



# L1319C

Luminaires  
For Use In Hazardous Locations

120W & 150W

2ft.



**CID2**  
Group  
A, B, C, D

**IP67**

**NEMA**  
6

### Protection

- Class I, Division 2,  
Group A, B, C, D

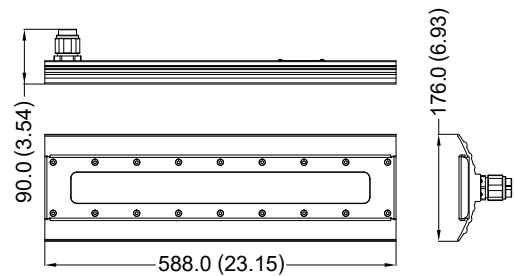
### Standards

- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-18
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

Net Weight: 5.5 kg (12.1 lb)

## Technical Data

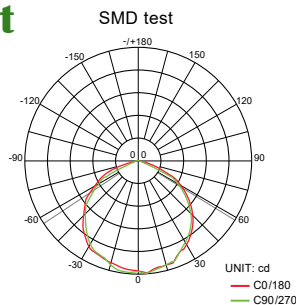
|                      |  |                                  |         |
|----------------------|--|----------------------------------|---------|
| Rated Voltage (±10%) | 100V / 110V / 120V / 200V / 220V / 230V / 277V AC  |                                  |         |
| Watts (±10%)         | 120W / 150W  |                                  |         |
| Amps                 | 120W 100V: 1.20A, 110V: 1.09A, 120V: 1.00A, 200V: 0.60A, 220V: 0.55A, 230V: 0.52A, 277V: 0.43A<br>150W 100V: 1.50A, 110V: 1.36A, 120V: 1.25A, 200V: 0.75A, 220V: 0.68A, 230V: 0.65A, 277V: 0.54A |                                  |         |
| Color of LED Light   | 2700K (Warm White) / 6500K (Cool White)  |                                  |         |
| Ambient Temperature  | CID2: -40°C ~ +55°C, T3C   |                                  |         |
| Power Factor         | cos ≥ 0.9  |                                  |         |
| CRI                  | Cool White ≥ 70 / Warm White ≥ 80  |                                  |         |
| Lumen (±10%)         | SMD  | 120W                             | 150W    |
|                      | 2700K  | 10800lm                          | 13500lm |
|                      | 6500K  | 12000lm                          | 15000lm |
| Beam Angle           | X-116° / Y-114°  |                                  |         |
| Frequency            | 50 / 60 Hz   |                                  |         |
| Degree of Protection | IP67 / NEMA 6  |                                  |         |
| Material             | • Enclosure<br>• Glass   | Aluminum alloy<br>Tempered glass |         |
| LED Service Life     | 60,000 hrs   |                                  |         |
| Entrance Thread      | 1 × M25  |                                  |         |



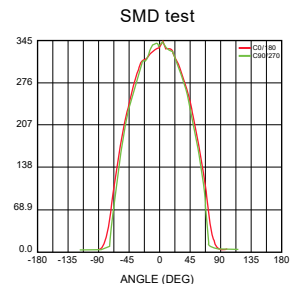
Dimension in Millimeters (inches)

## Optical Report

Polar Luminous  
Intensity Distribution



Luminous  
Intensity Distribution Diagram



## Model Code

|     |   |      |   |   |   |   |   |    |    |     |
|-----|---|------|---|---|---|---|---|----|----|-----|
| THT | H | 1319 | C | N | H | C | 9 | P0 | 01 | WHT |
|     |   |      |   |   |   | ① | ② | ③  |    | ④   |

① **C.C.T.**

C=Cool White  
W=Warm White

② **Voltage**

4=100V, 1=110V  
6=120V, 5=200V  
2=220V, D=230V  
9=277V

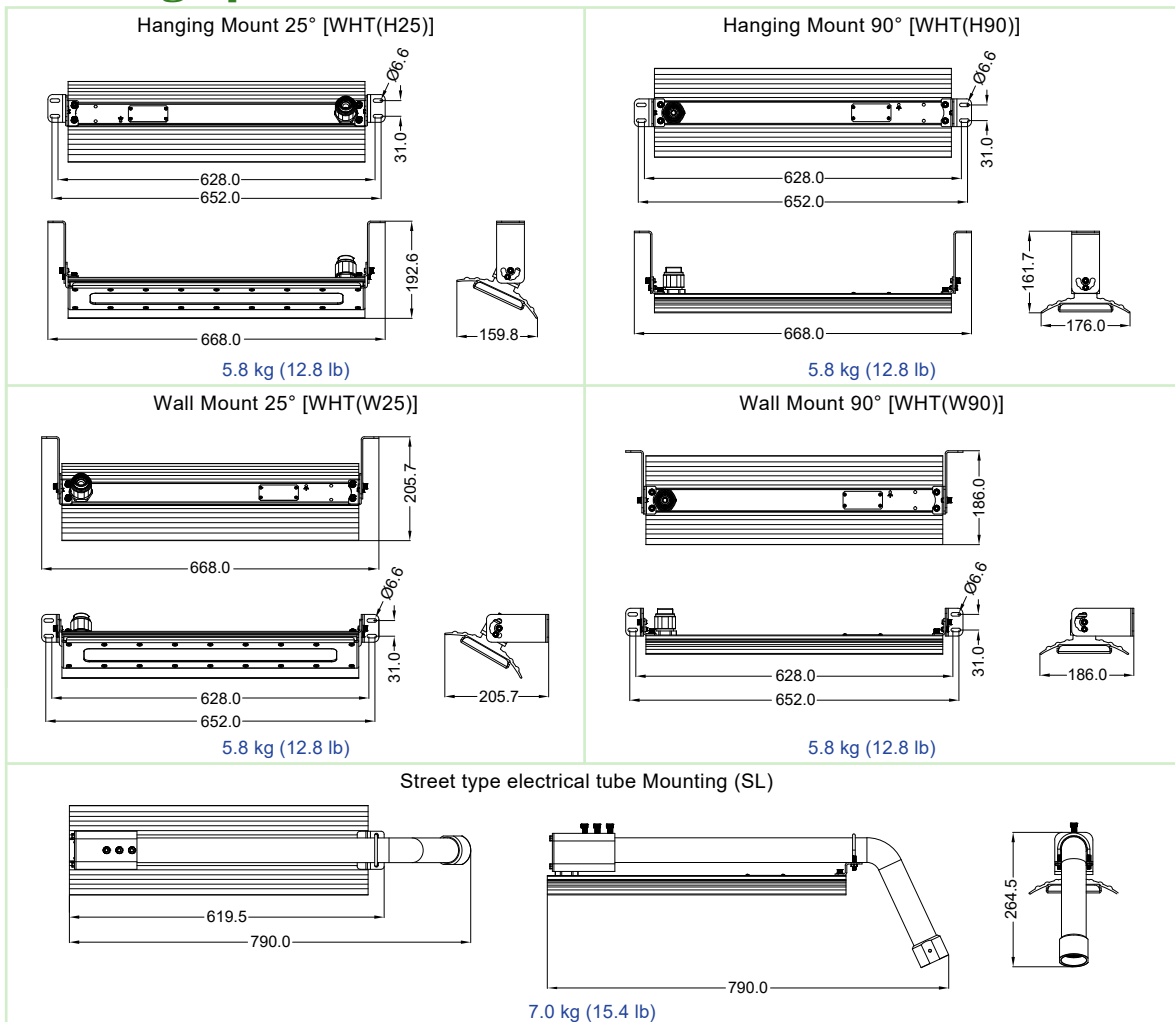
③ **Wattage**

L0=120W  
P0=150W

④ **Mounting Bracket Type**

WHT(W25/90)=Wall Mount 25°/90°  
WHT(H25/90)=Hanging Mount 25°/90°  
SL=Street type electrical tube Mounting

## Mounting Option & Dimensions (All in mm)



### Applicable Area

- Oil Refinery Complex
- Painting Facility
- Transporting Liquefied
- Offshore Platform
- Petrochemical Complex
- Transporting Nature Gas
- Petroleum Gas
- (Oil and Natural Gas)