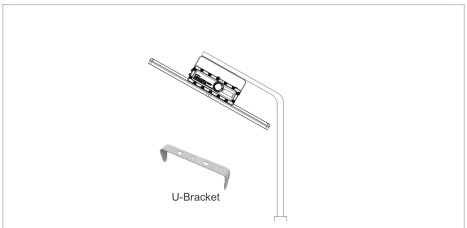
Mounting Methods



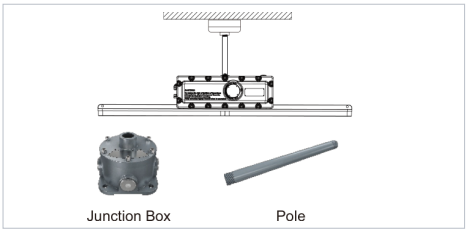
1. Ceiling mounting



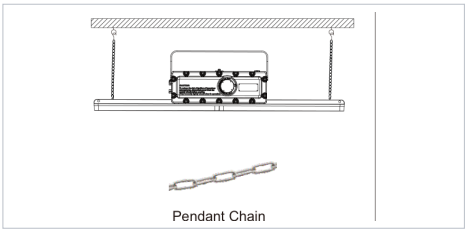
2. Wall mounting



3. Pole mounting



4. Pendant mounting

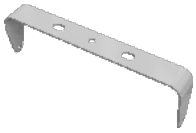


5. Chain mounting

HLIS-V

Hazardous Location LED Linear Luminaire, I Series, 20 W to 200 W, IP66

Accessories (purchased separately)



U-Bracket



Ex-Straight Pipe



Ex-Straight Chain



EX-HD51-KB1 junction box

Ordering Guide

Example: HLIS-V-60W-I2-D-30-D30-CFG-A-A-1-H-1

#	Field	Options
1	**Model**	HLIS-V (I Series hazardous location linear luminaire)
2	**Rated input wattage**	I2: 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100W I4: 20 / 40 / 60 / 80 / 100 / 120 / 150 / 180 / 200W
3	**Lamp enclosure heatsink**	I2 I4
4	**Dimming**	D = Dimmable
5	**CCT**	20 = 2000K 30 = 3000K 40 = 4000K 50 = 5000K 57 = 5700K 65 = 6500K 75 = 7500K
6	**Beam angle**	D30 = 30° D45 = 45° D60 = 60° D90 = 90° D120 = 120° T2 = 60° T3 = 90° T5 = 120°
7	**Diffuser type**	CFG = Clear flat glass
8	**Driver box cover**	C = Driver box cover C
9	**Lens cover type**	A = Lens cover A B = Lens cover B C = Lens cover C D = Lens cover D
10	**LED type**	1 = 5050 LED 2 = 2835 LED
11	**Input voltage**	H = 277-480V L = 120-277V M = 120-347V
12	**Driver series**	1, 2, 3, 4 or 5

Disclaimer:
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