High Bay High Temperature Hazardous Location

QUICKSHIP

LL-HBHTHL

High Bay High Temperature Hazardous Location

The LITELUME™ High Bay High Temperature Hazardous Location (LL-HBHTHL) Class 1, Division 2 Luminaire is designed for extreme heat, high risk applications withstanding ambient temperatures of 158, and up to 212 degrees Fahrenheit.

* 10 YEAR WARRANTY · IK10 RATING · ETL LISTED · UL · WET LOCATION · IP66 · C1D2 HAZARDOUS · NEMA

PERFORMANCE DATA

Lumen Output	9900 - 33000 lm
Lumens Per Watt (typical)	110 lm/W
CCT	1800K 2000K 2700K 3000K 4000K 5000K 5700K 6000K 6500K
Lifespan	Features Premium Meanwell Driver with up to 78,000 running hours

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

FIXTURE INFORMATION

Size	Housing	Finish	Diffuser	Gasket	Hardware
90W - 300W	ADC12A High Pressure Die-Cast Aluminum	Powder Coat Over Chromate Conversion Coating	Clear Tempered Glass	Silicone Rubber	Stainless Steel 304

Mounting	Optics	Electrical	Warranty
• Standard: Ceiling Mount, Wall Mount • Optional: Pendant Mount • Top Opening 3/4 NPT Standard (Optional M25)	• 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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LITELUME™ seeks to deliver the most advanced and efficient LED technology. Due to technology progression, specifications may change. We reserve the right to update product specifications without notice. Contact LITELUME™ for the most up-to-date data.

AMBIENT TEMPERATURE		
Model	**Ambient Temperature Range (°F)**	**T-Code**
LL-HBHTHL-S-90	-40°F to 158°F	T5
	-40°F to 194°F	T4A
	-40°F to 212°F	T4
LL-HBHTHL-S-100	-40°F to 158°F	T4A
	-40°F to 185°F	T4A
	-40°F to 212°F	T4
LL-HBHTHL-S-120	-40°F to 158°F	T4A
	-40°F to 185°F	T4A
	-40°F to 203°F	T4
LL-HBHTHL-S-150	-40°F to 158°F	T4A
	-40°F to 167°F	T4A
	-40°F to 194°F	T4
LL-HBHTHL-L-150	-40°F to 158°F	T5
	-40°F to 194°F	T4A
	-40°F to 212°F	T4
LL-HBHTHL-L-200	-40°F to 158°F	T4A
	-40°F to 185°F	T4A
	-40°F to 203°F	T4
LL-HBHTHL-L-240	-40°F to 158°F	T4A
	-40°F to 176°F	T4A
	-40°F to 194°F	T4
LL-HBHTHL-L-300	-40°F to 158°F	T4A
	-40°F to 176°F	T4

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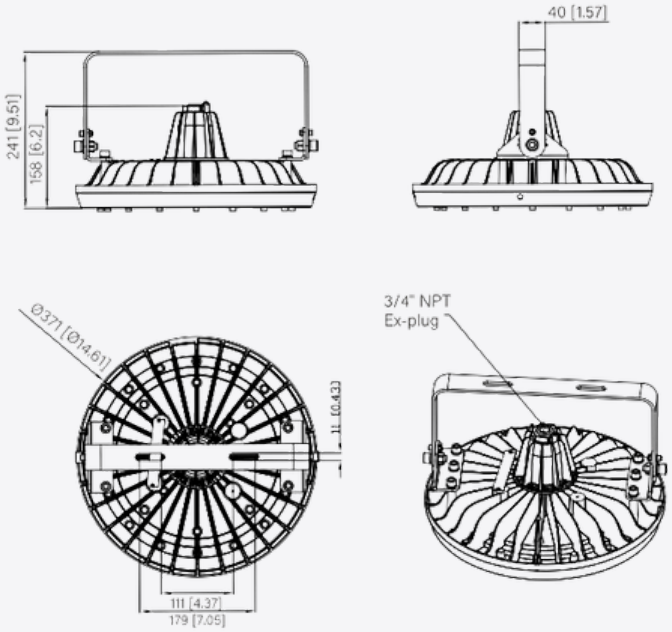
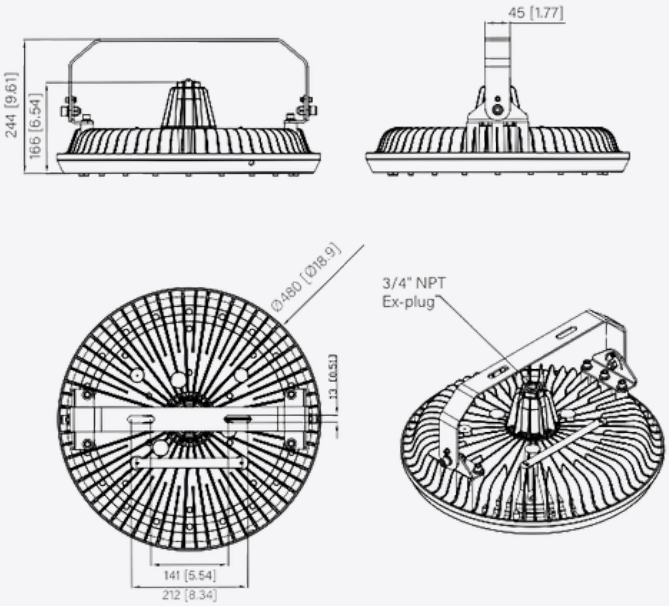
DIMENSIONS

90W - 150W Models

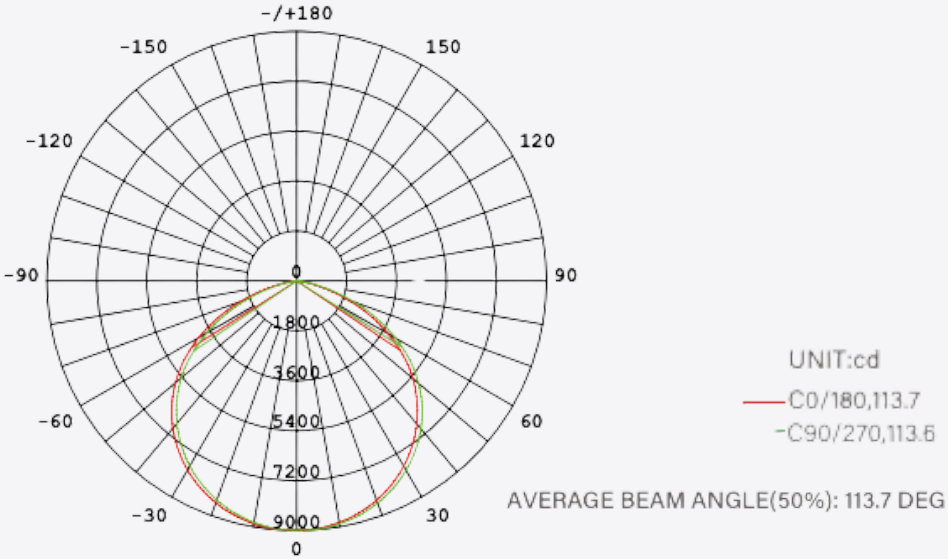


150W - 300W Models



PHOTOMETRICS

120 Degree



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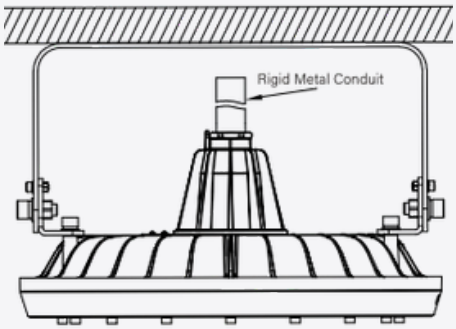
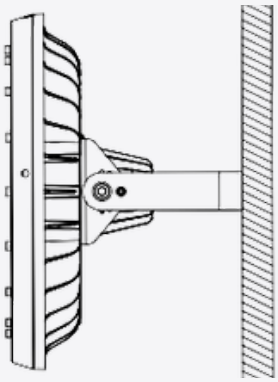
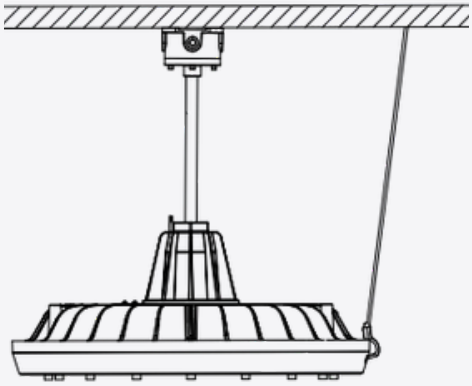
MOUNTING METHODS

Ceiling Mount (Standard)	Wall Mount (Standard)	Pendant Mount (Optional)







ACCESSORIES

PM12	JB

12" Pendant

Junction Box

PACKING INFORMATION

Models	Package Dimensions	Net Weight	Gross Weight	Qty
90W - 150W	480×460×275mm / 18.90×18.11×10.83 in	5.5kg / 12.13 lb	7.85kg / 17.31 lb	1 pc
150W - 300W	575×575×296mm / 22.64×22.64×11.65 in	11.6kg / 25.57 lb	15.5kg / 34.17 lb	1 pc

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PROJECT NAME	
CATALOG #	
JOB TYPE	
PREPARED BY	
NOTES	

ORDERING GUIDE

Brand	Fixture Type	Size	Wattage
LL LITELUME	**HBHTHL** High Bay High Temperature Hazardous Location	**S** Small **L** Large	**90** 90W **200** 200W **100** 100W **240** 240W **120** 120W **300** 300W **150** 150W

CCT	Voltage	Color	Accessories
40 4000K **50** 5000K	**120** 120V **277** 277V	**GY** Gray	**PM12** 12" Pendant **JB** Junction Box

FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage
LL-HBHTHL-S-90-50-277-GY	90	9900	5000	277
LL-HBHTHL-S-90-40-277-GY	90	9900	4000	277
LL-HBHTHL-S-100-50-277-GY	100	11000	5000	277
LL-HBHTHL-S-100-40-277-GY	100	11000	4000	277
LL-HBHTHL-S-120-50-277-GY	120	13200	5000	277
LL-HBHTHL-S-120-40-277-GY	120	13200	4000	277
LL-HBHTHL-S-150-50-277-GY	150	16500	5000	277
LL-HBHTHL-S-150-40-277-GY	150	16500	4000	277

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FIXTURE ORDERING INFORMATION

Part #	Watts	Lumens	Kelvin	Voltage
LL-HBHTHL-L-150-50-277-GY	150	16500	5000	277
LL-HBHTHL-L-150-40-277-GY	150	16500	4000	277
LL-HBHTHL-L-200-50-277-GY	200	22000	5000	277
LL-HBHTHL-L-200-40-277-GY	200	22000	4000	277
LL-HBHTHL-L-240-50-277-GY	240	26400	5000	277
LL-HBHTHL-L-240-40-277-GY	240	26400	4000	277
LL-HBHTHL-L-300-50-277-GY	300	33000	5000	277
LL-HBHTHL-L-300-40-277-GY	300	33000	4000	277
LL-HBHTHL-S-90-50-120-GY	90	9900	5000	120
LL-HBHTHL-S-90-40-120-GY	90	9900	4000	120
LL-HBHTHL-S-100-50-120-GY	100	11000	5000	120
LL-HBHTHL-S-100-40-120-GY	100	11000	4000	120
LL-HBHTHL-S-120-50-120-GY	120	13200	5000	120
LL-HBHTHL-S-120-40-120-GY	120	13200	4000	120
LL-HBHTHL-S-150-50-120-GY	150	16500	5000	120
LL-HBHTHL-S-150-40-120-GY	150	16500	4000	120
LL-HBHTHL-L-150-50-120-GY	150	16500	5000	120
LL-HBHTHL-L-150-40-120-GY	150	16500	4000	120
LL-HBHTHL-L-200-50-120-GY	200	22000	5000	120
LL-HBHTHL-L-200-40-120-GY	200	22000	4000	120
LL-HBHTHL-L-240-50-120-GY	240	26400	5000	120
LL-HBHTHL-L-240-40-120-GY	240	26400	4000	120
LL-HBHTHL-L-300-50-120-GY	300	33000	5000	120
LL-HBHTHL-L-300-40-120-GY	300	33000	4000	120

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ACCESSORIES ORDERING INFORMATION	
Part #	**Description**
PM12	12" Pendant
JB	Junction Box

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