

L1102

High Humidity &
Heat Resistant LED Lighting



60W



80W



Standards

UL 844
UL 1598
UL 8750
IEC 60079
EN 60079
CNS 3376
CSA C22.2 No.250.0

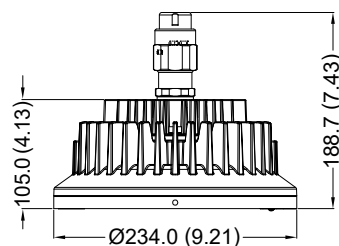
Net Weight: 5.5 kg (12.1 lb)

Technical Data

Rated Voltage (±10%)	110V / 120V / 208V / 220V / 277V AC		
Watts (±10%)	60W / 80W		
Amps	60W 110V: 0.55A, 120V: 0.50A, 208V: 0.29A, 220V: 0.27A, 277V: 0.22A 80W 110V: 0.73A, 120V: 0.67A, 208V: 0.38A, 220V: 0.36A, 277V: 0.29A		
Color of LED Light	3000K (Warm White) / 5000K (Cool White)		
Ambient Temperature	+66°C ~ +85°C		
Power Factor	cos≥0.9		
CRI	Cool White≥70 / Warm White≥80		
Lumen (±10%)	COB	60W	80W
	3000K	5700lm	7600lm
	5000K	6000lm	8000lm
Beam Angle	X-110° / Y-110°		
Frequency	50 / 60 Hz		
Degree of Protection	IP67/ NEMA 6		
Material	●Enclosure	Aluminum alloy	
	●Glass	Tempered glass	
LED Service Life	60,000 hrs*		
Entrance Thread	1 × NPT 3/4"		

Technical drawing of the LED light fixture showing dimensions in millimeters and inches. The drawing includes a side view and a top view. The side view shows a total height of 188.7 mm (7.43 inches) and a mounting bracket height of 105.0 mm (4.13 inches). The top view shows a diameter of 234.0 mm (9.21 inches). The fixture has a central mounting point with a 1/4" NPT thread and a base with a 1/2" NPT thread.

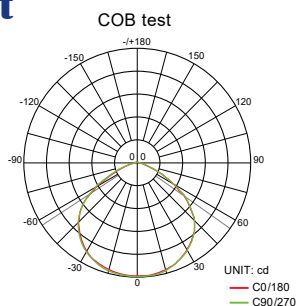
Dimension in Millimeters (inches)



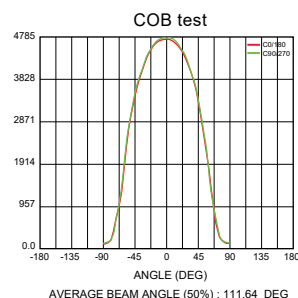
Dimension in Millimeters (inches)

Optical Report

Polar Luminous
Intensity Distribution

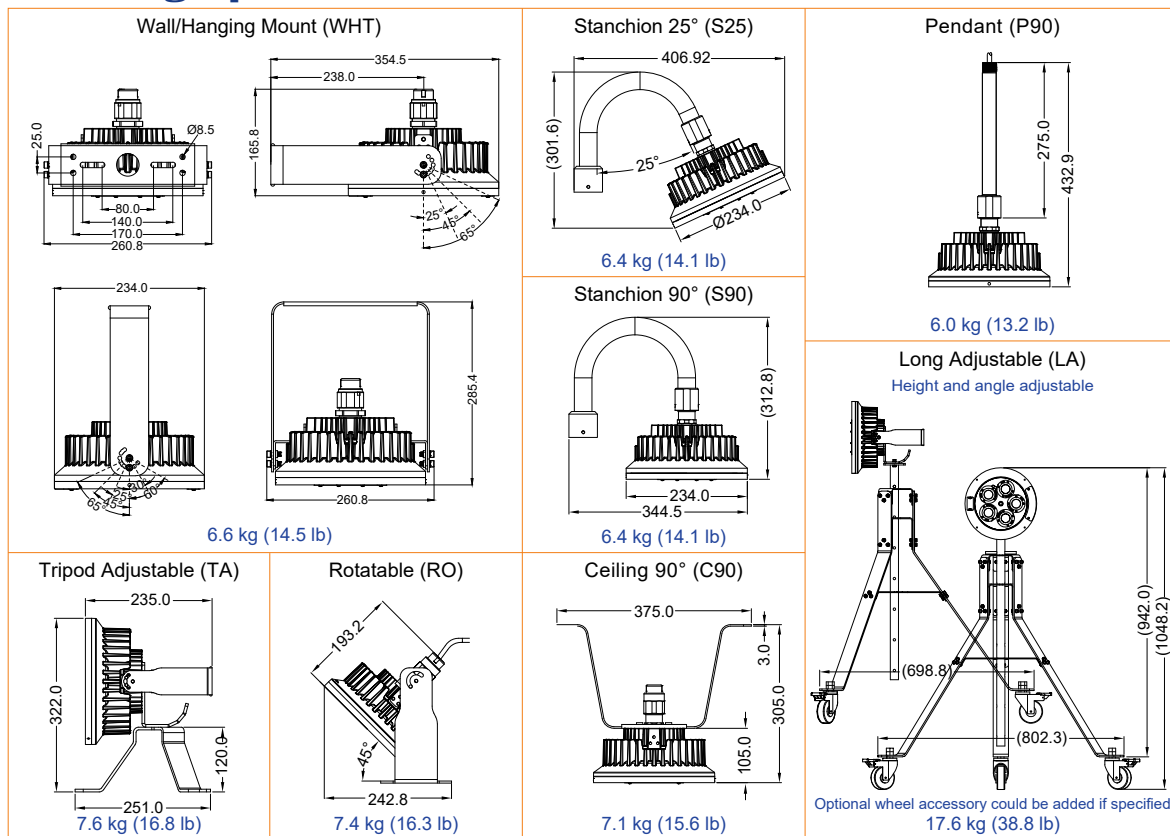


Luminous
Intensity Distribution Diagram

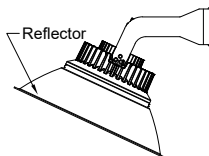
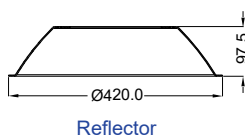


*L70 at 55°C Ambient Temperature *2 years warranty without warranting lumen depreciation.

Mounting Option & Dimensions (All in mm)

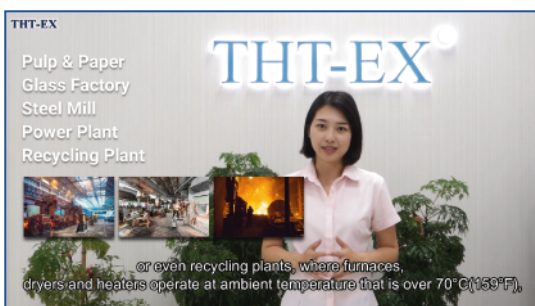


Optional Accessory



Applicable Area

- | | | | |
|-------------------------|-------------|-----------------------|-----------------------|
| • Pulp & Paper Industry | • Smelter | • Automotive Industry | • Cable Manufacturing |
| • Power Plants | • Casthouse | • Textile Industry | • Glass Factory |



LED Lighting Solutions
for High Temperature Areas