



# Luminaires For Use In Hazardous Locations

## L1701

### Standards:

- UL 844
- UL1598 Luminaires
- UL8750
- 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:

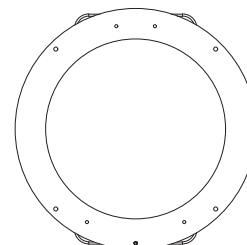
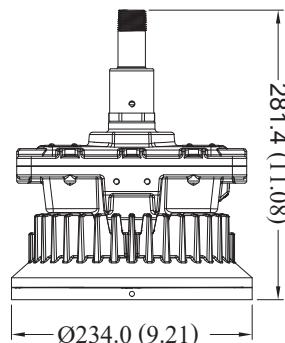
- CID2: -25°C ~ +40°C, T5
- CIID1: +40°C, T6

### 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: 8.0 kg (17.6 lb)

## Electrical:

SMD	60W	80W	100W
<b>120V~277V</b> (Full Voltage)	0.21A~0.50A	0.28A~0.67A	0.36A~0.83A

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

## Mechanical:

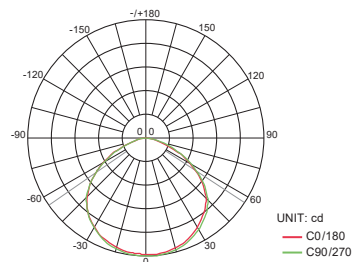
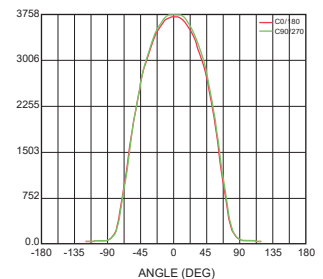
<b>Enclosure</b>	Aluminum Alloy
<b>Glass</b>	Tempered Glass <span style="color: red;">★Frosted Glass is available upon request.</span>
<b>Cable Gland</b>	Stainless Steel
<b>Cable</b>	600V, 105°C
<b>Entrance Thread</b>	1 x NPT 3/4"

## Optical:

<b>Color of LED Light</b>	3000K (Warm White) / 5000K (Cool White)		
<b>CRI</b>	Warm White $\geq 80$ / Cool White $\geq 70$		
<b>Beam Angle</b>	X-110° / Y-110°		
<b>Lm / W (<math>\pm 10\%</math>)</b>	Warm White $\geq 100$ / Cool White $\geq 110$		
<b>Lumen (<math>\pm 10\%</math>)</b>	60W	80W	100W
	3000K 6000lm	8000lm	10000lm
	5000K 6600lm	8800lm	11000lm

## Optical Report:

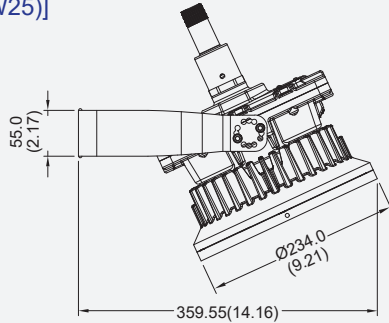
SMD test

Polar Luminous  
Intensity DistributionLuminous  
Intensity Distribution Diagram

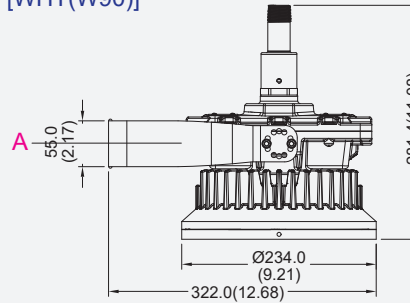
### Mounting Option & Dimension : In mm (inches)

#### Wall Mount 8.6 kg (18.9 lb)

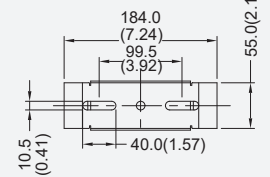
25° [WHT(W25)]



90° [WHT(W90)]

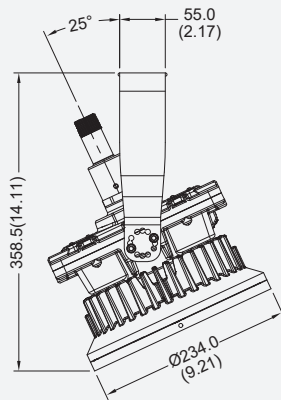


View A

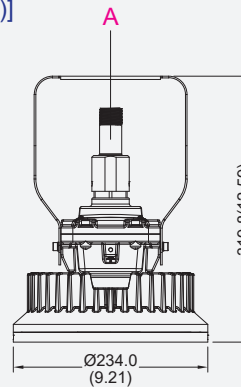


#### Hanging Mount 8.6 kg (18.9 lb)

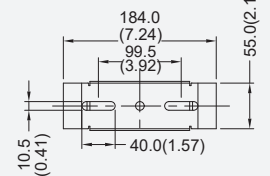
25° [WHT(H25)]



90° [WHT(H90)]



View A



### Model Code:

THT

E

1701

A

C

K

C

A

J0

WHT

①

②

③

#### ① C.C.T.

C=Cool White  
W=Warm White

#### ② Wattage

F0=60W  
H0=80W  
J0=100W

#### ③ Mounting Bracket Type

WHT(W25/90)=Wall Mount 25°/90°  
WHT(H25/90)=Hanging Mount 25°/90°