

Project:	
Type:	
Catalog # :	

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



Product Description

The Mars-Series LED Luminaire can be used to replace HPS/MH jelly jar fixtures. The Mars series is typically used in small spaces in which mounting heights range from 6-12ft. Commonly installed where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 4X areas where wind, water, snow or high ambient temperatures can be expected. The fixture can be used in locations made hazardous by the presence of flammable vapors or gases or combustible dusts as defined by the NEC. The Mars is **standard with pendant mount and strut mounting clips**.

Features

- Heavy-duty and high impact resistance
- Replaceable Driver, LED board
- Dimmable and non-dimmable options available.
- Tempered glass lens standard with opal globe and guard option available.
- Optic is 120 degree. Dome reflectors available.
- Various mounting options include: pendant mount, wall mount, stanchion, or surface mount.
- Standard 120-277V, Available options include:
 - o 12-36VDC
- Operating Temperature:
 - o -40°C - 60°C (-40°F - 140°F)
- **Housing:** A383 Die Cast Aluminum
- **Gasketing:** Fluorosilicone Rubber
- **Hardware:** Stainless Steel
- **Finish:** Polyester Powdercoat
- **Lens:** Tempered Glass
- **LED Chips:** Philips
- **Driver:** Meanwell
- **Surge Protection:** 10KV
- **Expected Life:** Over 85,000 hrs.
- **Rating:** IP66 & IK10
- **Color Rendering Index (CRI):** 80

Compliance

UL 844 Hazardous Locations North America

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

Other Markings / Standards

- IP66
- IK10

Marking Marine

- UL1598, UL1598A
- ABS

5 Year and 10 Year Warranties Available

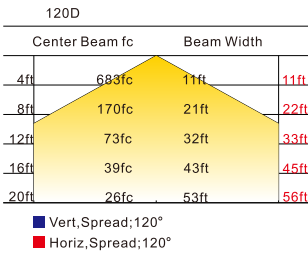


BAA and TAA available. Contact factory for more information and pricing.

Applications

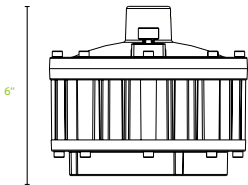
- Power Plants / Heavy Industrials Storage Facility
- Paper Mills / Wastewater Treatment Plants
- Loading Docks / Platforms / Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility
- Mining
- Ocean Marine
- LNG facilities
- Metal Industry
- Food & Alcohol Industry
- Remote sensors (Coming 2022)

Photometric



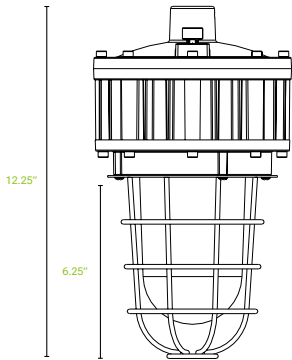
Product Dimensions

Flat Lens w/ Pendant Mount

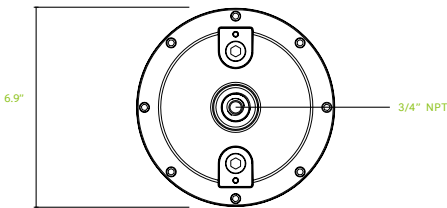


* Contact your local FME representative for angle or dome reflector dimensions

Drop Lens with Wire Guard w/ Pendant Mount



Ceiling Mounting Plate

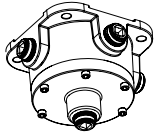


Lumen Chart

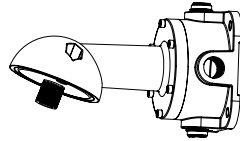
	5000K
10W	1,400lm
20W	2,800lm
30W	4,200lm
40W	5,600lm

Mounting Accessories

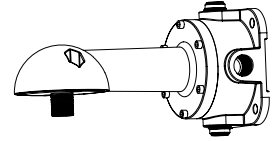
OPEB: Junction Box



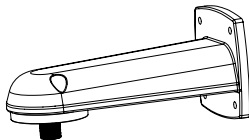
OPWA25: 25° Wall Mount & Junction Box



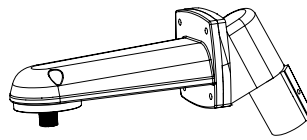
OPWA90: 90° Wall Mount & Junction Box



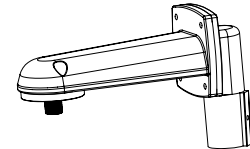
OPWA: 90° Wall Mount



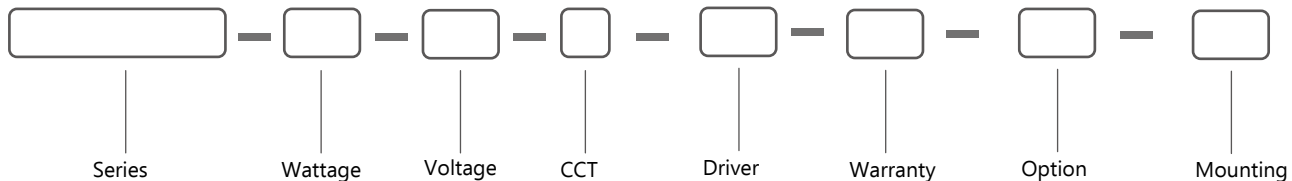
OPPS25: 25° Pole Mount



OPPS90: 90° Pole Mount



Ordering Information



<u>SERIES</u>	<u>WATTAGE</u>	<u>VOLTAGE</u>	<u>COLOR TEMP</u>	<u>DRIVER</u>	<u>WARRANTY</u>
FME-MAR	1 = 10W 2 = 20W 3 = 30W 4 = 40W	A = AC100-277V	S = 3000K I = 4000K C = 5000K K = 6000K	D = 0-10V Dimming ND = No Dimming	5Y = Five Year Std 10Y* = Ten Year Warranty*

*Please contact factory for 10yr option.

OPTION

C G = Clear Globe
 FG = Frosted Globe
 WG = Wire Guard
 CGG = Clear Globe w/ Wire Guard
 FGG = Frosted Globe w/ Wire Guard
 DREF = Dome Reflector
 AREF = Angle Reflector
 S = Sensor (coming 2022)
 BAA** = Buy American Act Compliant**
 TAA** = Trade Agreements Act Compliant**

**Please contact factory for BAA and TAA options.

MOUNTING / ACCESSORIES

OPEB = Junction Box
 OPCM = Ceiling / Surface Mounting & Junction Box: 3/4" NPT
 OPWA = 90° Wall Mount
 OPWA25 = 25° Wall Mount & Junction Box: 3/4" NPT
 OPWA90 = 90° Wall Mount & Junction Box: 3/4" NPT
 OPPS25 = 25° Pole Mount: 1-1/2" NPT
 OPPS90 = 90° Pole Mount: 1-1/2" NPT

***FME STANDARD STOCK ITEMS ARE:**

- 5000K CCT
- 100-277
- W/Globe and Wire Guard

*Contact Factory for 12-36VDC