

Retrofit Styles



SPECIFICATIONS

Voltage	120VAC / 277VAC / 480VAC
Wattage	60w / 80w / 100w
Color Temp	3000 / 5000 Kelvin
Housing	Coated copper free aluminum alloy
Color	Gray
Lens	Tempered glass
Lifetime	60,000 hrs L70
CRI	≥ 80 (3000K) / ≥70 (5000K)
Beam Angles	X-110° / Y-110°
Power Factor	cos ≥ 0.9, cos ≥ 0.87 (480vAC)
Protection	IP67 / NEMA 6
Dimming	None Dimming
Warranty	5 Year Limited Warranty (See high ambient temperature applications for warranty exceptions)

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 II, Div 2, Groups F, G

KEY FEATURES AND BENEFITS

- Applicable to high temperature environment, up to 100°C (212°F)
- RetroFit options saves on installation time when replacing competitors products.
- Marine grade housing / salt water spray resistant
- Comes standard with 304 stainless steel hardware, options for 316 stainless steel upgrades.
- 3/4" NPT pendant hub standard.
- IP67 rating.



CLASS / DIVISION / TEMPERATURE

Models	Class/ Division	Ambient Temperature	T-Rating	IP Rating
NASA	Class I Division 2 Groups B, C, D	-40°C ~ +40°C (-40°F ~ +104°F)	T4 *T3A for 208V	IP67
	Class II Division 2 Groups E, F, G	+40°C (+104°F)	T4	IP67

*The NASA can be used in both CID1 and CID2 (but mounting boxes cannot be used in CID1), and suitable for 85C environments.

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

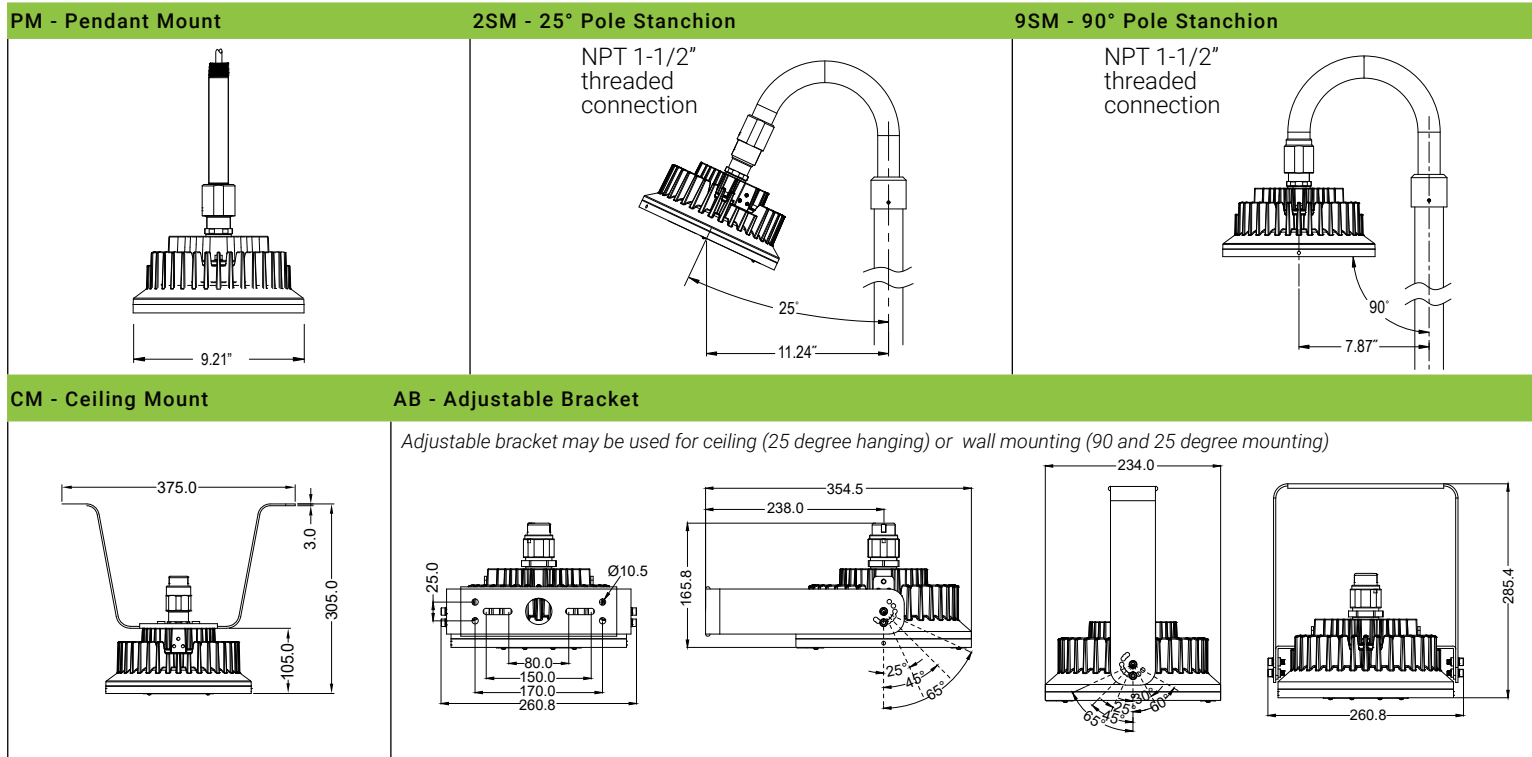
Models	Max Ambient Temp	Warranty
All Models	65°C (149°F)	5 Year Limited Warranty
60w & 80W 120/277v	85°C (185°F)	2 Year Limited Warranty
60w 120/277v	100°C (212°F)	1 Year Limited Warranty

*60w with 480v is not for high-temp application.

LUMENS

Kelvin	60W	80W	100W
3000K	5,700	7,600	9,000
5000K	6,000	8,000	10,000

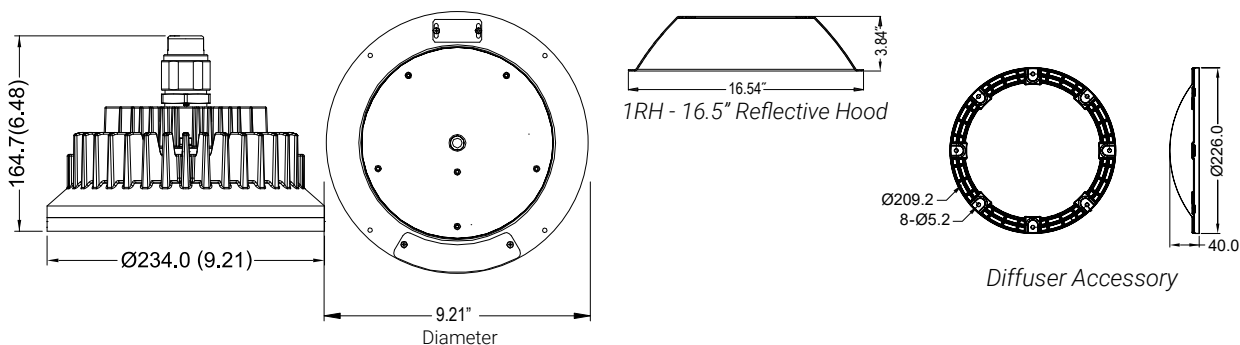
MOUNTING OPTIONS



WEIGHTS AND DIMENSIONS

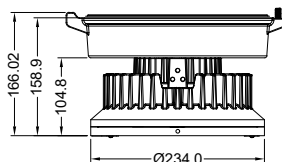
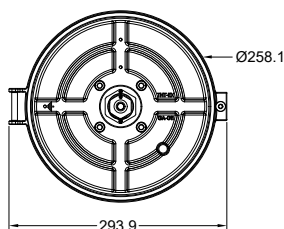
Configuration	lbs
Without Bracket	12.1 lb
With Bracket	16.3 lb

Dimension in Millimeters (inches)

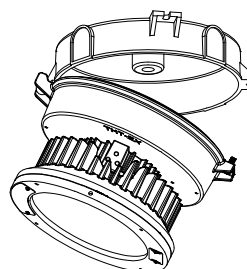


Mounting Box Option & Dimensions (All in mm)

PNC - Retrofit Kit for Crouse



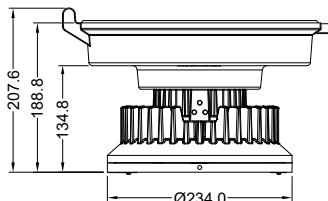
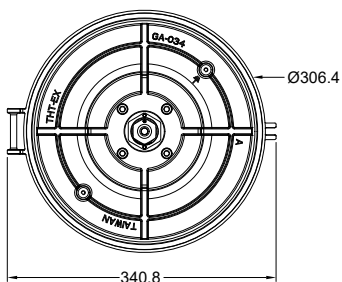
Installation Diagram



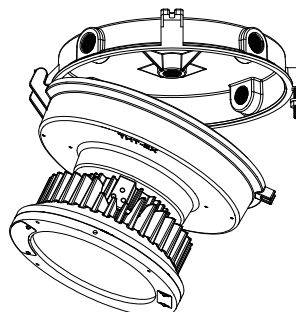
*Top hat is not included when,
placing order for retrofit pan.

6.5 kg (14.3 lb)

PNA - Retrofit Kit for Appleton



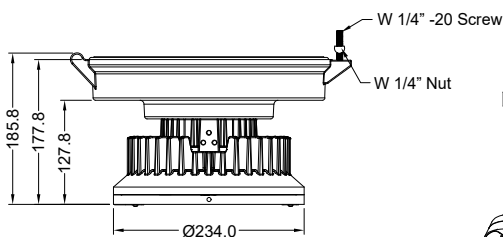
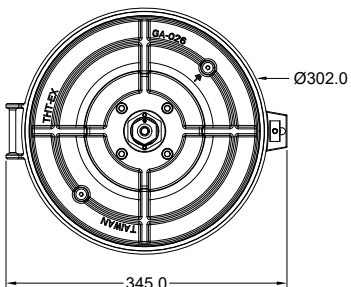
Installation Diagram



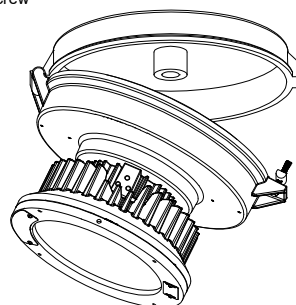
*Top hat is not included when,
placing order for retrofit pan.

6.8 kg (15.0 lb)

PNK - Retrofit Kit for Killark/Hubbell



Installation Diagram

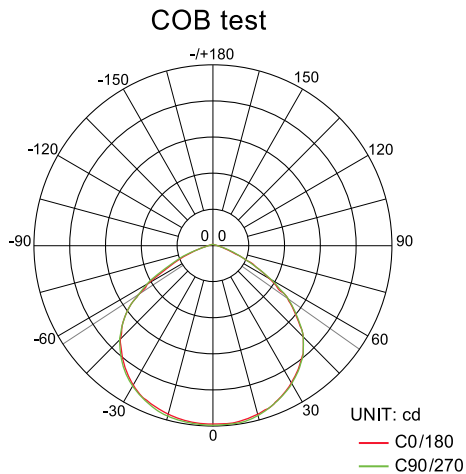


*Top hat is not included when,
placing order for retrofit pan.

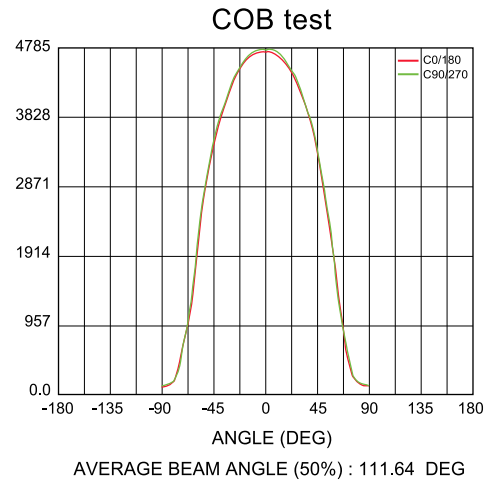
7.0 kg (15.4 lb)

OPTICS REPORT LIGHT DISTRIBUTION

Polar Luminous & Intensity Distribution



Luminous & Intensity Distribution Diagram



LUMENS

Kelvin	60W	80W	100W
3000K	5,700	7,600	9,000
5000K	6,000	8,000	10,000

ORDERING INFORMATION

ORDERING GUIDE

Series	Wattage	Voltage	CCT	Mounting*	Accessory
NA-2	6 = 60W	LV1 = 120 VAC	S = 3000K	2SM** = 25° Stanchion Mount	JB = Junction Box
NA-3	8 = 80W	LV2 = 277 VAC	C = 5000K	9SM** = 90° Stanchion Mount	NPT = 3/4" NPT: Pedant Standard
	10 = 100W	HV = 480 VAC		PM** = Pedant Mount	DF = Len Diffuser
				CM** = Ceiling Mount	1RH** = Reflective Hood
				AB = Adjustable Bracket	SD = 304SS-Stainless Steel Bracket & Hardware
				PNC = Mounting Box - Crouse	UG = 316SS-316 Stainless Steel
				PNA = Mounting Box - Appleton	FC = Fluorocarbon Coating
				PNK = Mounting Box - Hubbell/Krillark	
				PNH = Mounting Box - Holophane	
				PND = Mounting Box - Dialight	

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

** Only compatible with NA-2

** Only the Adjustable Bracket mounting bracket is provided with the UG 316 option.



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

