



L1203

20W



Net Weight: 1.8 kg (4.0 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 / 277V AC | |
| Watts (±10%) | 20W | |
| Amps | 120V: 0.17A / 220V: 0.09A / 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 | 2 year warranty without warranting lumen depreciation. | |

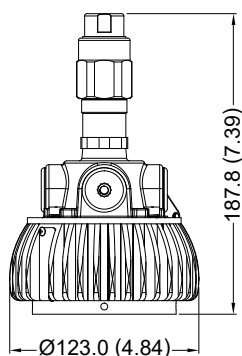
Mechanical:

| | |
|-----------------|-----------------|
| Enclosure | Aluminum Alloy |
| Glass | Tempered Glass |
| Cable Gland | Stainless Steel |
| Entrance Thread | 5 x G 1/2" |

Optical:

| | |
|--------------------|--------------------|
| Color of LED Light | 5000K (Cool White) |
| CRI | ≥ 70 |
| Beam Angle | X-110° / Y-110° |
| Lm / W (±10%) | 109 lm/w |
| Lumen (±10%) | 2180 lm |

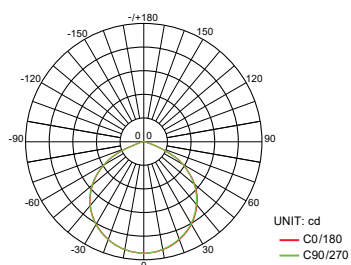
Dimension: In mm (inches)



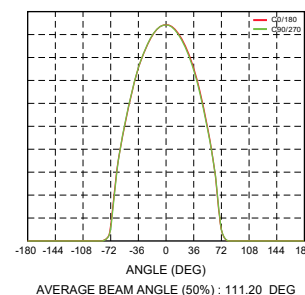
Optical Report:

COB test

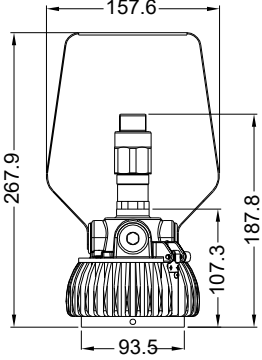
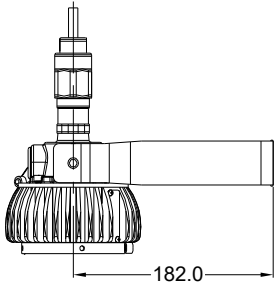
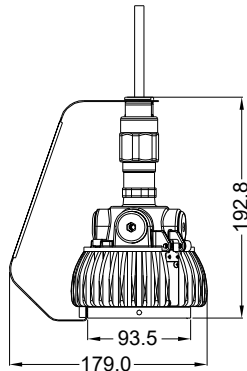
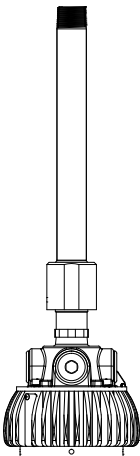
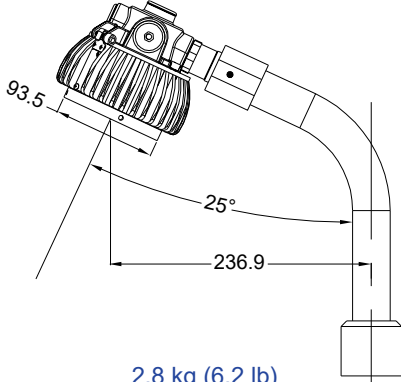
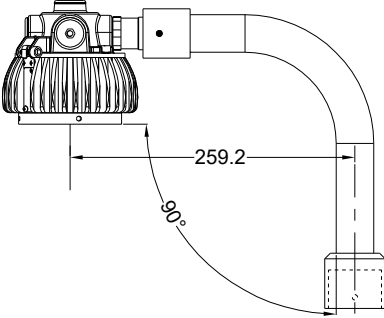
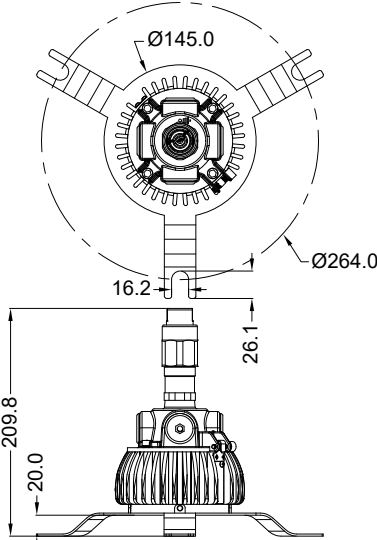
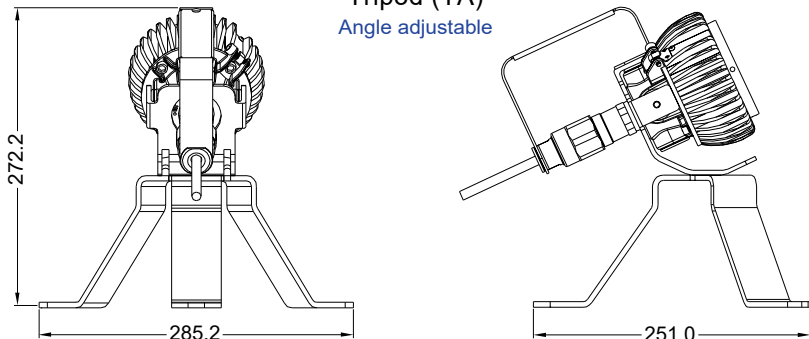
Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Mounting Option & Dimension : In mm (inches)

| | | | |
|---|--|---|--|
| <p>Hanging Mount 90° (H90)</p>  <p>2.0 kg (4.4 lb)</p> | <p>Wall Mount 90° (W90)</p>  <p>2.0 kg (4.4 lb)</p> | <p>Mobility type (M)</p>  <p>2.0 kg (4.4 lb)</p> | <p>Pendant (P90)</p>  <p>2.2 kg (4.8 lb)</p> |
| <p>Stanchion 25° (S25)</p>  <p>2.8 kg (6.2 lb)</p> | <p>Stanchion 90° (S90)</p>  <p>2.8 kg (6.2 lb)</p> | <p>Oil Tank (O)</p>  <p>2.2 kg (4.8 lb)</p> | |
| <p>Tripod (TA) Angle adjustable</p>  <p>3.5 kg (7.7 lb)</p> | | | |