

Retrofit Styles



PNA



PNC



PNK



Prismatic Glass Globe

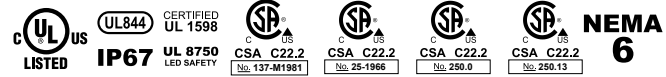


With Accessory "Guard"

Project:	
Type:	
Catalog #:	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com

CERTIFICATIONS / RATINGS



CLASS / DIVISION

- Class I, Div 2, Groups A, B, C, D • Class III
- Class II, Div 1, Groups E, F, G

KEY FEATURES AND BENEFITS

- Applicable to high temperature environment, up to 85°C (185°F)
- Prismatic and Clear glass globe options with guard accessory.
- Marine grade housing / salt water spray resistant.
- RetroFit options saves on installation time.
- 3/4" NPT pendant hub standard.



SPECIFICATIONS

Voltage	120V / 277V / 480V AC, (480V only for 80W)
Wattage	40W / 50W / 70W / 80W
Color Temp	White: 3000 Kelvin / 5000 Kelvin
Housing	Aluminum Alloy
Color	Gray
Lens	Tempered Glass: Clear Glass Globe, Prismatic Glass Globe
Lifetime	60,000 hrs L70
CRI	≥ 80 (3000K) / ≥70 (5000K)
Beam Angles models)	X-170° / Y-170° (40w-80w models)
Power Factor	cos ≥ 0.9, cos ≥ 0.87 (480vAC)
Protection	IP67 / NEMA 6
Warranty	5 Year Limited Warranty (See high ambient temperature applications for warranty exceptions)

CLASS / DIVISION / TEMPERATURE

Models	Class/ Division	Ambient Temperature	T-Rating	IP Rating
ALL	Class I Division 2 Groups A, B, C, D	-40°C ~ +40°C (-40°F ~ +104°F)	T3C	IP67
	Class II Division 1 Groups E, F, G	+40°C (+104°F)	T4A	IP67
	Class III	N/A	N/A	IP67

HIGH AMBIENT TEMPERATURE APPLICATIONS

Non-Hazardous Location Applications - Temperature / Warranty Information

Some models of this light are rated for high ambient temperature operation in non-hazardous locations.

In hazardous locations, the lights **MUST** be operated within the UL rated temperature range detailed in the Class/Division/Temperature chart above. Warranty limitations apply to high ambient temp. operation

Models	Max Ambient Temp	Warranty
All Models	65°C (149°F)	5 Year Limited Warranty
40w/50w 120/277vAC	85°C (185°F)	2 Year Limited Warranty

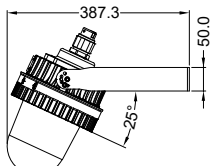
LUMENS

Kelvin	40W	50W	70W	80W
3000K	3,600	4,500	6,300	7,200
5000K	4,000	5,000	7,000	8,000

MOUNTING OPTIONS

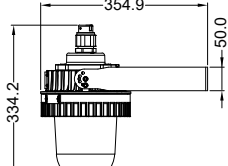
AB - Adjustable Bracket (Wall / Hanging Mount 25° & 90°)

Wall / Hanging Mount 25°



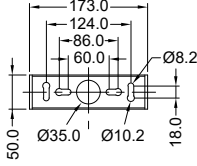
10.0 kg (22.0 lb)

Wall / Hanging Mount 90°

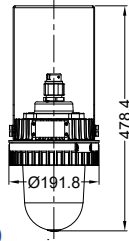


10.0 kg (22.0 lb)

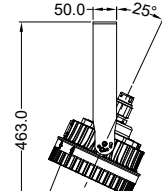
Hanging Mount 90°



10.0 kg (22.0 lb)



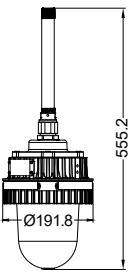
Hanging Mount 25°



10.0 kg (22.0 lb)

PM - Pedant Mount (Straight Electrical Tube)

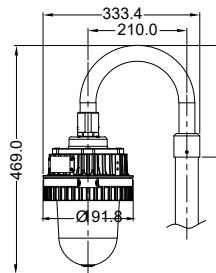
Straight Electrical Tube



10.5 kg (23.1 lb)

2SM - 25° Stanchion Mount (Bending Electrical Tube 90°)

Bending Electrical Tube 90°

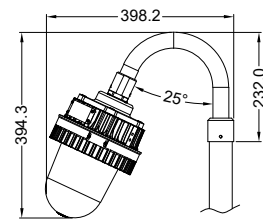


10.6 kg (23.4 lb)

NPT 1-1/2" threaded connector

9SM - 90° Stanchion Mount (Bending Electrical Tube 25°)

Bending Electrical Tube 25°



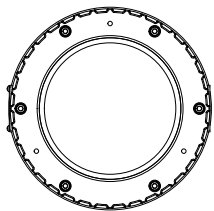
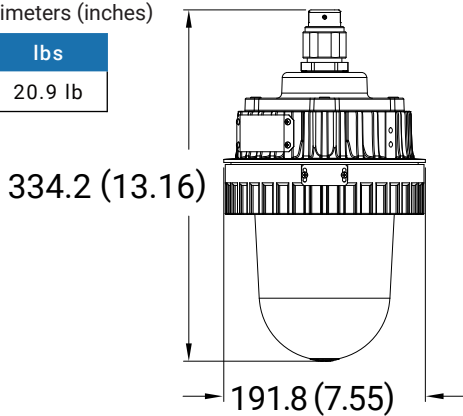
10.5 kg (23.1 lb)

NPT 1-1/2" threaded connector

WEIGHTS AND DIMENSIONS

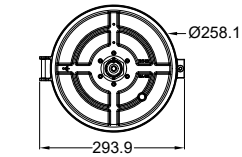
Dimension in Millimeters (inches)

Configuration	lbs
40w/50w/ 70w/80w	20.9 lb

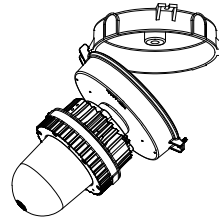
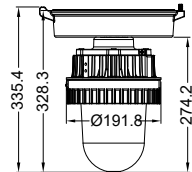


Mounting Box Option & Dimensions (All in mm)

PNC - Retrofit Kit for Crouse



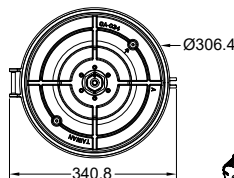
Installation Diagram



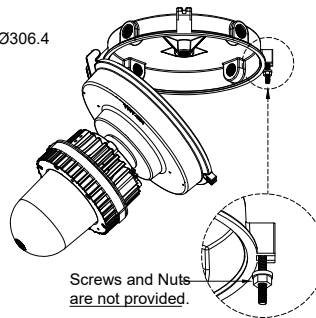
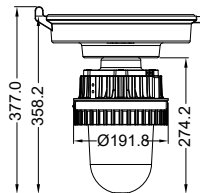
*Top hat is not included when placing order for retrofit pan.

10.5 kg (23.1 lb)

PNA - Retrofit Kit for Appleton



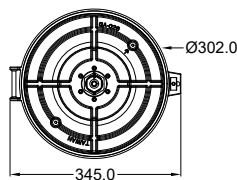
Installation Diagram



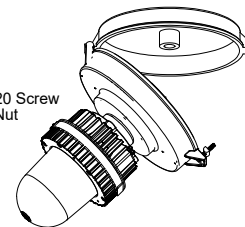
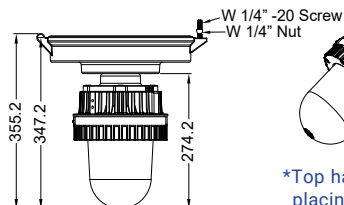
*Top hat is not included when placing order for retrofit pan.

10.8 kg (23.8 lb)

PNK - Retrofit Kit for Killark/Hubbell



Installation Diagram

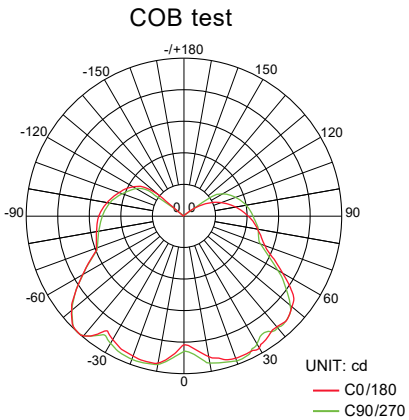


*Top hat is not included when placing order for retrofit pan.

11.0 kg (24.3 lb)

OPTICS REPORT LIGHT DISTRIBUTION

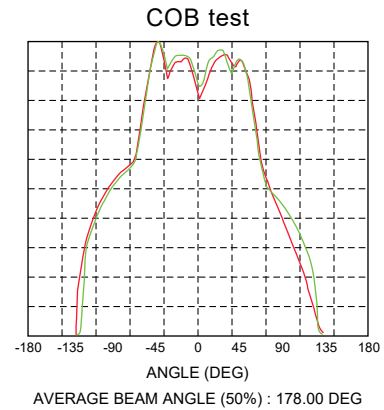
Polar Luminous & Intensity Distribution



LUMENS

Kelvin	40W	50W	70W	80W
3000K	3,600	4,500	6,300	7,200
5000K	4,000	5,000	7,000	8,000

Luminous & Intensity Distribution Diagram



ORDERING INFORMATION

ORDERING GUIDE

Series	Wattage	Voltage	CCT	Mounting*	Globe	Accessory
CAN-1	4 = 40W 5 = 50W 7 = 70W 8 = 80W	LV1 = 120 VAC LV2 = 277 VAC HV = 480 VAC (80W Model Only)	S = 3000K C = 5000K	AB = Adjustable Mount (Wall/ Hanging) 2SM = 25° Stanchion Mount 9SM = 90° Stanchion Mount PNC = Mounting Box - Crouse PNA = Mounting Box - Appleton PNK = Mounting Box - Hubbell/Krillark PNH = Mounting Box - Holophane PND = Mounting Box - Dialight	PG = Prismatic Glass CG = Clear Glass	JB = Junction Box NPT = 3/4" NPT: Pedant Standard WG1 = Globe Guard

*Prior to ordering, we suggest you try our sample mounting box, to ensure compatibility



KEY FEATURES AND BENEFITS

The OPEB series junction box intend to be used or explosive atmospheres. For general wiring in hazardous locations. Copper free aluminum enclosure.

- Ex d type flameproof enclosure.
- Four types of enclosures available.
- The degree of protection is IP66.

SPECIFICATIONS

Model	Terminal Spec
OPEB	2.5mm ² / 24A
	2.5mm ² / 24A
	4mm ² / 27A

Number of Terminal Block	Cable Entry Spec	Cable Entry Amount
Max. 4	¾" NPT / M25x1.5	Max.5

- Certification For OPEB Series Junction Box**
- Class I, Division 1, Groups A, B, C and D
 - Class I, Division 2, Groups A, B, C and D
 - Class II, Division 1, Groups E, F and G
 - Class II, Division 2, Groups F and G
 - Class III

Rated Voltage Max.800VAC
Rated Current 24A, 32A, 41A

- Ambient Temperature**
- Type A, B, C, D, E, F: Threaded joints
 - Type KB1: Flanged and threaded joints

DIMENSIONS

