

L1105

Luminaires For Use In Hazardous Locations

CID2
Group
A, B, C, D

CIID1
Group
E, F, G

IP67

NEMA
6



Protection

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

Standards

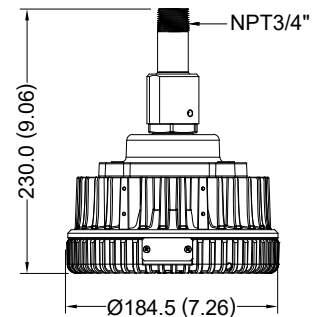
UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 137-M1981
CSA C22.2 No. 30-M1986
CSA C22.2 No. 25-1996
CSA C22.2 No. 250.0
CSA C22.2 No. 250.13

Net Weight: 4.5 kg (9.9 lb)

SMD

Technical Data

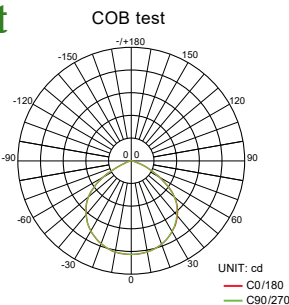
Rated Voltage (±10%)	COB: 24V / 120V / 277V / 480V, SMD: 120V / 277V AC										
Watts (±10%)	40W / 60W (Watts of 24V are different, please contact us for details.)										
Amps	COB: 40W 24V: 1.67A, 120V: 0.33A, 277V: 0.14A, 480V: 0.08A 60W 24V: 2.50A, 120V: 0.50A, 277V: 0.22A, 480V: 0.13A SMD: 40W 120V: 0.33A, 277V: 0.14A 60W 120V: 0.50A, 277V: 0.22A										
Color of LED Light	3000K (Warm White) / 5000K (Cool White)										
Ambient Temperature	CID2: -40°C ~ +40°C, T3C / CIID1: +40°C, T4										
Power Factor	cos ≥ 0.9, cos ≥ 0.87 (480V)										
CRI	Cool White ≥ 70 / Warm White ≥ 80										
Lumen (±10%)		<table border="1"> <thead> <tr> <th></th> <th>40W</th> <th>60W</th> </tr> </thead> <tbody> <tr> <td>3000K</td> <td>3800lm</td> <td>5700lm</td> </tr> <tr> <td>5000K</td> <td>4000lm</td> <td>6000lm</td> </tr> </tbody> </table>		40W	60W	3000K	3800lm	5700lm	5000K	4000lm	6000lm
	40W	60W									
3000K	3800lm	5700lm									
5000K	4000lm	6000lm									
Beam Angle	X-110° / Y-110°										
Frequency	50 / 60 Hz										
Degree of Protection	IP67 / NEMA 6										
Material	<ul style="list-style-type: none"> • Enclosure • Glass Aluminum alloy Tempered glass										
LED Service Life	60,000 hrs										
Entrance Thread	1 × NPT 3/4"										



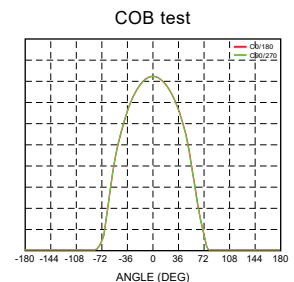
Dimension in Millimeters (inches)

Optical Report

Polar Luminous
Intensity Distribution



Luminous
Intensity Distribution Diagram

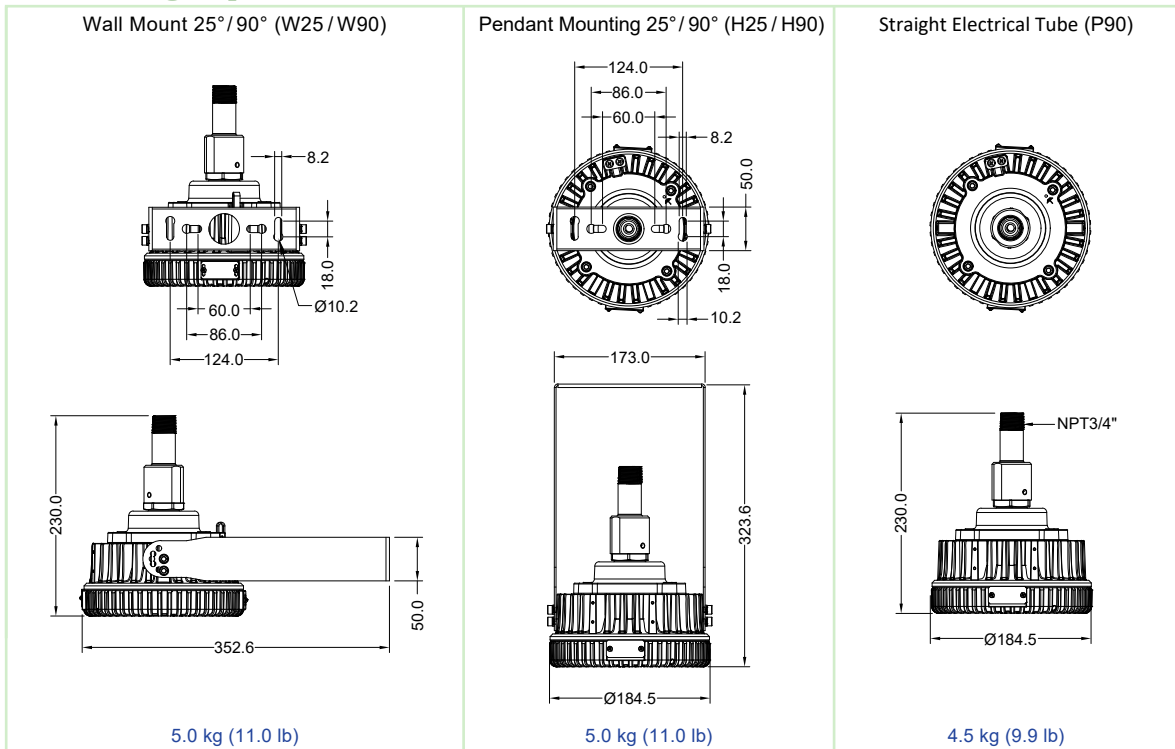


Model Code

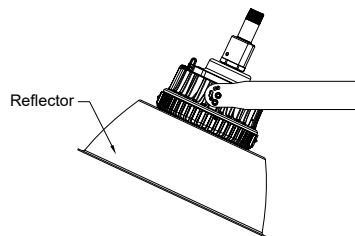
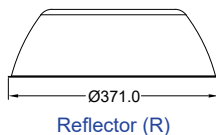
THT	E	1105	Z	B	B	C	9	F0	P90	R
					①	②	③	④	⑤	⑥

- | | | | | |
|--|--|---|--|---|
| <p>① Type of LED Model
B=COB LED Module
K=SMD LED Module</p> <p>② C.C.T.
C=Cool White
W=Warm White</p> | <p>③ Voltage
6=120V
9=277V
C=480V
3=24V</p> | <p>④ Wattage
D0=40W
F0=60W</p> | <p>⑤ Mounting Bracket Type
W25/90=Wall mount 25°/90°
H25/90=Pendant 25°/90°
P90=Straight Electrical Tube
Pan= Pan Mounting
PAN=Pan Mounting - C Brand
PANA=Pan Mounting - A Brand
PANK=Pan Mounting - K Brand</p> | <p>⑥ Optional Accessory
R=Reflector
(Keep the code blank if no accessory is needed.)</p> |
|--|--|---|--|---|

Mounting Option & Dimensions (All in mm)



Optional Accessory



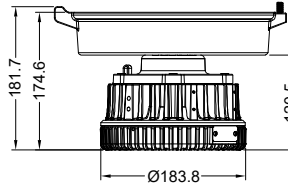
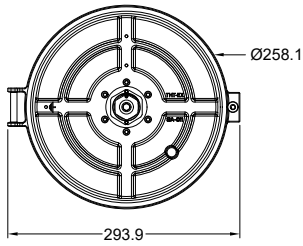
Applicable Area

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

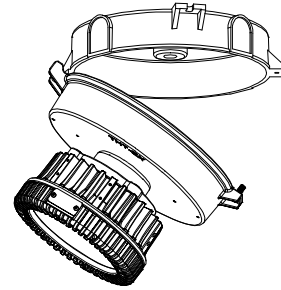
Pan Mounting Option & Dimensions (All in mm)

Retrofit Kit for C Brand

(PAN)



Installation Diagram

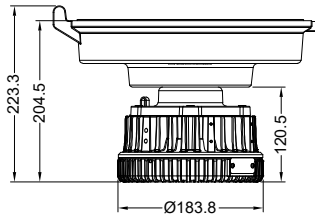
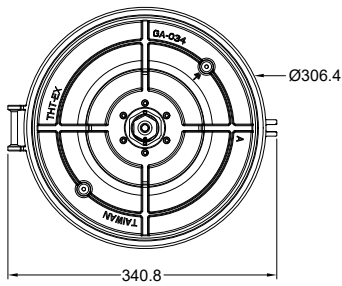


*Top hat is not included when placing order for retrofit pan.

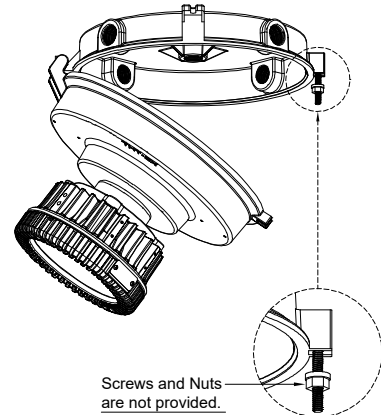
5.5 kg (12.1 lb)

Retrofit Kit for A Brand

(PANA)



Installation Diagram



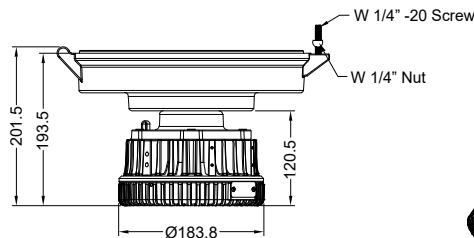
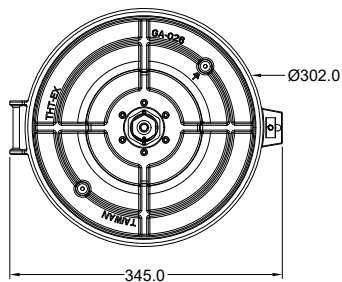
Screws and Nuts are not provided.

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

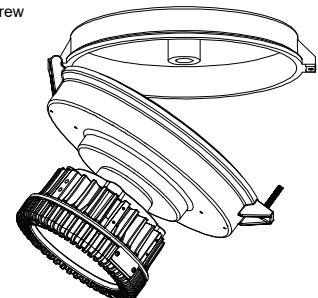
5.8 kg (12.8 lb)

Retrofit Kit for K Brand

(PANK)



Installation Diagram



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

6.0 kg (13.2 lb)