



Luminaires For Use In Hazardous Locations

L1701

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 1 Group E, F, G
- Class III
- IP67 / NEMA 6

Ambient Temperature:

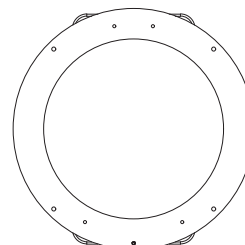
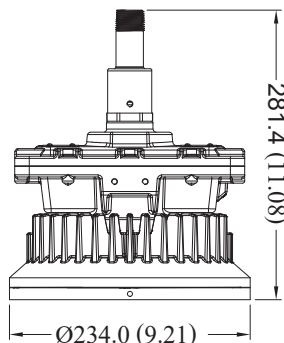
- CID1: -25°C ~ +40°C, T6
- CIID1: +40°C, T6

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
120V~277V (Full Voltage)	0.21A~0.50A	0.28A~0.67A	0.36A~0.83A

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

Mechanical:

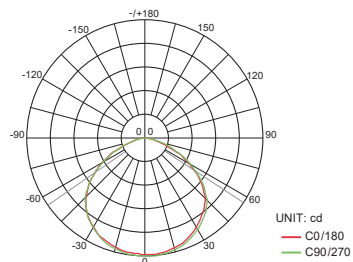
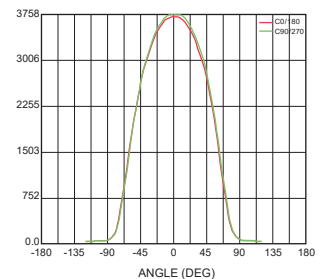
Enclosure	Aluminum Alloy
Glass	Tempered Glass ★Frosted Glass is available upon request.
Cable Gland	Stainless Steel
Cable	600V, 105°C
Entrance Thread	1 x NPT 3/4"

Optical:

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

Optical Report:

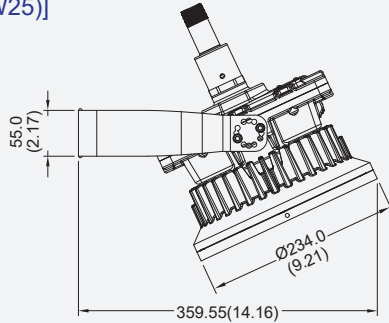
SMD test

Polar Luminous
Intensity DistributionLuminous
Intensity Distribution Diagram

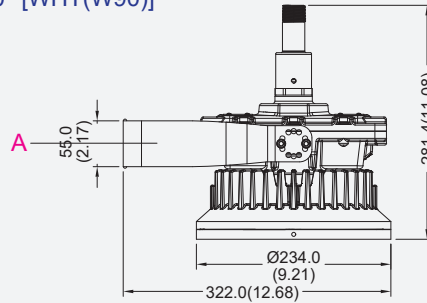
Mounting Option & Dimension : In mm (inches)

Wall Mount 8.6 kg (18.9 lb)

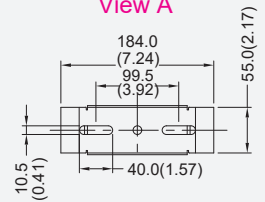
25° [WHT(W25)]



90° [WHT(W90)]

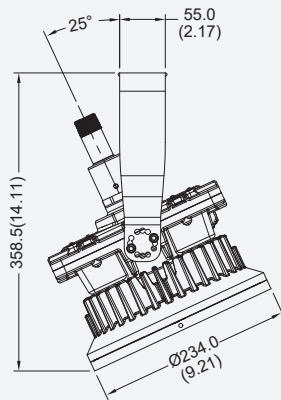


View A

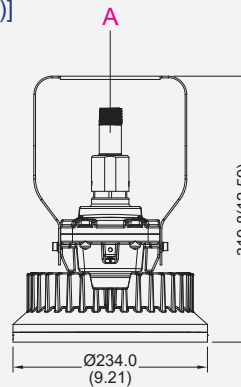


Hanging Mount 8.6 kg (18.9 lb)

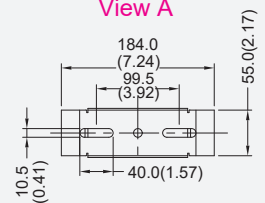
25° [WHT(H25)]



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°