

L1705A

Luminaires For Use In Hazardous Locations

*Please specify the required glass globe type.



Clear Glass Globe



Prismatic Glass Globe



With Accessory "Guard"

CID2
Group
A, B, C, D

CIID1
Group
E, F, G

IP67

NEMA
6

Protection

- Class I, Division 2, Group A, B, C and D
- Class II, Division 1, Group E, F and G
- Class III

Standards

UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 137-M1981
CSA C22.2 No. 25-1966
CSA C22.2 No. 250.0
CSA C22.2 No. 250.13

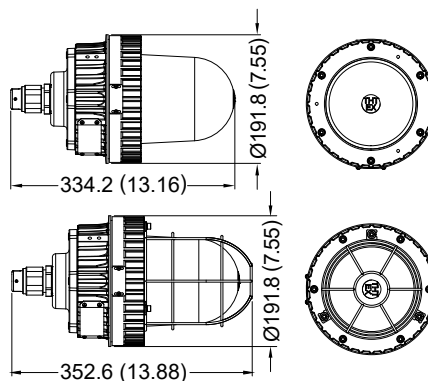
Net Weight: 7.4 kg (16.3 lb)

Technical Data

| | | |
|----------------------|---|--------|
| Rated Voltage (±10%) | 120V / 277V AC | |
| Watts (±10%) | 20W | |
| Amps | 20W 120V: 0.17A, 277V: 0.07A | |
| Color of LED Light | 3000K (Warm White) / 5000K (Cool White) | |
| Ambient Temperature | CID2: -40°C ~ +40°C, T3C CIID1: +40°C, T4A | |
| Power Factor | cos ≥ 0.9 | |
| CRI | Cool White ≥ 70 / Warm White ≥ 80 | |
| Lumen (±10%) | COB | 20W |
| | 3000K | 1800lm |
| | 5000K | 2000lm |
| Beam Angle | X-110° / Y-110° | |
| Frequency | 50 / 60 Hz | |
| Degree of Protection | IP67 / NEMA 6 | |
| Material: Enclosure | Aluminum alloy | |
| LED Service Life | 60,000 hrs | |
| Entrance Thread | 1×NPT 3/4" or 1×M25 | |

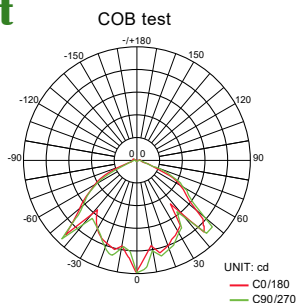


The light color is also available in Red (Warning Light) and Green (Eye Washer Indicator)

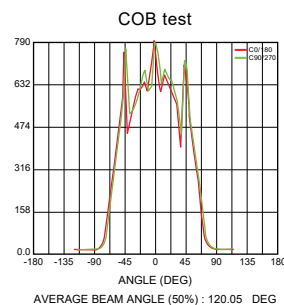


Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



L1705A

Model Code

| THT | H | 1705 | A | B | B | C | 6 | B0 | S25 | G |
|-----|---|------|---|---|---|---|---|----|-----|---|
| | | | | | | ① | ② | | ③ | ④ |

① C.C.T.

C=Cool White
W=Warm White
R=Red
G=Green

② Voltage

6=120V
9=277V

③ Mounting Bracket Type

W25/90=Wall mount 25°/90°
H25/90=Hanging mount 25°/90°
P90=Straight Electrical Tube
S25/90=Bending Electrical Tube 25°/90°
PAN=Pan Mounting - C Brand
PANA=Pan Mounting - A Brand
PANK=Pan Mounting - K Brand

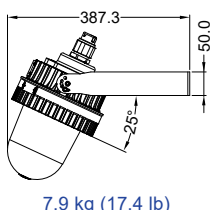
④ Optional Accessory

G=Guard
(Keep the code blank if no accessory is needed.)

Mounting Option & Dimensions (All in mm)

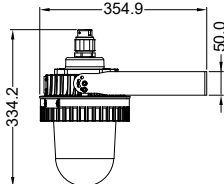
Standard Product

Wall Mount 25° (W25)



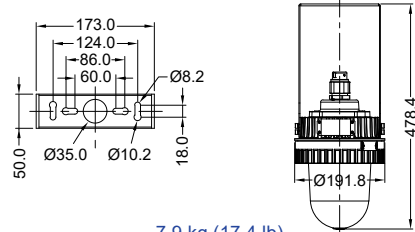
7.9 kg (17.4 lb)

Wall Mount 90° (W90)



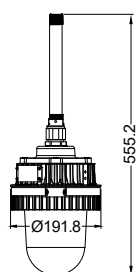
7.9 kg (17.4 lb)

Hanging Mount 90° (H90)



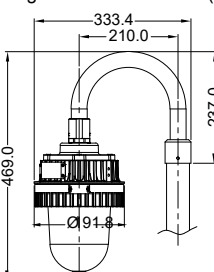
7.9 kg (17.4 lb)

Straight Electrical Tube (P90)



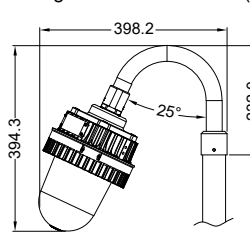
8.4 kg (18.5 lb)

Bending Electrical Tube 90° (S90)



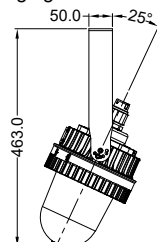
8.5 kg (18.7 lb)

Bending Electrical Tube 25° (S25)



8.4 kg (18.5 lb)

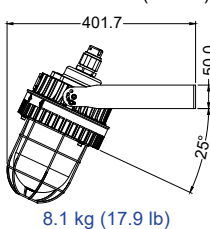
Hanging Mount 25° (H25)



7.9 kg (17.4 lb)

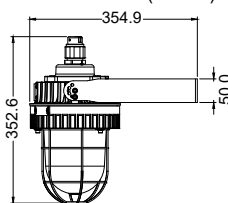
With optional accessory "Guard"

Wall Mount 25° (W25G)



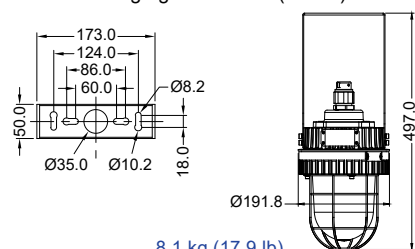
8.1 kg (17.9 lb)

Wall Mount 90° (W90G)



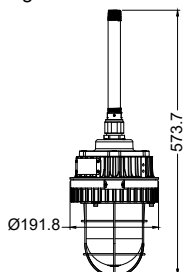
8.1 kg (17.9 lb)

Hanging Mount 90° (H90G)



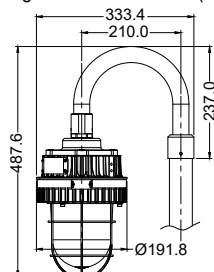
8.1 kg (17.9 lb)

Straight Electrical Tube (P90G)



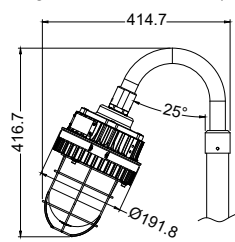
8.6 kg (18.9 lb)

Bending Electrical Tube 90° (S90G)



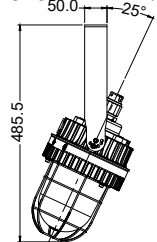
8.7 kg (19.2 lb)

Bending Electrical Tube 25° (S25G)



8.6 kg (19.0 lb)

Hanging Mount 25° (H25G)

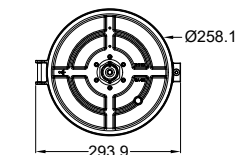


8.1 kg (17.9 lb)

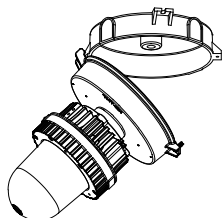
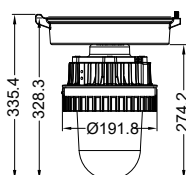
Pan Mounting Option & Dimensions (All in mm)

Retrofit Kit for C Brand

(PAN)



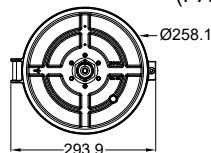
Installation Diagram



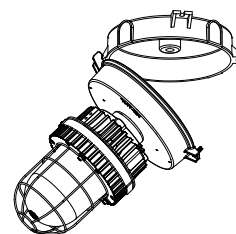
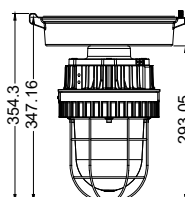
*Top hat is not included when placing order for retrofit pan.

8.4 kg (18.5 lb)

Retrofit Kit with optional accessory "Guard"
(PANG)



Installation Diagram

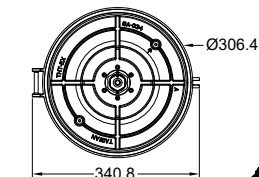


*Top hat is not included when placing order for retrofit pan.

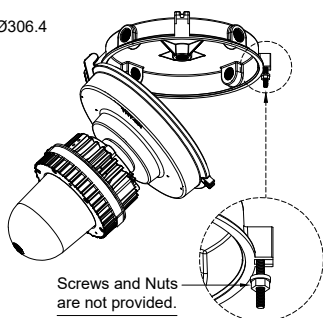
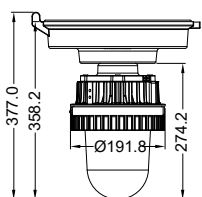
8.7 kg (19.2 lb)

Retrofit Kit for A Brand

(PANA)



Installation Diagram

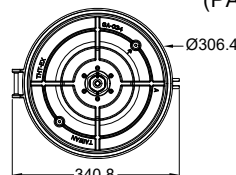


Screws and Nuts are not provided.

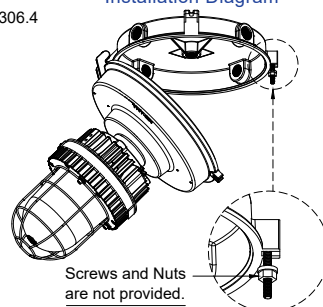
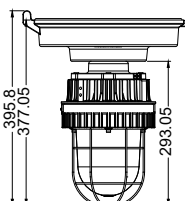
*Top hat is not included when placing order for retrofit pan.

8.7 kg (19.2 lb)

Retrofit Kit with optional accessory "Guard"
(PANAG)



Installation Diagram



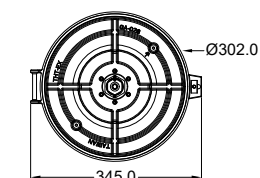
Screws and Nuts are not provided.

*Top hat is not included when placing order for retrofit pan.

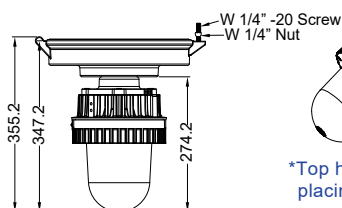
9.0 kg (19.8 lb)

Retrofit Kit for K Brand

(PANK)



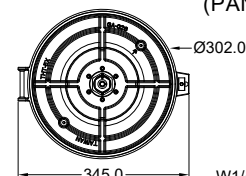
Installation Diagram



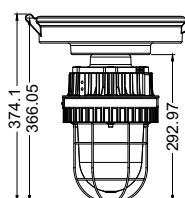
*Top hat is not included when placing order for retrofit pan.

9.0 kg (19.8 lb)

Retrofit Kit with optional accessory "Guard"
(PANKG)



Installation Diagram



W 1/4" -20 Screw
W 1/4" Nut

*Top hat is not included when placing order for retrofit pan.

9.3 kg (20.5 lb)

Applicable Area

- Oil Refinery Complex
- Painting Facility
- Transproting Liquefied
- Offshore Platform
- Petrochemical Complex
- Transporting Nature Gas
- Petroleum Gas
- (Oil and Natural Gas)