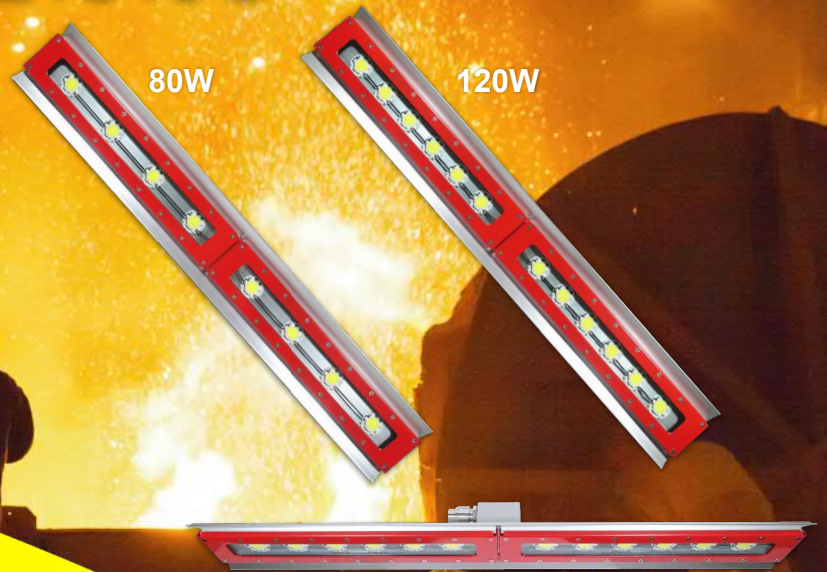


L1319C

80W

120W



Over 1000 hours  
of operation at  
100 °C ambient  
temperature



Net Weight: 12.8 kg (28.2 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 ~ +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 ≥ 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.	

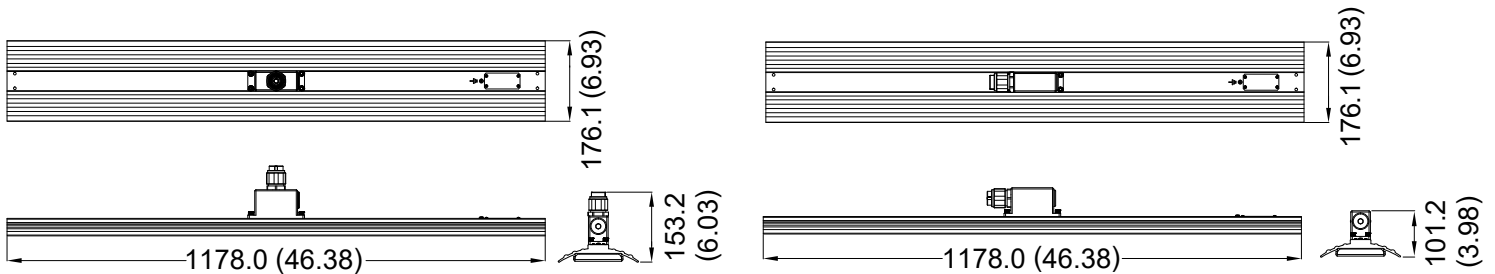
### Mechanical:

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

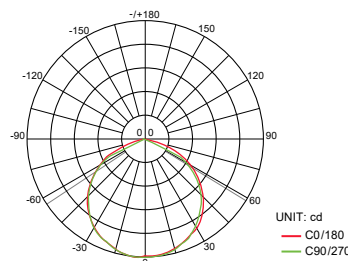
### Dimension: In mm (inches)



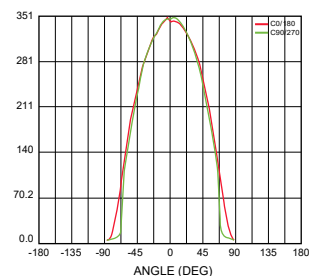
### Optical Report:

COB test

Polar Luminous Intensity Distribution



Luminous Intensity Distribution Diagram



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

