



L1705C

50W



Net Weight: 9.5 kg (20.9 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  
CSA C22.2 No.250.0

## Protection:

IP67

### Electrical:

Rated Voltage (±10%)	120V / 220V / 277V AC	
Watts (±10%)	50W	
Amps	120V: 0.42A / 220V: 0.23A / 277V: 0.18A	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.	

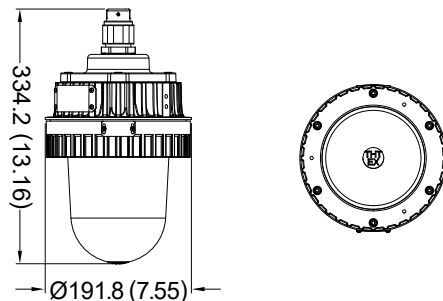
### Mechanical:

Enclosure	Aluminum Alloy
Glass	Tempered Glass
Cable Gland	Stainless Steel
Entrance Thread	1×NPT 3/4" or 1×M25

### Optical:

Color of LED Light	5000K (Cool White)
CRI	≥ 70
Beam Angle	X-170° / Y-170°
Lm / W (±10%)	111 lm/w
Lumen (±10%)	5550 lm

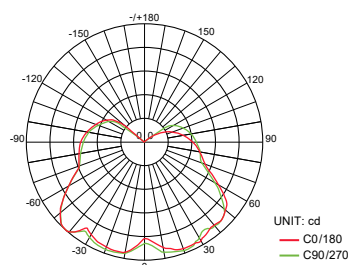
### Dimension: In mm (inches)



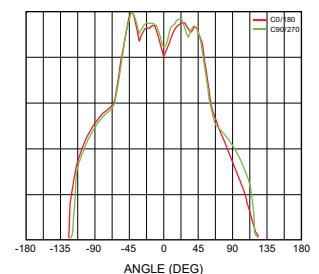
### Optical Report:

COB test

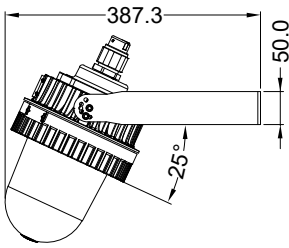
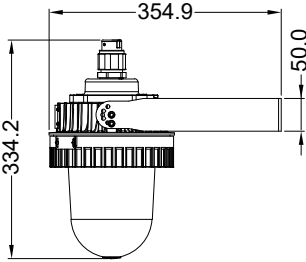
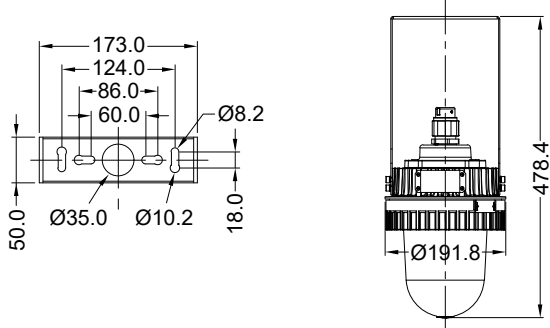
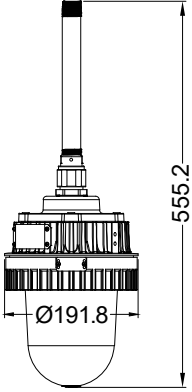
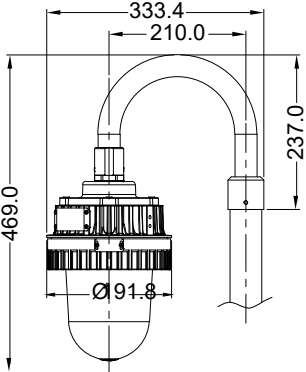
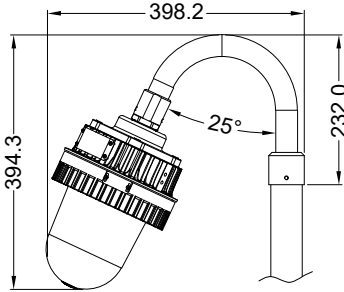
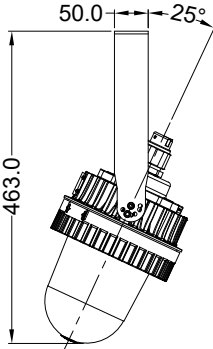
**Polar Luminous  
Intensity Distribution**



**Luminous  
Intensity Distribution Diagram**



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

<p>Wall / Hanging Mount 25° (W25)</p>  <p>10.0 kg (22.0 lb)</p>	<p>Wall / Hanging Mount 90° (W90)</p>  <p>10.0 kg (22.0 lb)</p>	<p>Hanging Mount 90° (H90)</p>  <p>10.0 kg (22.0 lb)</p>	
<p>Straight Electrical Tube (P90)</p>  <p>10.5 kg (23.1 lb)</p>	<p>Bending Electrical Tube 90° (S90)</p>  <p>10.6 kg (23.4 lb)</p>	<p>Bending Electrical Tube 25° (S25)</p>  <p>10.5 kg (23.1 lb)</p>	<p>Hanging Mount 25° (H25)</p>  <p>10.0 kg (22.0 lb)</p>