



L2302

Matte PC Cover

Clear PC Cover



120W, 150W



Net Weight: 5.5 kg (12.1 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 ~ +85°C (+149°F ~ +185°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%)	120W / 150W
Amps	120W-120V:1.0A, 220V:0.55A / 150W-120V:1.25A, 220V:0.68A Amp = Watt. / Volt.
Power Factor	$\cos \geq 0.9$
Frequency	50 / 60 Hz
LED Service Life	60,000 hrs* <span style="color: red;">*L70 at 55°C Ambient Temperature</span>
Warranty	1 year warranty without warranting lumen depreciation.

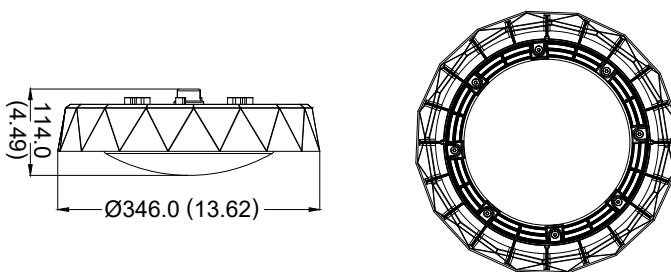
### Mechanical:

Enclosure	Aluminum Alloy
Cover	PC Cover (Clear or Matte)
Cable Gland	Stainless Steel
Entrance Thread	1 x NPT 3/4"

### Optical:

Color of LED Light	5000K (Cool White)
CRI	$\geq 70$
Beam Angle	X-110° / Y-110°
Lm / W (±10%)	Clear PC Cover: 140 lm/w ; Matte PC Cover: 125 lm/w
Lumen (±10%)	120W Clear PC Cover: 16800 lm ; Matte PC Cover: 15000 lm 150W Clear PC Cover: 21000 lm ; Matte PC Cover: 18750 lm

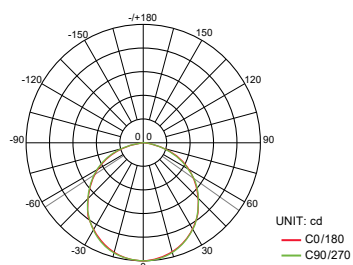
### Dimension: In mm (inches)



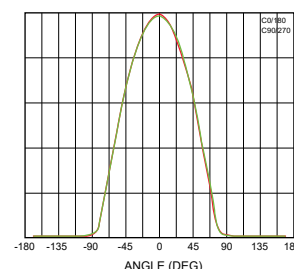
### Optical Report:

SMD test

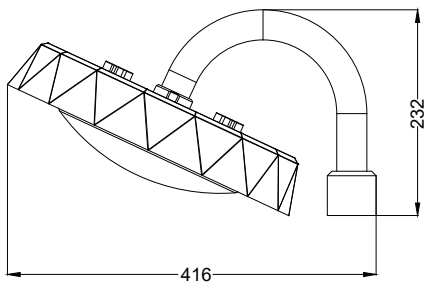
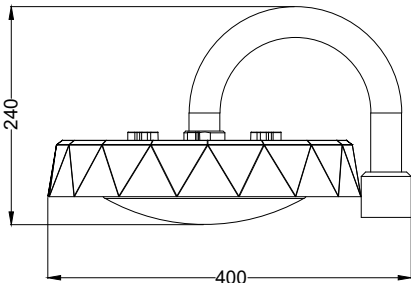
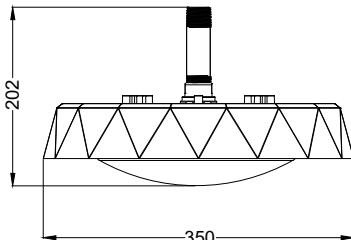
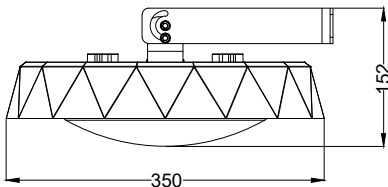
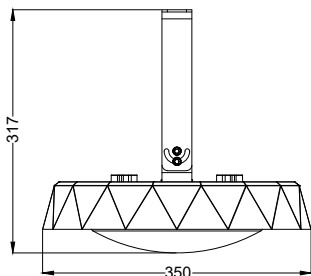
**Polar Luminous Intensity Distribution**



**Luminous Intensity Distribution Diagram**



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

<p>Bending Electrical Tube 25°(S25)</p> 	<p>Bending Electrical Tube 90°(S90)</p> 	<p>Pendant Mount(P90)</p> 
<p>Wall /Hanging Mount (WHT)</p> 	<p>Wall /Hanging Mount (WHT)</p> 	<p>Ceiling Mount (C)</p> 