

# L1319CH High Humidity & Heat Resistant LED Lighting



## Standards

UL 844  
UL 1598  
UL 8750  
IEC 60079  
EN 60079  
CSA C22.2 No.250.0

Net Weight: 2ft-9.3 kg (20.5 lb) / 4ft-15.3 kg (33.7 lb)

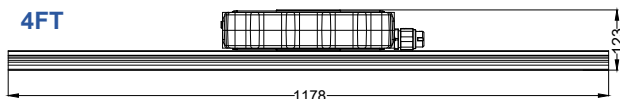
## Technical Data

	2FT	4FT
Rated Voltage ( $\pm 10\%$ )	120 / 220 / 277 Vac	
Wattage ( $\pm 10\%$ )	40W / 60W / 100W	80W / 120W
Amps	0.14A~0.83A	0.29A~1.00A
Color of LED Light	3000K (Warm White) / 5000K (Cool White)	
Ambient Temperature	$+66^{\circ}\text{C} \sim +85^{\circ}\text{C}$	
Power Factor	$\cos \geq 0.9$	
CRI	Cool White $\geq 70$ / Warm White $\geq 80$	
Lm / W ( $\pm 10\%$ )	Cool White $\geq 110\text{lm}$ / Warm White $\geq 100\text{lm}$	
Beam Angle	X- $116^{\circ}$ / Y- $114^{\circ}$	
Frequency	50 / 60 Hz	
Degree of Protection	IP67 / NEMA 6	
Material	<ul style="list-style-type: none"> <li>Enclosure: Aluminum alloy</li> <li>Glass: Tempered glass</li> </ul>	
LED Service Life	60,000 hrs	
Entrance Thread	M25	

2FT



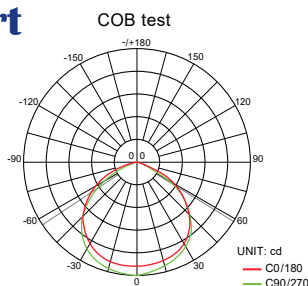
4FT



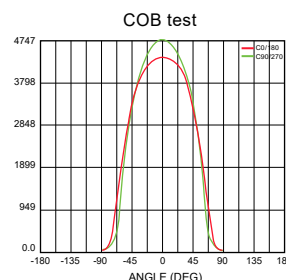
Dimension in Millimeters (inches)

## Optical Report

Polar Luminous  
Intensity Distribution

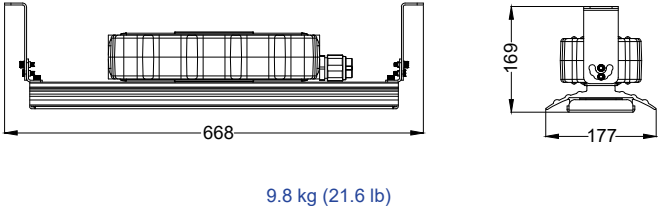
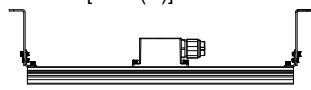
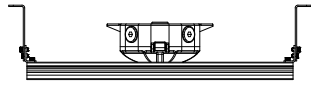
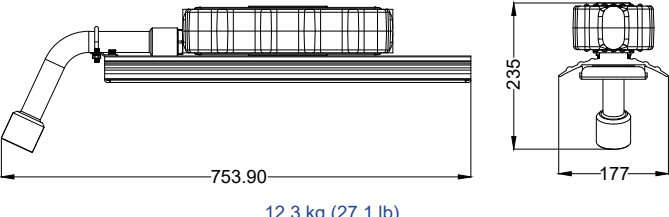
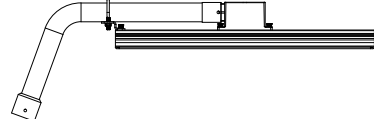
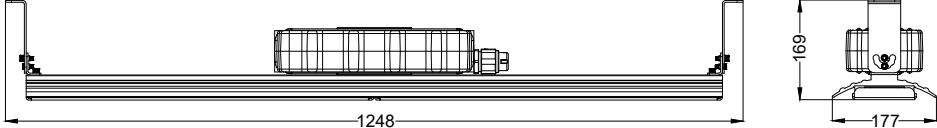
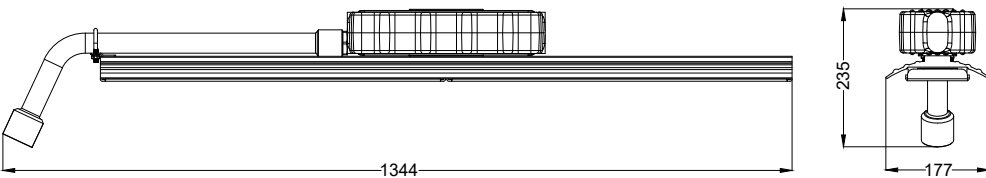


Luminous  
Intensity Distribution Diagram




\*L70 at 55°C Ambient Temperature \*2 years warranty without warranting lumen depreciation.

## Mounting Option & Dimensions (All in mm)

2FT	
Wall / Hanging Mount	
<p>●Long Box [WHT(L)]</p>  <p>9.8 kg (21.6 lb)</p>	<p>●Short Box [WHT(S)]</p>  <p>7.4 kg (16.3 lb)</p> <p>●Octagonal Box [WHT(O)]</p>  <p>8.9 kg (19.6 lb)</p>
Street Light	
<p>●Long Box [SL(L)]</p>  <p>12.3 kg (27.1 lb)</p>	<p>●Short Box [SL(S)]</p>  <p>9.9 kg (21.8 lb)</p>
4FT	
Wall / Hanging Mount	
<p>Long Box [WHT(L)]</p>  <p>15.8 kg (34.8 lb)</p>	
Street Light	
<p>Long Box [SL(L)]</p>  <p>19.6 kg (43.2 lb)</p>	

THT-EX

Pulp & Paper  
Glass Factory  
Steel Mill  
Power Plant  
Recycling Plant



or even recycling plants, where furnaces, dryers and heaters operate at ambient temperature that is over 70°C (159°F).



LED Lighting Solutions  
for High Temperature Areas