



# Luminaires For Use In Hazardous Locations

## L1217E

### 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 2 Group A, B, C, D
- Class II, Division 1 Group E, F, G
- Class III
- IP67 / NEMA 6

### Ambient Temperature:

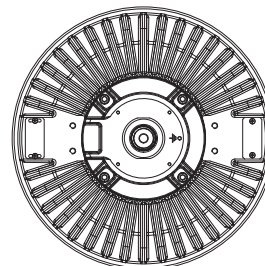
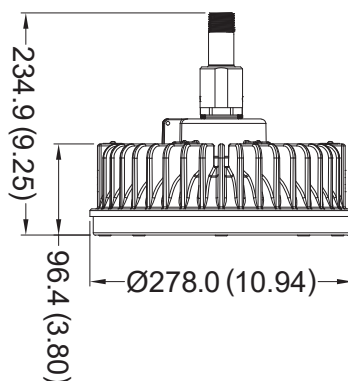
- CID2: -40°C ~ +40°C, T4A
- CIID1: +40°C, T4A

### 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)



Net Weight: 10.7 kg (23.6 lb)

### Electrical:

SMD	120W	140W	150W
120V	1.00A	1.17A	1.25A
277V	0.43A	0.51A	0.54A

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

### Mechanical:

Enclosure	Aluminum Alloy
Glass	Tempered Glass <span style="color: #e91e63;">★Frosted Glass is available upon request.</span>
Cable Gland	Stainless Steel
Cable	600V, 105°C
Entrance Thread	1 x NPT 3/4"

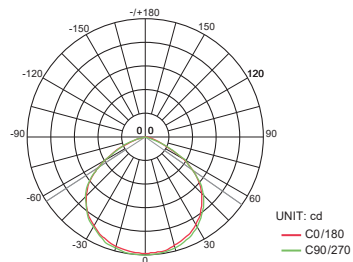
### Optical:

Color of LED Light	3000K (Warm White) / 5000K (Cool White)		
CRI	Warm White $\geq 80$ / Cool White $\geq 70$		
Beam Angle	X-110° / Y-110°		
Lm / W ( $\pm 10\%$ )	Warm White $\geq 90$ / Cool White $\geq 100$		
Lumen ( $\pm 10\%$ )	120W	140W	150W
	3000K 10800lm	12600lm	13500lm
	5000K 12000lm	14000lm	15000lm

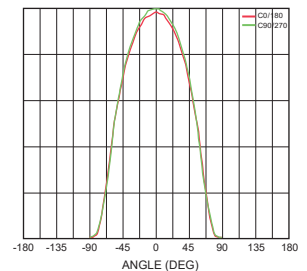
### Optical Report:

SMD test

**Polar Luminous Intensity Distribution**



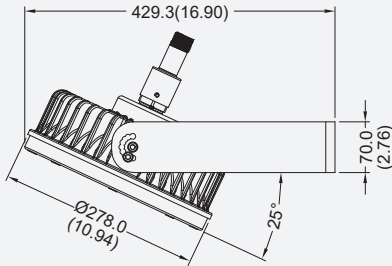
**Luminous Intensity Distribution Diagram**



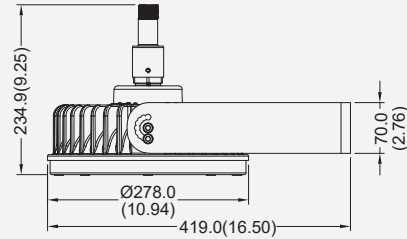
### Mounting Option & Dimension : In mm (inches)

#### Wall Mount 12.4 kg (27.3 lb)

25° [WHT(W25)]

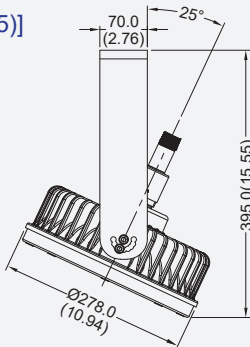


90° [WHT(W90)]

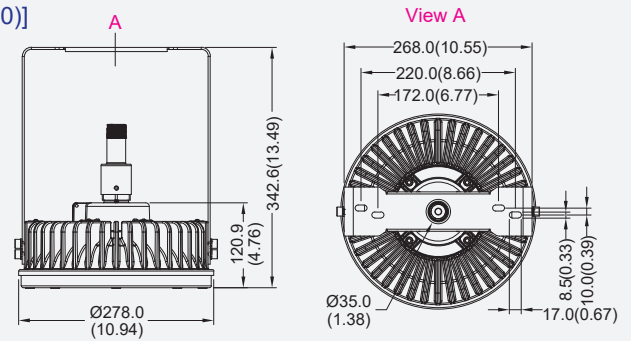


#### Hanging Mount 12.4 kg (27.3 lb)

25° [WHT(H25)]

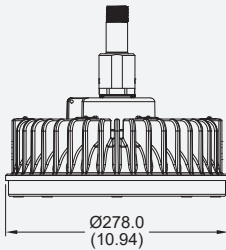


90° [WHT(H90)]



#### Straight Electrical Tube 10.7 kg (23.6 lb)

(P90)



### Model Code:

THT

E

1217

E

B

K

C

9

P0

P90

①

②

③

④

① **C.C.T.**

C=Cool White  
W=Warm White

③ **Wattage**

L0=120W  
N0=140W  
P0=150W

② **Voltage**

6=120V  
9=277V

④ **Mounting Bracket Type**

WHT(W25/90)=Wall Mount 25°/90°  
WHT(H25/90)=Hanging Mount 25°/90°  
P90=Straight Electrical Tube