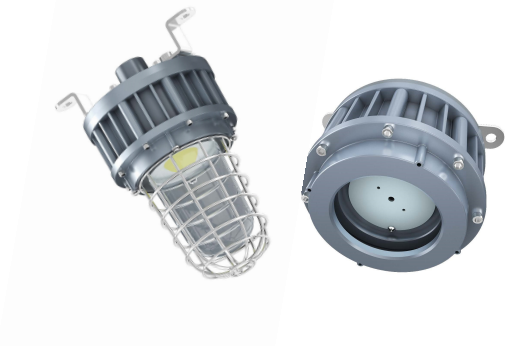
5 Year and 10 Year Warranties Available

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

Project:	
Type:	
Catalog #:	



Hazardous Location LED Luminaire

FME Mars-Series

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 for wider distribution and protection.
  - Angle Reflector
  - Dome Reflector
- Various mounting options include: pendant mount, wall mount, stanchion, or surface mount.
- Standard 120-277V, Available options include:
  - 12-36VDC
- Operating Temperature:
  - -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

Marking Marine

- UL1598, UL1598A
- ABS

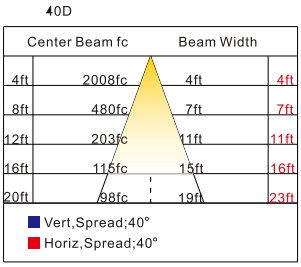
Other Markings / Standards

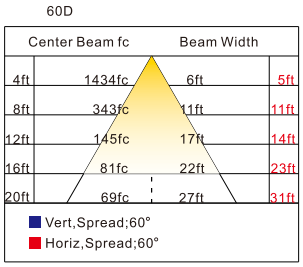
- IP66
- IK10

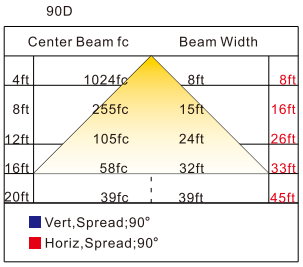
Applications

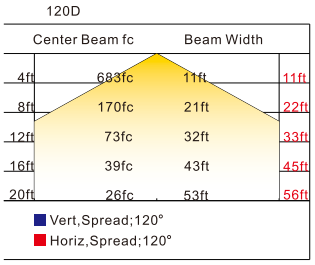
- Power Plants / Heavy Industrials Storage Facility
- Paper Mills / Wastewater Treatment Plants
- Loading Docks / Platforms / Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility
- Mining
- Ocean Marine
- LNG facilities
- Metal Industry
- Food & Alcohol Industry
- Remote sensors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

Photometric



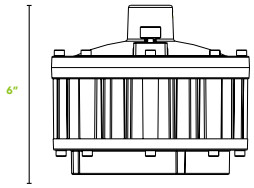






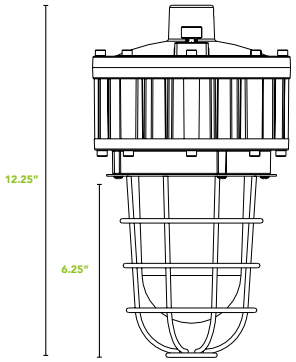
Product Dimensions

Flat Lens w/ Pendant Mount

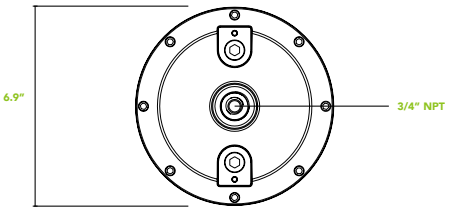


*** Contact your local FME representative for angle or dome reflector dimensions**

Drop Lens with Wire Guard w/ Pendant Mount



Ceiling Mounting Plate

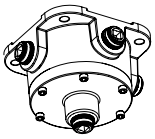


Lumen Chart

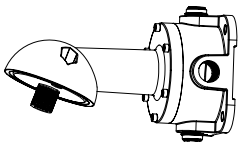
	5000K
10W	1,400lm
20W	2,800lm
30W	4,200lm
40W	5,600lm
50W	7,000lm

Mounting Accessories

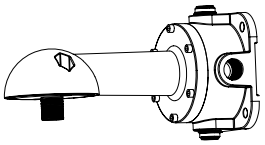
OPEB: Junction Box



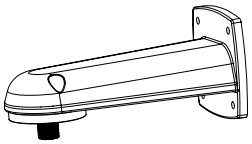
OPWA25: 25° Wall Mount & Junction Box



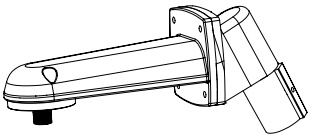
OPWA90: 90° Wall Mount & Junction Box



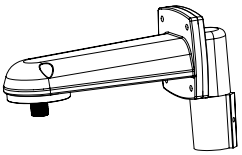
OPWA: 90° Wall Mount



OPPS25: 25° Pole Mount



OPPS90: 90° Pole Mount



Ordering Information

Series — Wattage — Voltage — CCT — Optic — Driver — Warranty — Option — Mounting

SERIES	WATTAGE	VOLTAGE	COLOR TEMP	OPTIC	DRIVER	WARRANTY
FME-MAR	1 = 10W 2 = 20W 3 = 30W 4 = 40W 5 = 50W	A = AC100-277V C = 12-48VDC	S = 3000K I = 4000K C = 5000K K = 6000K	M = 40° N = 60° O = 90° P = 120°	D = 0-10V Dimming ND = No Dimming	5Y = Five Year Std 10Y* = Ten Year Warranty*

*Please contact factory for 10yr option.

OPTION

EM = Emergency Battery Backup
CG = 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***
- ***100-277V***
- ***Non-Dimmable***
- ***W/Globe and Wire Guard***