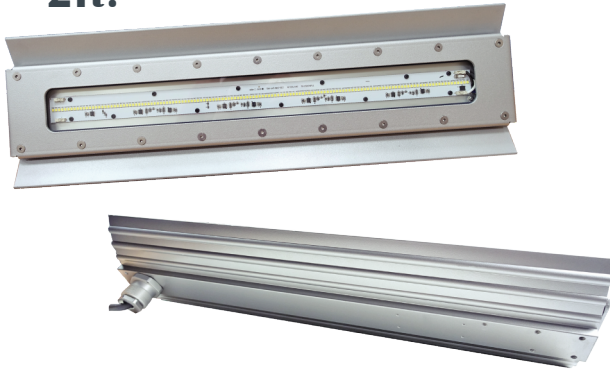




# L1319C

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

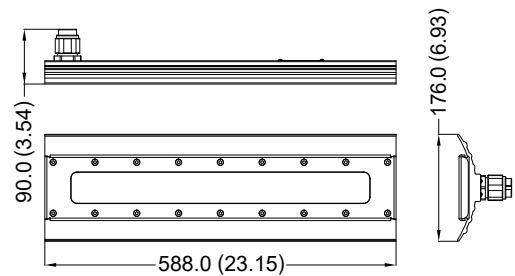
- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-18
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

### Light Features

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

## Technical Data

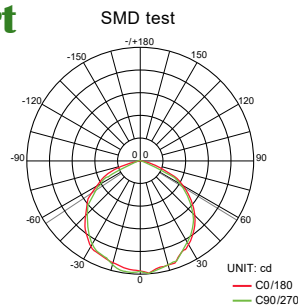
Rated Voltage (±10%)	100V / 110V / 120V / 200V / 220V / 230V / 277V AC		
Watts (±10%)	120W / 150W		
Amps	120W 100V: 1.20A, 110V: 1.09A, 120V: 1.00A, 200V: 0.60A, 220V: 0.55A, 230V: 0.52A, 277V: 0.43A 150W 100V: 1.50A, 110V: 1.36A, 120V: 1.25A, 200V: 0.75A, 220V: 0.68A, 230V: 0.65A, 277V: 0.54A		
Color of LED Light	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 • Glass	Aluminum alloy Tempered glass	
LED Service Life	60,000 hrs		
Entrance Thread	1 × M25		



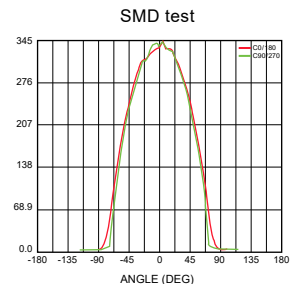
Dimension in Millimeters (inches)

## Optical Report

Polar Luminous Intensity Distribution



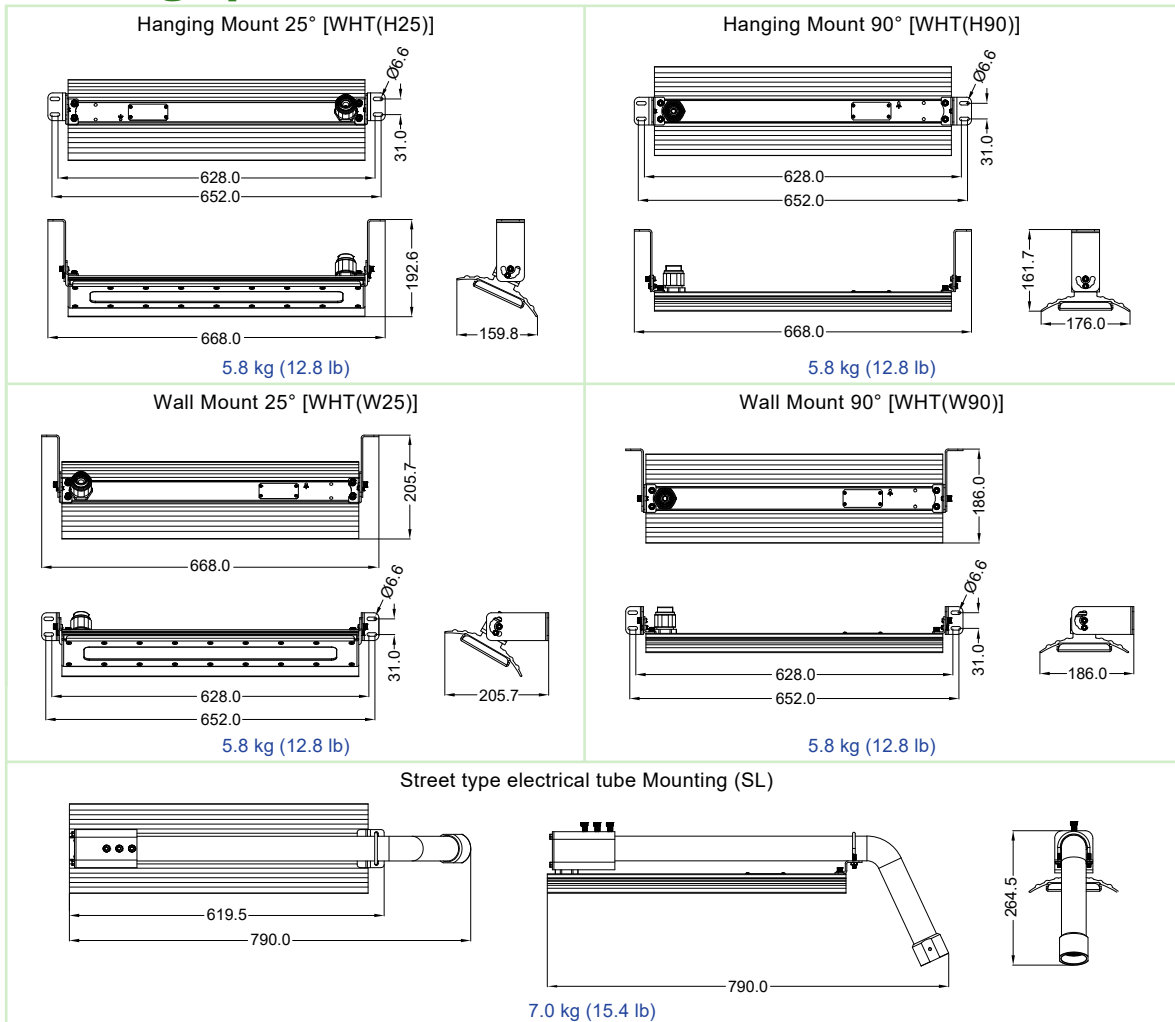
Luminous Intensity Distribution Diagram



## Model Code

THT	H	1319	C	N	H	C	9	P0	01	WHT
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
- Petrochemical Complex
- Painting Facility
- Transporting Nature Gas
- Transporting Liquefied Petroleum Gas
- Offshore Platform (Oil and Natural Gas)