



# Luminaires For Use In Hazardous Locations

## L1319

### Standards:

- UL 844
- UL 1598 Luminaires
- UL 8750
- CSA C22.2 No. 137-M1981
- CSA C22.2 No. 30-M1986
- CSA C22.2 No. 25-1996
- CSA C22.2 No. 250.0
- CSA C22.2 No. 250.13

### Protection:

- Class I, Division 1 Group B, C, D
- Class II, Division 2 Group F, G
- Class III
- IP67 / NEMA 6 (\*60W only for CID1)

### Ambient Temperature:

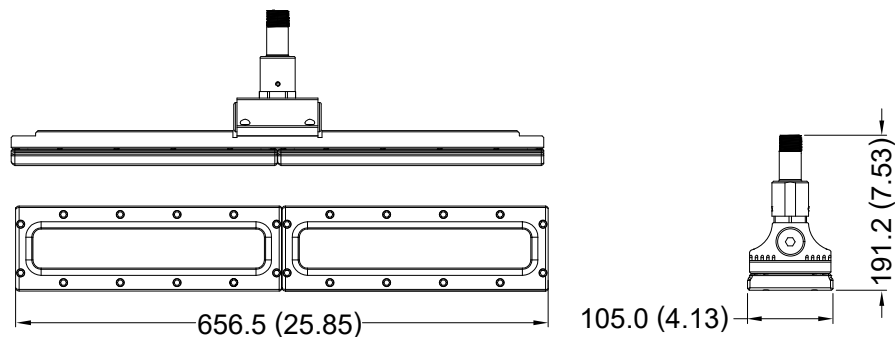
- CID1: -40°C ~ +55°C, T6
- CIID2: +55°C, T6

### 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)



Net Weight: 7.4 kg (16.3 lb)

## Electrical:

	40W	60W
120V	0.33A	0.50A
277V	0.14A	0.22A

Power Factor	$\cos \geq 0.9$
Frequency	50 / 60 Hz

## Mechanical:

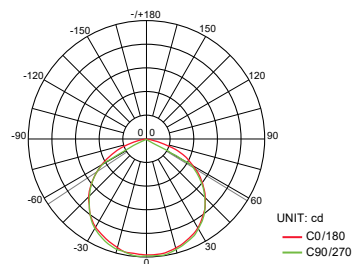
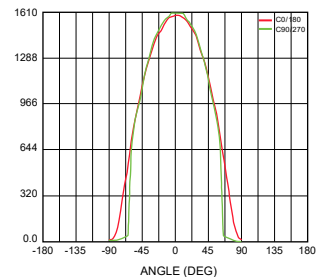
Enclosure	Aluminum Alloy
Glass	Tempered Glass <span style="color: red;">★Frosted Glass is available upon request.</span>
Cable Gland	Stainless Steel
Cable	600V, 105°C
Entrance Thread	1 x NPT 3/4"

## 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:

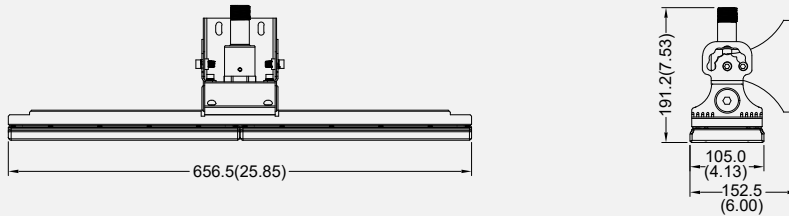
SMD test

Polar Luminous  
Intensity DistributionLuminous  
Intensity Distribution Diagram

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

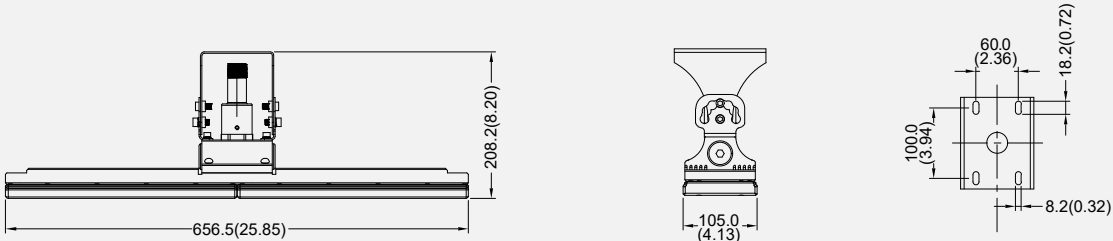
#### Wall Mount 7.7 kg (17.0 lb)

90° [WHT(W90)]



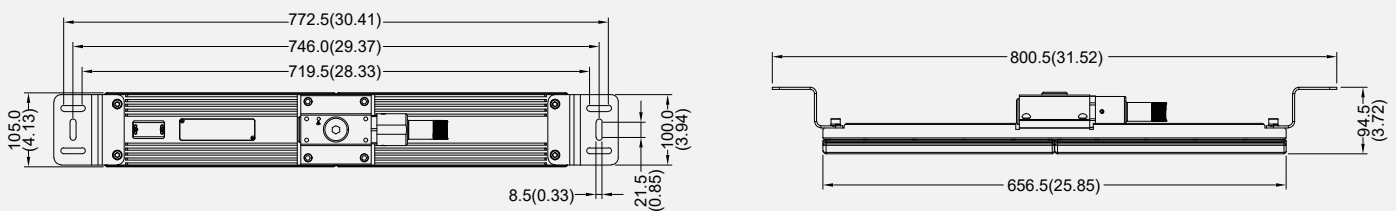
#### Hanging Mount 7.7 kg (17.0 lb)

90° [WHT(H90)]



#### Ceiling Mount 7.9 kg (17.4 lb)

(C90)



### Model Code:

THT

E

1319

A

C

H

C

9

D0

C90

①

②

③

④

#### ① C.C.T.

C=Cool White  
W=Warm White

#### ③ Wattage

D0=40W  
F0=60W

#### ② Voltage

6=120V  
9=277V

#### ④ Mounting Bracket Type

C90=Ceiling  
WHT(W90)= Wall Mount 90°  
WHT(H90)=Hanging Mount 90°