

L1705A

20W



High Humidity & Heat Resistant LED Light

Net Weight: 7.4 kg (16.3lb)

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

High Ambient Temperature:
+65°C ~ +100°C (+149°F ~ +212°F)



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)

Standards:

UL 844
UL 1598
UL 8750
CSA C22.2 No.250.0

Protection:

IP67

Electrical:

Rated Voltage (±10%)	120V / 277V AC	
Watts (±10%)	20W	
Amps	120V: 0.17A / 277V: 0.07A	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.	

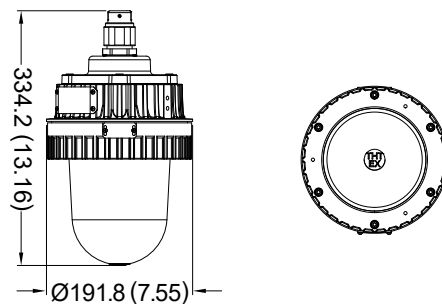
Mechanical:

Enclosure	Aluminum Alloy
Glass	Tempered Glass
Cable Gland	Stainless Steel
Entrance Thread	1 x NPT 3/4" or 1 x M25

Optical:

Color of LED Light	5000K (Cool White)
CRI	≥ 70
Beam Angle	X-110° / Y-110°
Lm / W (±10%)	122 lm/w
Lumen (±10%)	2440 lm

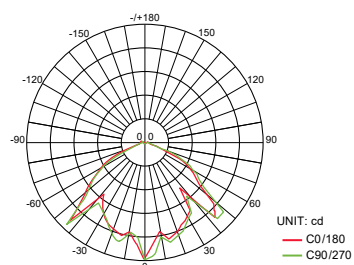
Dimension: In mm (inches)



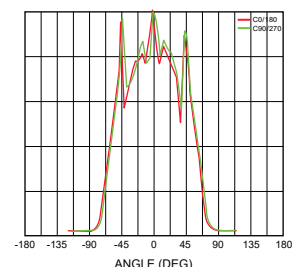
Optical Report:

COB test

**Polar Luminous
Intensity Distribution**



**Luminous
Intensity Distribution Diagram**



Mounting Option & Dimension : In mm (inches)

<p>Wall / Hanging Mount 25° (W25)</p> <p>7.9 kg (17.4 lb)</p>	<p>Wall / Hanging Mount 90° (W90)</p> <p>7.9 kg (17.4 lb)</p>	<p>Hanging Mount 90° (H90)</p> <p>7.9 kg (17.4 lb)</p>	
<p>Straight Electrical Tube (P90)</p> <p>8.4 kg (18.5 lb)</p>	<p>Bending Electrical Tube 90° (S90)</p> <p>8.4 kg (18.5 lb)</p>	<p>Bending Electrical Tube 25° (S25)</p> <p>8.4 kg (18.5 lb)</p>	<p>Hanging Mount 25° (H25)</p> <p>7.9 kg (17.4 lb)</p>