

L1705C

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

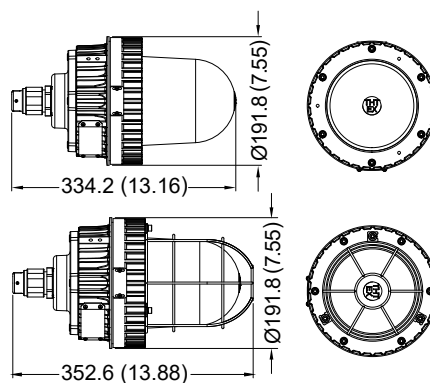
Standards

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 : 9.5 kg (20.9 lb)

Technical Data

Rated Voltage (±10%)	120V / 277V / 480V AC			
Watts (±10%)	40W / 50W / 70W / 80W			
Amps	40W 120V: 0.33A, 277V: 0.14A / 50W 120V: 0.42A, 277V: 0.18A / 70W 120V: 0.58A, 277V: 0.25A / 80W 120V: 0.67A, 277V: 0.29A, 480V: 0.17A			
Color of LED Light	3000K (Warm White) / 5000K (Cool White)			
Ambient Temperature	CID2: -40°C ~ +40°C, T3C / CIID1: +40°C, T4A			
Lumen (±10%)		40W	50W	70W
	3000K	3600lm	4500lm	6300lm
	5000K	4000lm	5000lm	7000lm
Beam Angle	X-170° / Y-170°			
Power Factor	cos ≥ 0.9, cos ≥ 0.87 (480V)			
CRI	Cool White ≥ 70 / Warm White ≥ 80			
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			

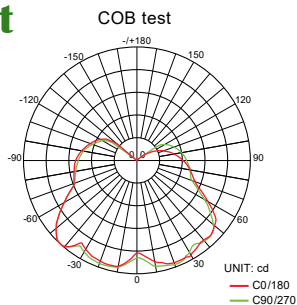


Dimension in Millimeters (inches)

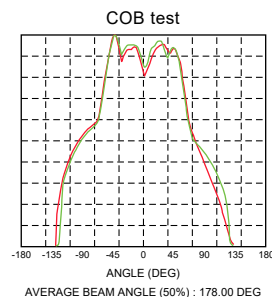
▲ Illumination angle 360°

Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram



Model Code

THT	H	1705	C	B	B	C	6	D0	S25	G
						①	②	③	④	⑤

① C.C.T.

C=Cool White
W=Warm White

② Voltage

6=120V
9=277V
C=480V

③ Wattage

D0=40W, E0=50W
G0=70W, H0=80W

④ 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

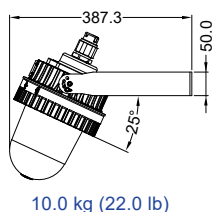
⑤ Optional Accessory

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

Mounting Option & Dimensions (All in mm)

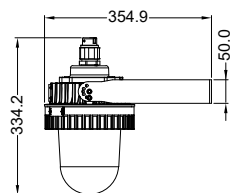
Standard Product

Wall / Hanging Mount 25° (W25)



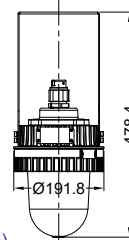
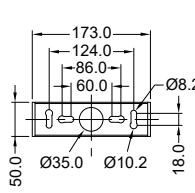
10.0 kg (22.0 lb)

Wall / Hanging Mount 90° (W90)



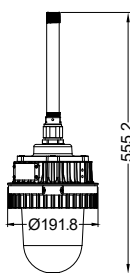
10.0 kg (22.0 lb)

Hanging Mount 90° (H90)



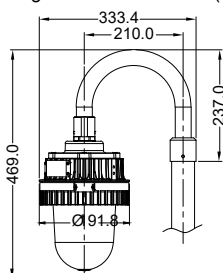
10.0 kg (22.0 lb)

Straight Electrical Tube (P90)



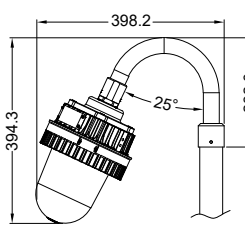
10.5 kg (23.1 lb)

Bending Electrical Tube 90° (S90)



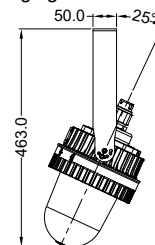
10.6 kg (23.4 lb)

Bending Electrical Tube 25° (S25)



10.5 kg (23.1 lb)

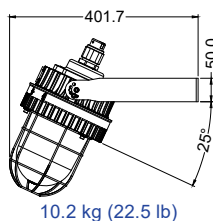
Hanging Mount 25° (H25)



10.0 kg (22.0 lb)

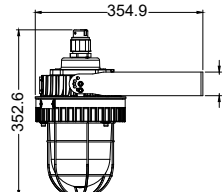
With optional accessory "Guard"

Wall / Hanging Mount 25° (W25G)



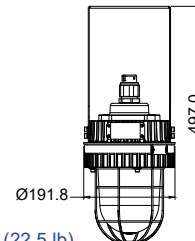
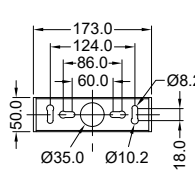
10.2 kg (22.5 lb)

Wall / Hanging Mount 90° (W90G)



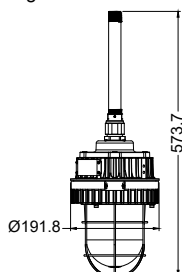
10.2 kg (22.5 lb)

Hanging Mount 90° (H90G)



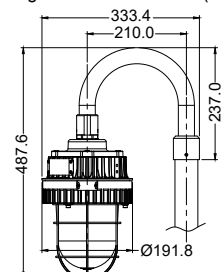
10.2 kg (22.5 lb)

Straight Electrical Tube (P90G)



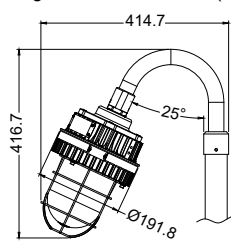
10.7 kg (23.5 lb)

Bending Electrical Tube 90° (S90G)



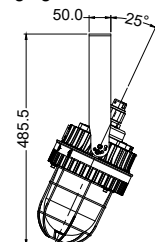
10.8 kg (23.8 lb)

Bending Electrical Tube 25° (S25G)



10.7 kg (22.0 lb)

Hanging Mount 25° (H25G)

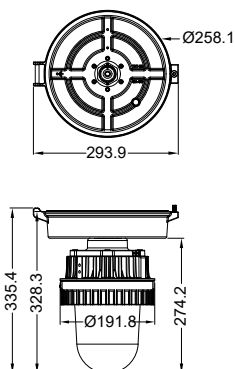


10.2 kg (22.5 lb)

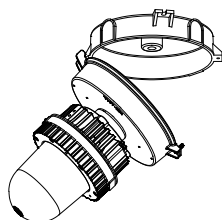
Pan Mounting Option & Dimensions (All in mm)

Retrofit Kit for C Brand

(PAN)



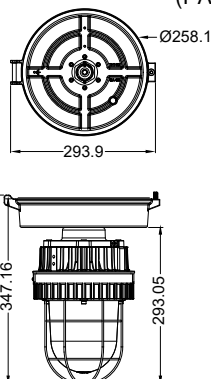
Installation Diagram



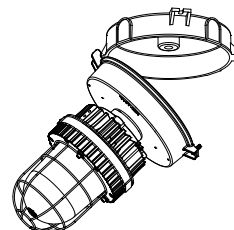
*Top hat is not included when placing order for retrofit pan.

10.5 kg (23.1 lb)

Retrofit Kit with optional accessory "Guard"
(PANG)



Installation Diagram

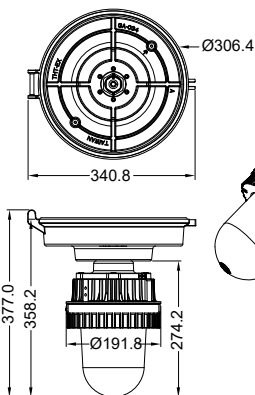


*Top hat is not included when placing order for retrofit pan.

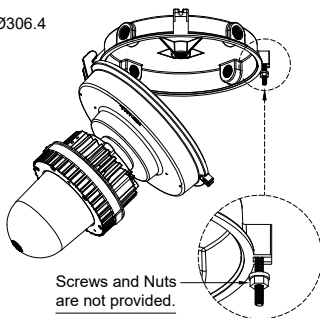
10.8 kg (23.8 lb)

Retrofit Kit for A Brand

(PANA)



Installation Diagram

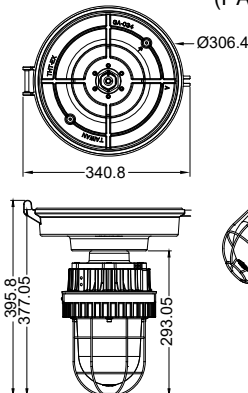


Screws and Nuts are not provided.

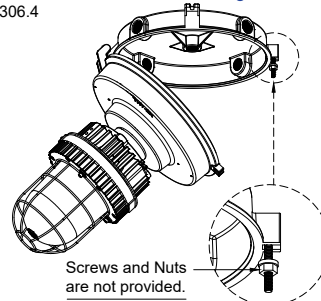
*Top hat is not included when placing order for retrofit pan.

10.8 kg (23.8 lb)

Retrofit Kit with optional accessory "Guard"
(PANAG)



Installation Diagram



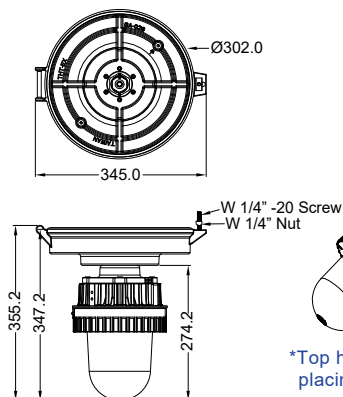
Screws and Nuts are not provided.

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

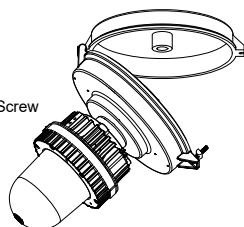
11.1 kg (24.5 lb)

Retrofit Kit for K Brand

(PANK)



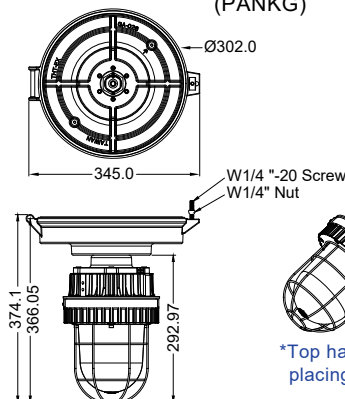
Installation Diagram



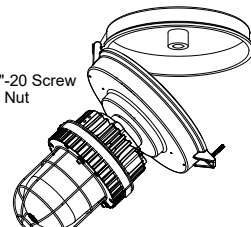
*Top hat is not included when placing order for retrofit pan.

11.0 kg (24.3 lb)

Retrofit Kit with optional accessory "Guard"
(PANKG)



Installation Diagram



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

11.3 kg (24.9 lb)

Applicable Area

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