



Luminaires For Use In Hazardous Locations

L1815A

(With Battery Backup)

Standards:

- UL 844
- UL1598 Luminaires
- CSA C22.2 No. 137-18
- CSA C22.2 No. 250.0-18

Protection:

- Class I, Division 2 Group A, B, C, D
- IP67 / NEMA 6

Ambient Temperature:

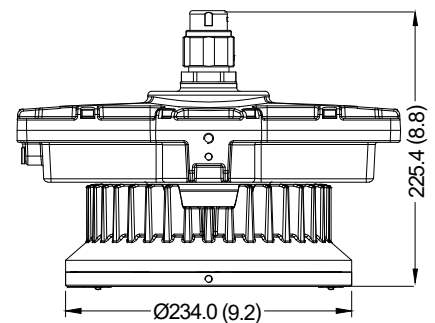
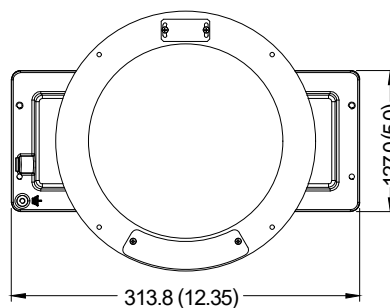
- 20°C ~ +40°C, T4A

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)



Electrical: *Total System Power Consumption (+10%) / LED Power Consumption: 40W

SMD	60W*
120V~277V (Full Voltage)	0.21A~0.50A
Power Factor	$\cos \geq 0.9$
Frequency	50 / 60 Hz

Mechanical:

Enclosure	Aluminum Alloy
Glass	Tempered Glass
Cable Gland	Stainless Steel
Cable	600V, 105°C
Entrance Thread	1 x M25

★Frosted Glass is available upon request.

Battery Backup (UL 2054 certified Li-ion battery):

Emergency Mode Output Wattage	40W
Emergency Mode Illumination Time	120 minutes
Charging Time	48 hours

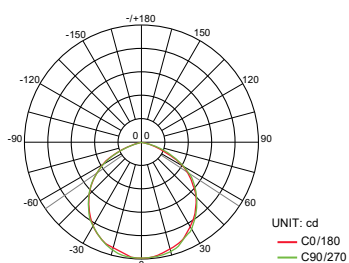
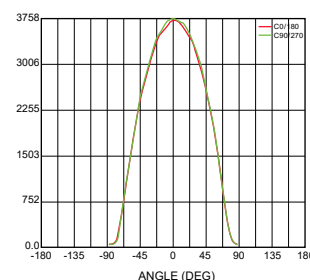
★When the fixture is not in use, please charge 48 hours every month to maintain the battery's performance.

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 ≥ 60 / Cool White ≥ 66
Lumen ($\pm 10\%$)	60W
	3000K 3600lm
	5000K 4000lm

Optical Report:

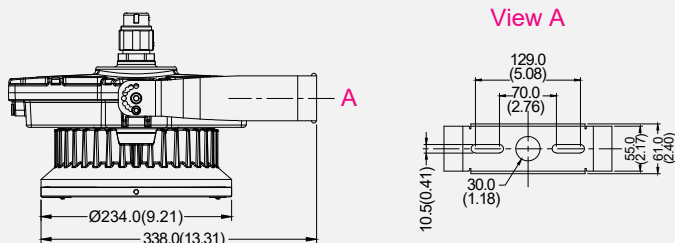
SMD test

**Polar Luminous
Intensity Distribution****Luminous
Intensity Distribution Diagram**

Mounting Option & Dimension : In mm (inches)

Wall Mount 10.0 kg (22.0 lb)

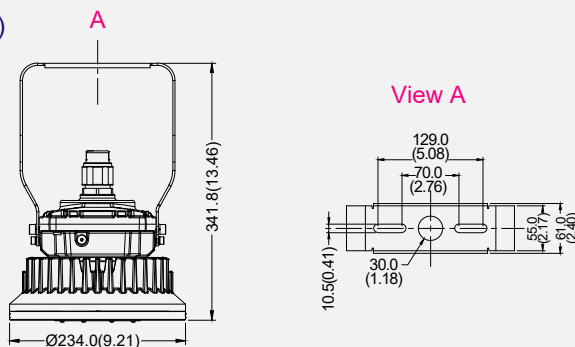
90° (W90)



*Two-position (wall/hanging) adjustable trunion, each position with two aiming angles (25° and 90° adjustable).

Hanging Mount 10.0 kg (22.0 lb)

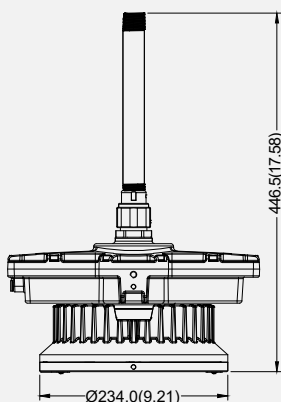
90° (H90)



*Two-position (wall/hanging) adjustable trunion, each position with two aiming angles (25° and 90° adjustable).

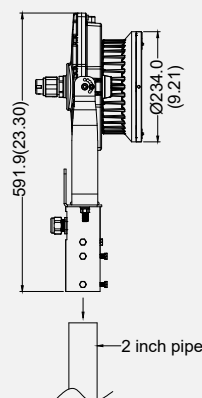
Pendant Mount 9.5 kg (20.9 lb)

(P90)



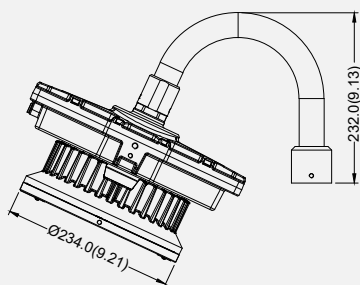
Pole Adapter Mount 12.6 kg (27.8 lb)

(PA)

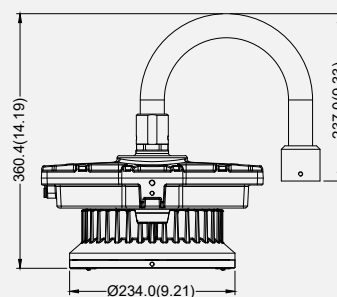


Stanchion Mount S25:10.3 kg (22.7 lb), S90:10.4 kg (22.9 lb)

25° (S25)



90° (S90)



Model Code:

THT

H

1815

A

C

K

C

H

F0

S25

①

②

① C.C.T.
C=Cool White
W=Warm White

② Mounting Bracket Type
W90=Wall Mount 90°
H90=Hanging Mount 90°

S25/90=Stanchion 25°/90°
P90=Pendant
PA=Pole Adapter Mounting Assembly