

L1102D

60W



Over 1000 hours
of operation at
100 °C ambient
temperature



Net Weight: 5.8 kg (12.8 lb)

High Humidity & Heat Resistant LED Light

- ★ AC LED Driver-less Technology
- ★ Intended for Use in High Ambient Temperature Environments

High Ambient Temperature:

+65°C ~ +100°C (+149°F ~ +212°F)



Standards:

IEC 60079
EN 60079

Applications:

- Pulp & Paper (Cooking and Drying Area)
- Glass Factory (Processing Area)
- Metal Forging or Metal Recycling Plant (Heating or Forging Area)
- Oil & Gas (Furnace Towers or Compressor Rooms)
- Garbage Processing Plant (Burning Area)
- Coal Power Plant (Burning Area)
- Gas Turbine Power Plant (Gas Turbine Area)
- Painting Factory (Drying Area)
- Winery (Distillation Chamber)
- Textile (Dyeing and Finishing Area)
- Food Process (Heating, Cooking or Baking Area)

Protection:

IP67

Electrical:

Rated Voltage (±10%)	120V / 220V AC	
Watts (±10%)	60W	
Amps	120V: 0.5A / 220V: 0.27A	Amp = Watt. / Volt.
Power Factor	$\cos \geq 0.9$	
Frequency	50 / 60 Hz	
LED Service Life	60,000 hrs*	*L70 at 55°C Ambient Temperature
Warranty	1 year warranty without warranting lumen depreciation.	

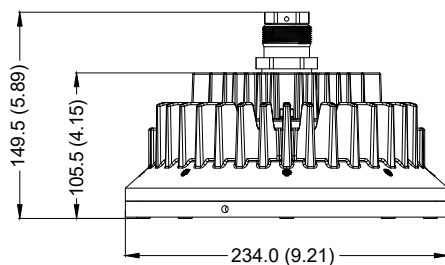
Mechanical:

Enclosure	Aluminum Alloy
Glass	Tempered Glass
Cable Gland	Stainless Steel
Entrance Thread	1 x M25

Optical:

Color of LED Light	5000K (Cool White)
CRI	≥ 70
Beam Angle	X-110° / Y-110°
Lm / W (±10%)	140 lm/w
Lumen (±10%)	8400 lm

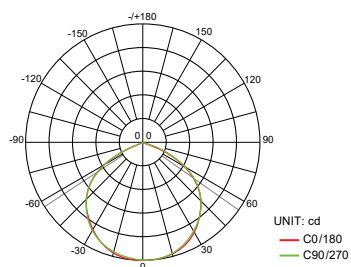
Dimension: In mm (inches)



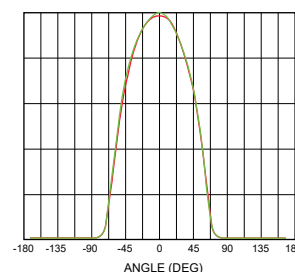
Optical Report:

COB test

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Mounting Option & Dimension : In mm (inches)

Wall Mount 90° (W90-1) 6.9 kg (15.2 lb)	Wall Mount 90° (W90-2) 6.9 kg (15.2 lb)	Hanging Mount 90° (H90-1) 6.9 kg (15.2 lb)	Hanging Mount 90° (H90-2) 6.9 kg (15.2 lb)
Stanchion 25° (S25) 6.7 kg (14.8 lb)	Stanchion 90° (S90) 6.7 kg (14.8 lb)	Ceiling 90° (C90) 6.6 kg (14.6 lb)	Pendant (P90) 6.3 kg (13.9 lb)

Table 1

Length	Part NO.
100.0mm	THT-52500001CO0004
150.0mm	THT-52500001CO0007
200.0mm	THT-52500001CO0005
235.0mm	THT-52500001CO0002