

L1512D

80W (10W\*8)



Net Weight: 18.3 kg (40.3 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 ~ +120°C (+149°F ~ +248°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 AC	
Watts (±10%)	80W (10W*8)	
Amps	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	6 months warranty without warranting lumen depreciation.	

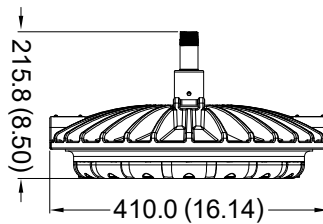
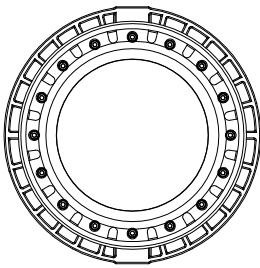
### Mechanical:

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%)	115 lm/w
Lumen (±10%)	9200 lm

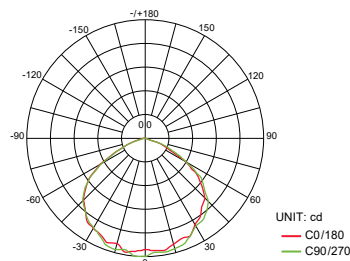
### Dimension: In mm (inches)



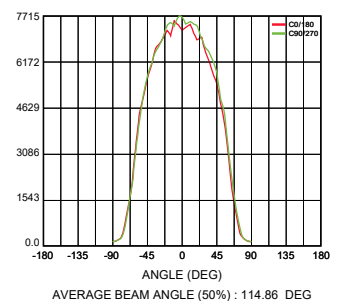
### Optical Report:

COB test

**Polar Luminous Intensity Distribution**



**Luminous Intensity Distribution Diagram**



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

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