

L1512D

140W



Net Weight: 18.3 kg (40.3 lb)



Over 1000 hours  
of operation at  
100 °C ambient  
temperature



# 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)



## 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  
IEC 60079  
EN 60079  
CSA C22.2 No.250.0

## Protection:

IP67

### Electrical:

Rated Voltage (±10%)	120V / 220V / 277V AC	
Watts (±10%)	140W	
Amps	120V: 1.17A / 220V: 0.64A / 277V: 0.51A	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	1 year warranty without warranting lumen depreciation.	

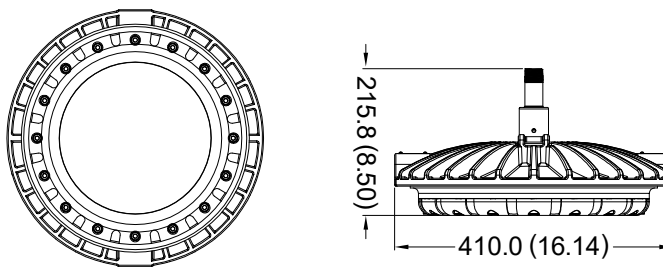
### Mechanical:

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

### Optical:

Color of LED Light	5000K (Cool White)
CRI	≥ 70
Beam Angle	X-110° / Y-110°
Lm / W (±10%)	145 lm/w
Lumen (±10%)	20300 lm

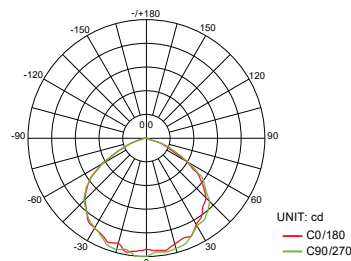
### Dimension: In mm (inches)



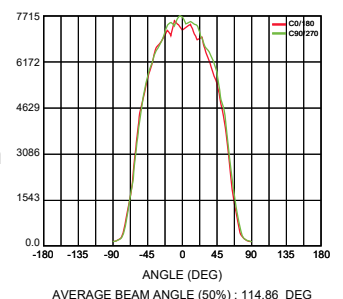
### Optical Report:

COB test

**Polar Luminous Intensity Distribution**



**Luminous Intensity Distribution Diagram**



### Mounting Option & Dimension : In mm (inches)

<p>Wall Mount 25° (W25)</p> <p>View A</p> <p>NPT 3/4"</p> <p>25°</p> <p>19.0 kg (41.9 lb)</p>	<p>Wall Mount 90° (W90)</p> <p>View A</p> <p>NPT 3/4"</p> <p>19.0 kg (41.9 lb)</p>	<p>Pole Adapter Mounting (PA)</p> <p>NPT 3/4"</p> <p>2"</p> <p>20.0 kg (44.0 lb)</p>
<p>Straight Electrical Tube (P90)</p> <p>18.3 kg (40.3 lb)</p>	<p>Pendant Mount 90° (H90)</p> <p>View A</p> <p>NPT 3/4"</p> <p>19.0 kg (41.9 lb)</p>	<p>Pendant Mount 20° (H20)</p> <p>View A</p> <p>NPT 3/4"</p> <p>20°</p> <p>19.0 kg (41.9 lb)</p>