

L1102D



High Humidity & Heat Resistant LED Light

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

High Ambient Temperature:
+65°C ~ +85°C (+149°F ~ +185°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 / 80W
Amps	60W-120V:0.50A, 220V:0.27A / 80W-120V:0.67A, 220V:0.36A Amp = Watt. / Volt.
Power Factor	cos ≥ 0.9
Frequency	50 / 60 Hz
LED Service Life	60,000 hrs* *L70 at 55°C Ambient Temperature
Warranty	2 year warranty without warranting lumen depreciation.

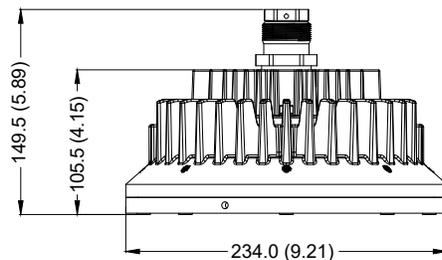
Mechanical:

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%)	142 lm/w
Lumen (±10%)	60W: 8520 lm / 80W: 11360 lm

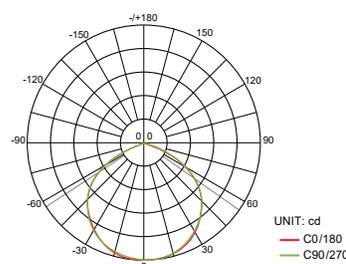
Dimension: In mm (inches)



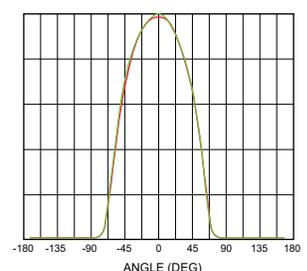
Optical Report:

COB test

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



Mounting Option & Dimension : In mm (inches)

<p>Wall Mount 90° (W90-1)</p> <p>See Detail C</p> <p>356.0</p> <p>235.8</p> <p>80.0</p> <p>Detail C Scale 4/1</p> <p>6.9 kg (15.2 lb)</p>	<p>Wall Mount 90° (W90-2)</p> <p>See Detail D</p> <p>299.4</p> <p>120.0</p> <p>100.0</p> <p>30.0</p> <p>191.8</p> <p>234.0</p> <p>Detail D Scale 4/1</p> <p>6.9 kg (15.2 lb)</p>	<p>Hanging Mount 90° (H90-1)</p> <p>296.6</p> <p>235.8</p> <p>80.0</p> <p>Detail A Scale 4/1</p> <p>See Detail A</p> <p>234.0</p> <p>6.9 kg (15.2 lb)</p>	<p>Hanging Mount 90° (H90-2)</p> <p>329.1</p> <p>150.0</p> <p>120.0</p> <p>30.0</p> <p>234.0</p> <p>Detail B Scale 4/1</p> <p>See Detail B</p> <p>6.9 kg (15.2 lb)</p>										
<p>Stanchion 25° (S25)</p> <p>296.5</p> <p>234.0</p> <p>25°</p> <p>6.7 kg (14.8 lb)</p>	<p>Stanchion 90° (S90)</p> <p>296.5</p> <p>344.5</p> <p>234.0</p> <p>6.7 kg (14.8 lb)</p>	<p>Ceiling 90° (C90)</p> <p>339.0</p> <p>229.0</p> <p>60.0</p> <p>30.0</p> <p>266.5</p> <p>6.6 kg (14.6 lb)</p>	<p>Pendant (P90)</p> <p>167.5</p> <p>234.0</p> <p>L4=20.0</p> <p>NPT 3/4"</p> <p>Table 1</p> <table border="1"> <thead> <tr> <th>Length</th> <th>Part NO.</th> </tr> </thead> <tbody> <tr> <td>100.0mm</td> <td>THT-52500001CO0004</td> </tr> <tr> <td>150.0mm</td> <td>THT-52500001CO0007</td> </tr> <tr> <td>200.0mm</td> <td>THT-52500001CO0005</td> </tr> <tr> <td>235.0mm</td> <td>THT-52500001CO0002</td> </tr> </tbody> </table> <p>6.3 kg (13.9 lb)</p>	Length	Part NO.	100.0mm	THT-52500001CO0004	150.0mm	THT-52500001CO0007	200.0mm	THT-52500001CO0005	235.0mm	THT-52500001CO0002
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