



Linear High Temperature Hazardous Location



LL-LHTHL

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The LITELUME™ Linear High Temperature Hazardous Location (LL-LHTHL) Class 1, Division 2 Luminaire is designed for extreme heat, high risk applications withstanding ambient temperatures of 185, and up to 230 degrees Fahrenheit.



RATINGS & CERTIFICATES

NEMA 4X • IP66 • IK10 • UL1598 • UL1598A
UL844 • CSA C22.2 No.137/No.250.0 • 3G Vibration
Class 1, Division 2, Groups A, B, C, D
Class 2, Division 2, Groups F, G • Class 3
Marine and Wet Locations • Salt Spray 500 Hours

APPLICATIONS

Metal Treatment • Power Plants
Petrochemical Plants • Oil/Gas Refineries
Heavy Industrial • High Temperature Facilities

PERFORMANCE DATA

Lumen Output	1300 - 13,000 lm
Lumens Per Watt (typical)	130 lm/W
CCT	1800K 2000K 2700K 3000K 4000K 5000K 5700K 6000K 6500K
Lifespan	Features Premium Meanwell Driver with up to 78,000 running hours

FIXTURE INFORMATION

Size	Housing	Finish	Diffuser	Gasket	Hardware
10W - 100W	ADC12A High Pressure Die-Cast Aluminum	Powder Coat Over a Chromate Conversion Coating	Frosted Glass	Silicone Rubber	Stainless Steel 304
Mounting		Optics	Electrical		Warranty
- Ceiling, Wall Mount with Standard U-Bracket - Optional: Suspended Mount, and Pole Mount - Top Opening 3/4 NPT Standard		- CRI 80 - Beam: 120°	120V or 277V - Standard Non-Dimming - PF .95 • THD <20%		10 Years *

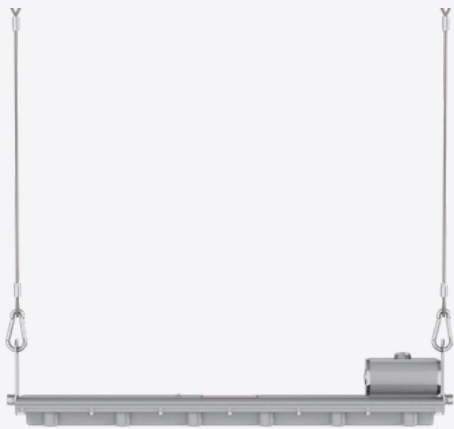
* **NOTE:** LITELUME new LED lighting fixtures in Harsh & Hazardous environments Class 1 & Class 2, when delivered in new condition in its original packaging and installed properly by a licensed electrician, will be free of defects in workmanship for a period of TEN (10) YEARS from the date of original purchase. Litelume warrants these fixtures for (10) YEARS or 50,000 hours of which comes first. The LED driver and other internal components are warranted for *(5) YEARS or 50,000 hours of which comes first. *Three (3) YEARS if under continuous high temperature environment.



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AMBIENT TEMPERATURE		
Model	Part #	Temperature Class
2 FT	LL-LHTHL-2-20	T4A: -40°F to +221°F
	LL-LHTHL-2-30	T4A: -40°F to +212°F
	LL-LHTHL-2-40	T4A: -40°F to +203°F
	LL-LHTHL-2-50	T4A: -40°F to +185°F
4 FT	LL-LHTHL-4-10	T4A: -40°F to +230°F
	LL-LHTHL-4-20	T4A: -40°F to +230°F
	LL-LHTHL-4-30	T4A: -40°F to +221°F
	LL-LHTHL-4-40	T4A: -40°F to +221°F
	LL-LHTHL-4-50	T4A: -40°F to +212°F
	LL-LHTHL-4-60	T4A: -40°F to +203°F
	LL-LHTHL-4-80	T4A: -40°F to +203°F
	LL-LHTHL-4-100	T4A: -40°F to +176°F

BENEFITS & FEATURES



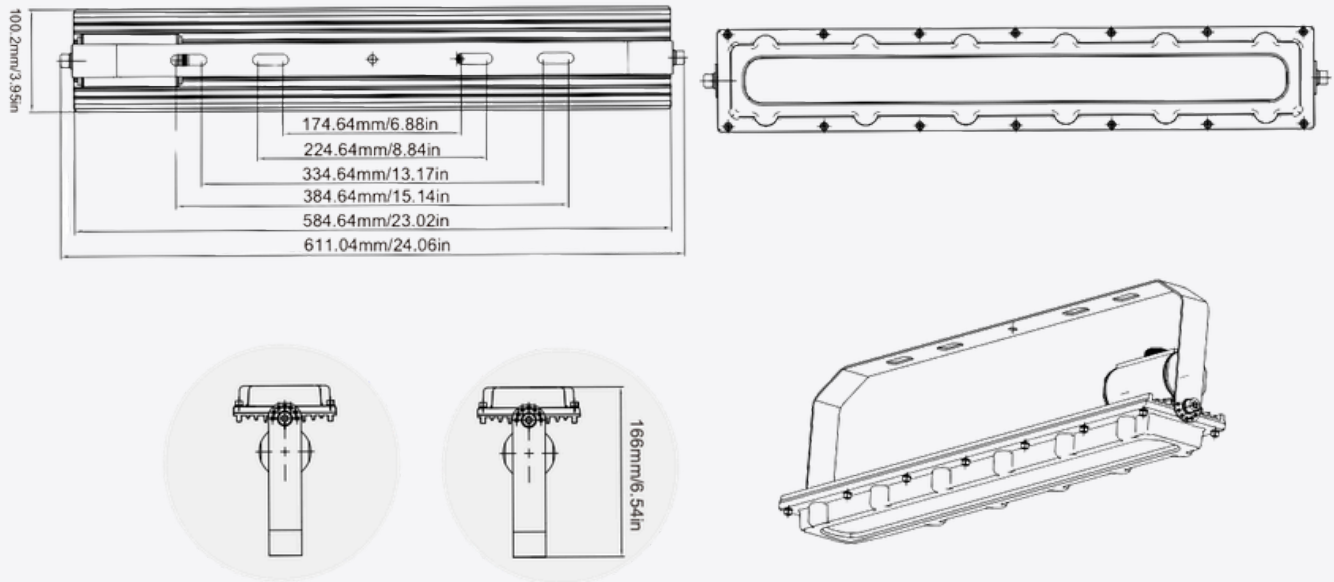
- Temperature resistance from -40°F to 230°F with explosion-proof protection for harsh environments.
- Lightweight design with efficient heat dissipation for stable performance in high temperatures.
- High luminous efficiency with low energy loss for energy saving and long-term use.
- Flexible installation options with easy-maintenance structure.
- Made of corrosion-resistant and impact-resistant materials for extended durability.
- Modular design allows easy replacement, optional accessories, and is available in 2-ft and 4-ft lengths.



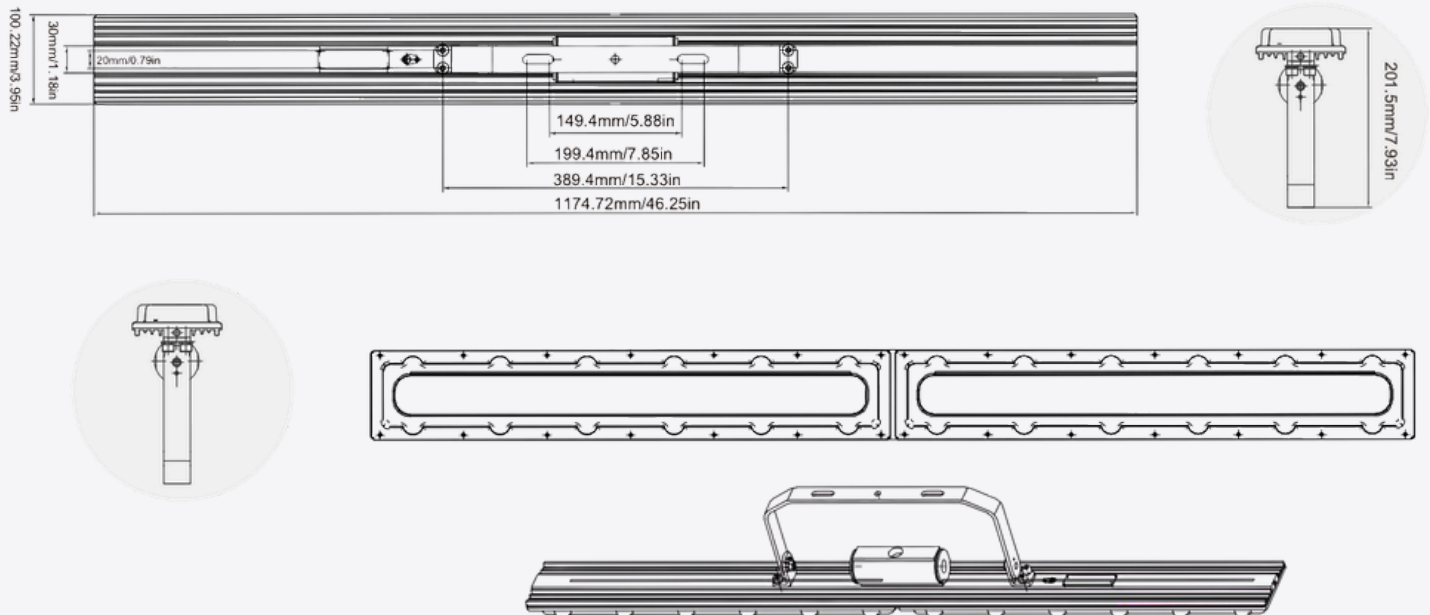
Linear High Temperature Hazardous Location

DIMENSIONS

LL-LHThL-2



LL-LHThL-4

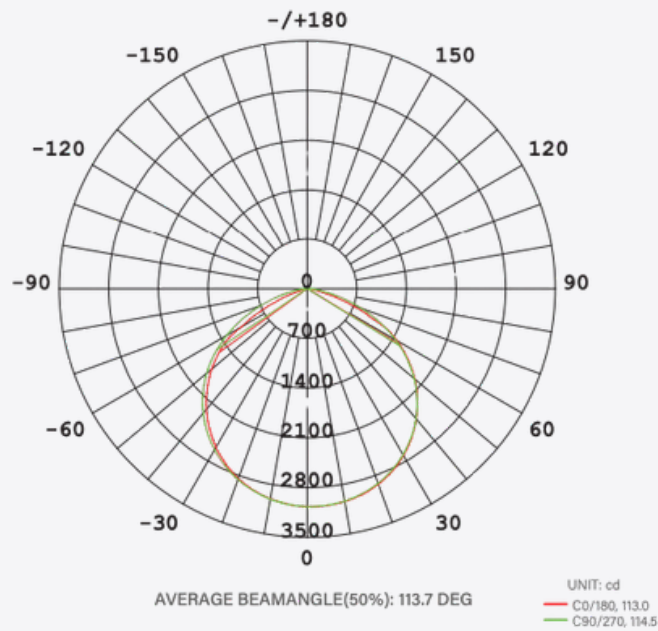




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PHOTOMETRICS

120 Degree



ACCESSORIES

PM-M1



Configured for Pole Mounting

SM-M2-SC39



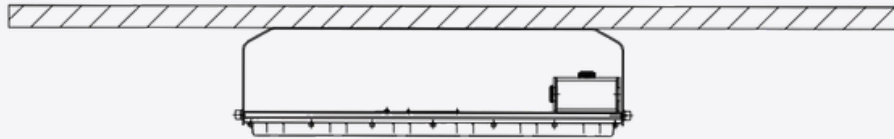
Suspended Mount with Straight Chain 39"

*** MUST ORDER 2 PER FIXTURE**



MOUNTING METHODS FOR LL-LHTHL-2

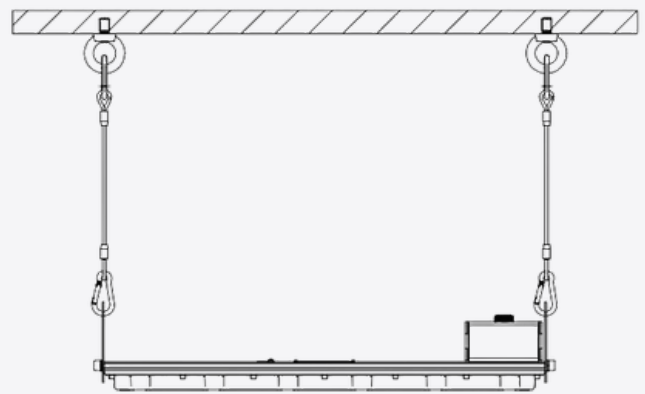
Standard U-Bracket for Ceiling and Wall Mount



Pole Mount

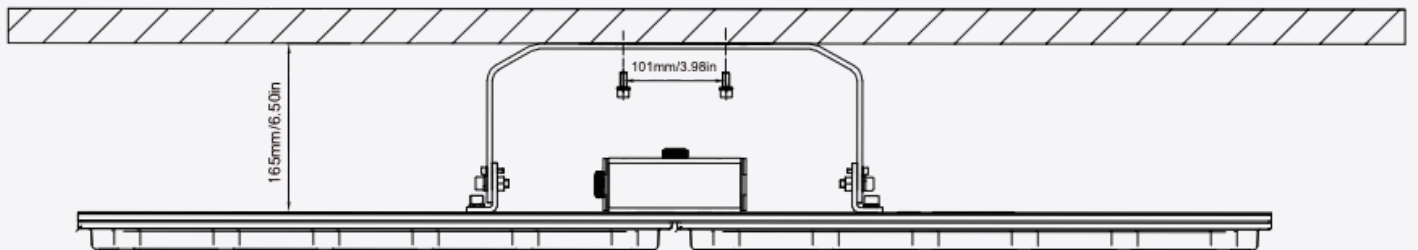


Suspended Mount



MOUNTING METHODS FOR LL-LHTHL-4

Standard U-Bracket for Ceiling and Wall Mount

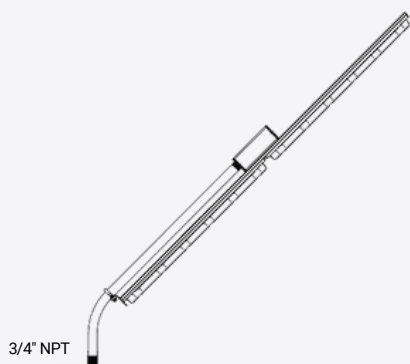




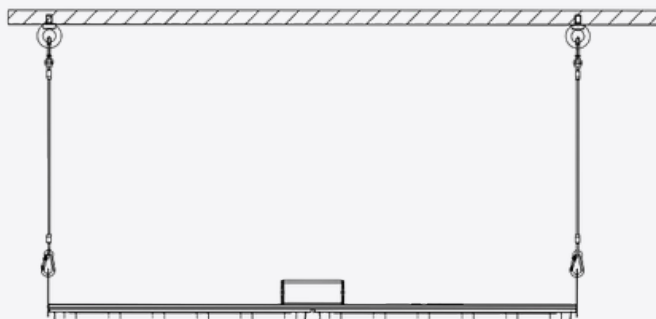
Linear High Temperature Hazardous Location

MOUNTING METHODS FOR LL-LHTHL-4

Pole Mount



Suspended Mount



PACKING INFORMATION

Model	Package Dimensions	Net Weight	Gross Weight	Qty
LL-LHTHL-2	675×195×235mm / 26.57×7.68×9.25inch	2.45kg/5.40lb	3.39kg/7.47lb	1 pc
LL-LHTHL-4	1239×190×230mm / 48.78×7.48×9.06inch	4.9kg/10.80lb	6.9kg/15.21lb	1 pc



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PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand	Fixture Type	Size	Wattage
LL LITELUME	LHHL Linear High Temperature Hazardous Location	2 2' 4 4'	10 10W 50 50W 20 20W 60 60W 30 30W 80 80W 40 40W 100 100W
CCT	Voltage	Color	Accessories
40 4000K 50 5000K	120 120V 277 277V	GY Gray	SM-M2-SC39 Suspended Mount with Straight Chain 39" * PM-M1 Configured for Pole Mounting * Must Order 2 Per Fixture

FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage
LL-LHHL-2-20-50-277-GY	20	2600	5000	277
LL-LHHL-2-20-40-277-GY	20	2600	4000	277
LL-LHHL-2-30-50-277-GY	30	3900	5000	277
LL-LHHL-2-30-40-277-GY	30	3900	4000	277
LL-LHHL-2-40-50-277-GY	40	5200	5000	277
LL-LHHL-2-40-40-277-GY	40	5200	4000	277
LL-LHHL-2-50-50-277-GY	50	6500	5000	277
LL-LHHL-2-50-40-277-GY	50	6500	4000	277



Linear High Temperature Hazardous Location

FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage
LL-LHThL-4-10-50-277-GY	10	1300	5000	277
LL-LHThL-4-10-40-277-GY	10	1300	4000	277
LL-LHThL-4-20-50-277-GY	20	2600	5000	277
LL-LHThL-4-20-40-277-GY	20	2600	4000	277
LL-LHThL-4-30-50-277-GY	30	3900	5000	277
LL-LHThL-4-30-40-277-GY	30	3900	4000	277
LL-LHThL-4-40-50-277-GY	40	5200	5000	277
LL-LHThL-4-40-40-277-GY	40	5200	4000	277
LL-LHThL-4-50-50-277-GY	50	6500	5000	277
LL-LHThL-4-50-40-277-GY	50	6500	4000	277
LL-LHThL-4-60-50-277-GY	60	7800	5000	277
LL-LHThL-4-60-40-277-GY	60	7800	4000	277
LL-LHThL-4-80-50-277-GY	80	10400	5000	277
LL-LHThL-4-80-40-277-GY	80	10400	4000	277
LL-LHThL-4-100-50-277-GY	100	13000	5000	277
LL-LHThL-4-100-40-277-GY	100	13000	4000	277
LL-LHThL-2-20-50-120-GY	20	2600	5000	120
LL-LHThL-2-20-40-120-GY	20	2600	4000	120
LL-LHThL-2-30-50-120-GY	30	3900	5000	120
LL-LHThL-2-30-40-120-GY	30	3900	4000	120
LL-LHThL-2-40-50-120-GY	40	5200	5000	120
LL-LHThL-2-40-40-120-GY	40	5200	4000	120



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FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage
LL-LHThL-2-50-50-120-GY	50	6500	5000	120
LL-LHThL-2-50-40-120-GY	50	6500	4000	120
LL-LHThL-4-10-50-120-GY	10	1300	5000	120
LL-LHThL-4-10-40-120-GY	10	1300	4000	120
LL-LHThL-4-20-50-120-GY	20	2600	5000	120
LL-LHThL-4-20-40-120-GY	20	2600	4000	120
LL-LHThL-4-30-50-120-GY	30	3900	5000	120
LL-LHThL-4-30-40-120-GY	30	3900	4000	120
LL-LHThL-4-40-50-120-GY	40	5200	5000	120
LL-LHThL-4-40-40-120-GY	40	5200	4000	120
LL-LHThL-4-50-50-120-GY	50	6500	5000	120
LL-LHThL-4-50-40-120-GY	50	6500	4000	120
LL-LHThL-4-60-50-120-GY	60	7800	5000	120
LL-LHThL-4-60-40-120-GY	60	7800	4000	120
LL-LHThL-4-80-50-120-GY	80	10400	5000	120
LL-LHThL-4-80-40-120-GY	80	10400	4000	120
LL-LHThL-4-100-50-120-GY	100	13000	5000	120
LL-LHThL-4-100-40-120-GY	100	13000	4000	120

ACCESSORIES ORDERING INFORMATION

Part #	Description
SM-M2-SC39	Suspended Mount with Straight Chain 39" *MUST ORDER 2 PER FIXTURE
PM-M1	Configured for Pole Mounting