

L1319C

80W

120W



Over 1000 hours
of operation at
100 °C ambient
temperature



High Humidity & Heat Resistant LED Light

Net Weight: 12.8 kg (28.2 lb)

- ★ 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 AC | |
| Watts (±10%) | 80W / 120W | |
| Amps | 80W: 0.67A / 120W: 1.00A | 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. | |

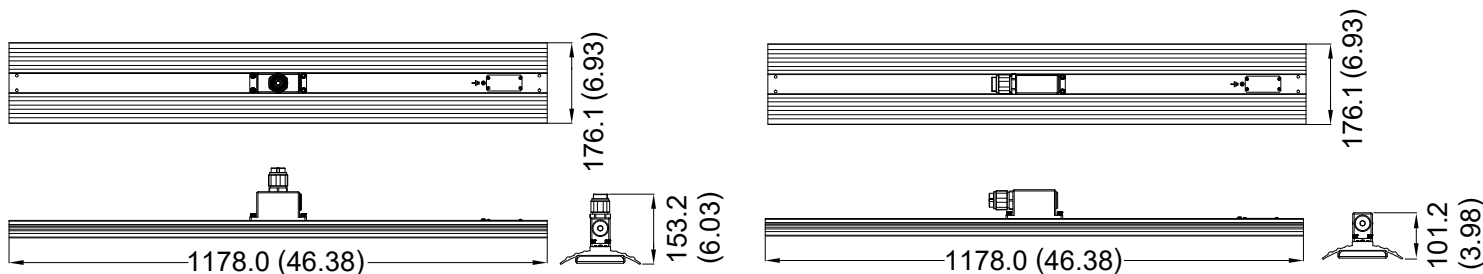
Mechanical:

| | |
|-----------------|-----------------|
| Enclosure | Aluminum Alloy |
| Glass | Tempered Glass |
| Cable Gland | Stainless Steel |
| Entrance Thread | 1 x M25 |

Optical:

| | |
|--------------------|-------------------------------|
| Color of LED Light | 5000K (Cool White) |
| CRI | ≥ 70 |
| Beam Angle | X-116° / Y-114° |
| Lm / W (±10%) | 119 lm/w |
| Lumen (±10%) | 80W: 9520 lm / 120W: 14280 lm |

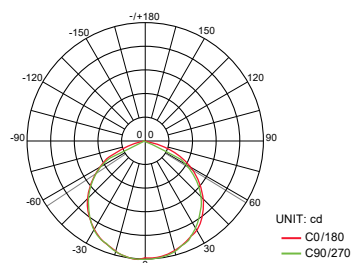
Dimension: In mm (inches)



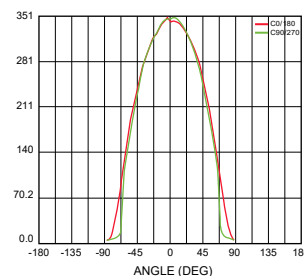
Optical Report:

COB test

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Mounting Option & Dimension : In mm (inches)

