

L1319C

Luminaires For Use In Hazardous Locations

2ft.



Net Weight: 5.5 kg (12.1 lb)



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

Light Features

- Light weight; stream line design
- Applicable to high temperature environment
- Product comes with reflector and concentrate light source

Technical Data

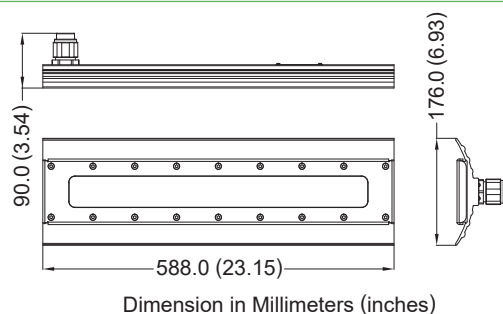
| | | | |
|----------------------|--|----------------------------------|---------|
| Rated Voltage (±10%) | 100V / 110V / 120V / 200V / 220V / 230V / 277V AC | | |
| Watts (±10%) | 120W / 150W | | |
| Amps | 120W 100V: 1.20A, 110V: 1.09A, 120V: 1.00A, 200V: 0.60A, 220V: 0.55A, 230V: 0.52A, 277V: 0.43A 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 | 3000K (Warm White) / 5000K (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 |
| | 3000K | 10800lm | 13500lm |
| | 5000K | 12000lm | 15000lm |
| Beam Angle | X-116° / Y-114° | | |
| Frequency | 50 / 60 Hz | | |
| Degree of Protection | IP67 / NEMA 6 | | |
| Material | • Enclosure • Glass | Aluminum alloy Tempered glass | |
| LED Service Life | 60,000 hrs | | |
| Entrance Thread | 1 × M25 | | |

90.0 (3.54)

588.0 (23.15)

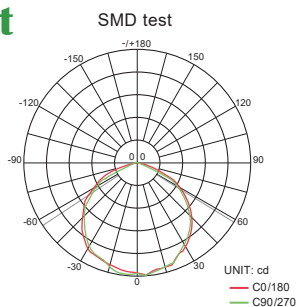
176.0 (6.93)

Dimension in Millimeters (inches)

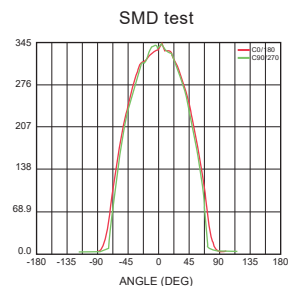


Optical Report

Polar Luminous
Intensity Distribution



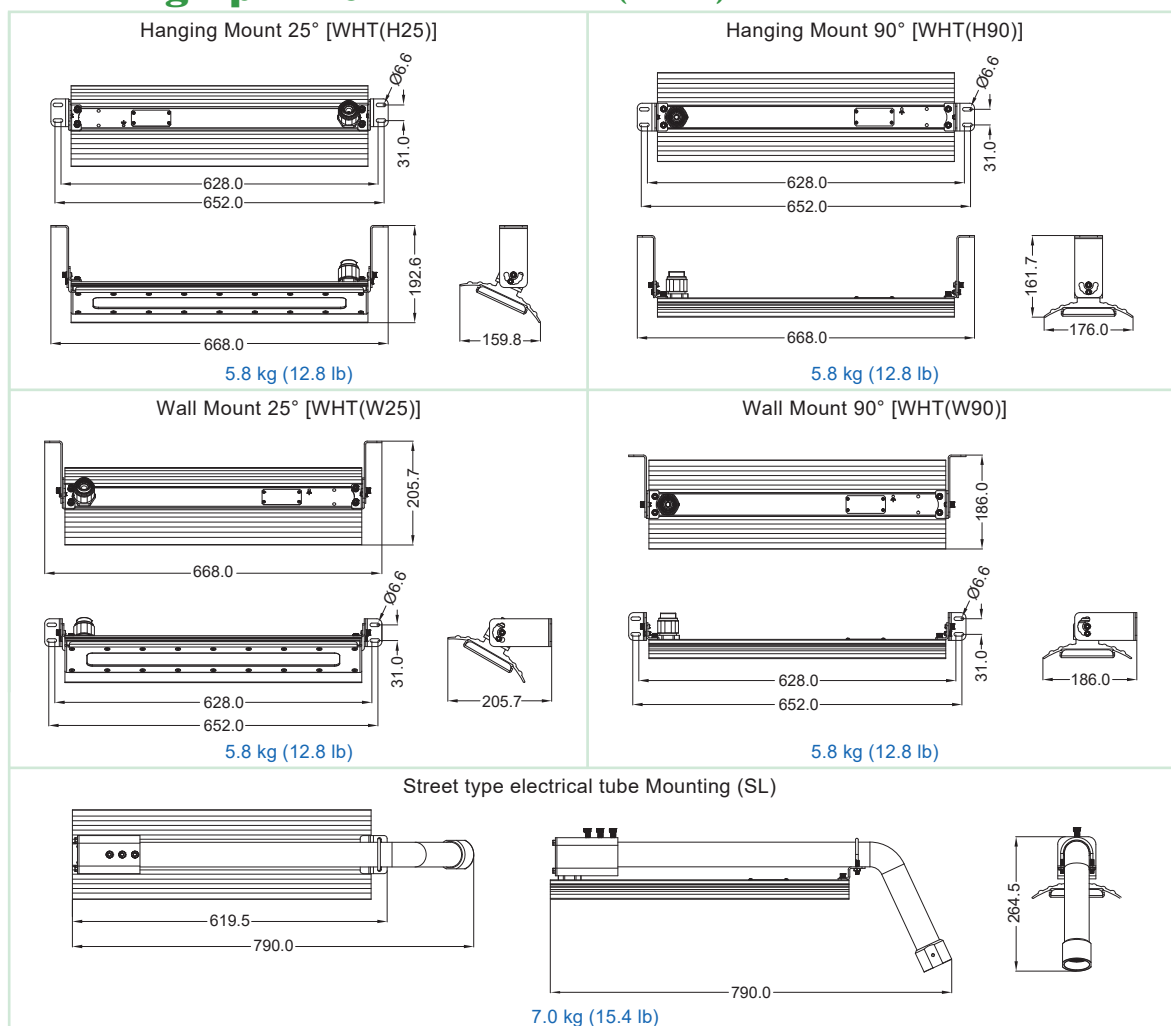
Luminous
Intensity Distribution Diagram



Model Code

| THT | H | 1319 | C | N | H | C | 9 | P0 | 01 | WHT |
|---------------------------------|--|--------------------------------------|---|--|-------------------------------------|------------------------------------|---|---------------------------|-------------------------------------|---|
| Brand, THT=Top Hi-Tech Co, Ltd. | Protection type of luminaire, H=Luminaires for hazardous locations | Model Name, 1319=Model L1319C series | The manufacturer internal use, C=For Luminaire length 2ft | Type of top cover, N=Without top cover | Type of LED model, H=SMD LED Module | C.C.T., C=Cool White, W=Warm White | Voltage, 4=100V, 1=110V, 6=120V, 5=200V, 2=220V, D=230V, 9=277V | Wattage, L0=120W, P0=150W | Protection class, 01=Class I Div. 2 | 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
- Transproting Liquefied
- Offshore Platform
- Petrochemical Complex
- Transporting Nature Gas
- Petroleum Gas
- (Oil and Natural Gas)