



# Luminaires For Use In Hazardous Locations

**L1319C**  
**2ft**



Net Weight: 5.5 kg (12.1 lb)

## Standards:

- UL844
- UL1598 Luminaires
- UL8750
- CSA C22.2 No. 137-18
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

## Protection:

- Class I, Division 2 Group A, B, C, D
- Class II, Division 2 Group F, G
- Class III
- IP67 / NEMA 6

## Ambient Temperature:

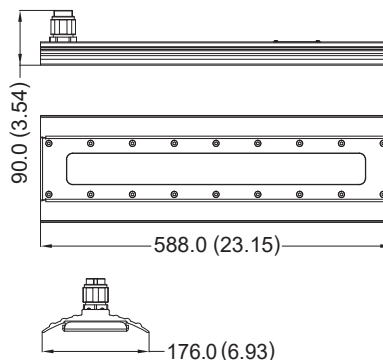
- CID2: -40°C ~ +55°C, T4
- CIID2: +55°C, T4A

## Applications:

- Power Plants
- Heavy Industrials
- Storage Facility
- Paper Mills
- Wastewater Treatment Plants
- Loading Docks
- Platforms
- Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility

## Dimension:

In mm (inches)



## Field Installation:



Pharmaceutical Plant

## Electrical:

SMD	40W	60W
120V	0.33A	0.50A
277V	0.14A	0.22A
Power Factor	$\cos \geq 0.9$	
Frequency	50 / 60 Hz	

## Mechanical:

Enclosure	Aluminum Alloy	
Glass	Tempered Glass	★Frosted Glass is available upon request.
Cable Gland	Stainless Steel	
Cable	600V, 105°C	
Entrance Thread	1 x M25	

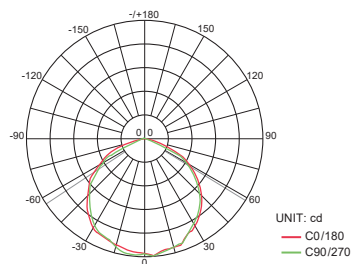
## Optical:

Color of LED Light	3000K (Warm White) / 5000K (Cool White)	
CRI	Warm White $\geq 80$ / Cool White $\geq 70$	
Beam Angle	X-116° / Y-114°	
Lm / W ( $\pm 10\%$ )	Warm White $\geq 90$ / Cool White $\geq 100$	
Lumen ( $\pm 10\%$ )	40W	60W
	3000K 3600lm	5400lm
	5000K 4000lm	6000lm

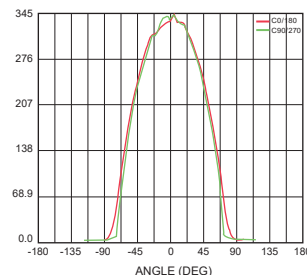
## Optical Report:

SMD test

Polar Luminous  
Intensity Distribution



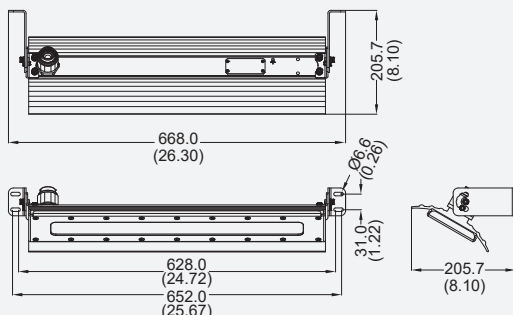
Luminous  
Intensity Distribution Diagram



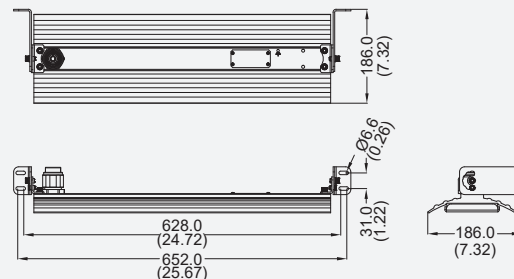
### Mounting Option & Dimension : In mm (inches)

#### Wall Mount 5.8 kg (12.8 lb)

25° [WHT(W25)]

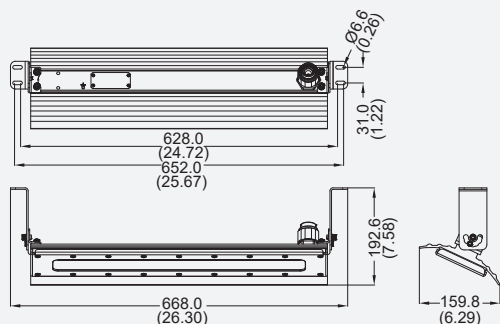


90° [WHT(W90)]

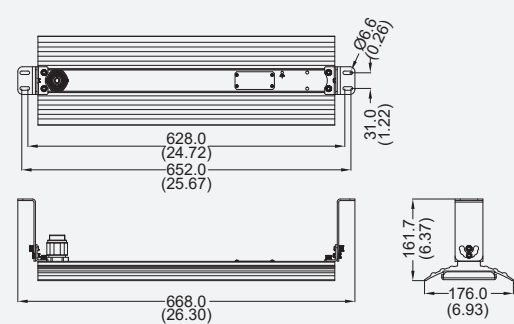


#### Hanging Mount 5.8 kg (12.8 lb)

25° [WHT(H25)]

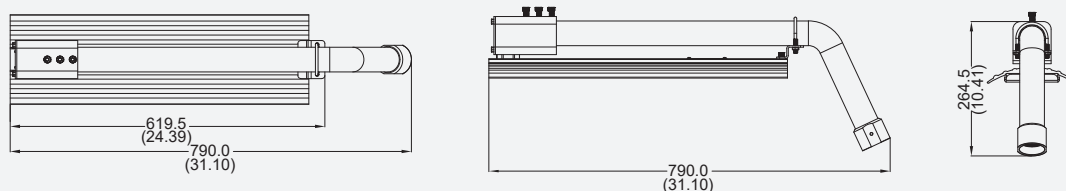


90° [WHT(H90)]



#### Street Type Electrical Tube Mounting 7.0 kg (15.4 lb)

(SL)



### Model Code:

THT

H

1319

C

N

H

C

9

F0

WHT

①

②

③

④

① C.C.T.

C=Cool White  
W=Warm White

② Voltage

6=120V  
9=277V

③ Wattage

D0=40W  
F0=60W

④ Mounting Bracket Type

WHT(W25/90)=Wall Mount 25°/90°  
WHT(H25/90)=Hanging Mount 25°/90°  
SL=Street Type Electrical Tube Mounting