



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

Project:	
Type:	
Catalog #:	



Hazardous Location LED Luminaire

FME Galaxy-Series



Product description

The GALAXY Series LED Luminaire can be used in locations made hazardous by the presence of flammable vapors, gases, or combustible dusts as defined by the NEC, Atex, CNEX, and CSA. The GALAXY Series is IP66 and IK10 rated. **An adjustable U-Bracket and pendant mounting are standard.**

**EMERGENCY BATTERY BACKUP
ONLY AVAILABLE FOR 150W-400W**

Features

- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Dimmable and non-dimmable options available.
- Emergency battery backup available.
- Tempered glass lens standard.
- Various mounting options include: pendant mount, wall mount, stanchion, hook, or surface mount.
- Standard 120-277V, Available options include
 - 277-480V
- Operating Temperature:
 - 20 - 80W : -40°C - 50°C (-40°F - 122°F)
 - 100 - 400W : -40°C - 40°C (-40°F - 104°F)
- **Housing:** Copper-free Aluminum
- **Gasketing:** Fluorosilicone Rubber
- **Hardware:** Stainless Steel 304
- **Finish:** Polyester Powdercoat
- **Lens:** Tempered Glass or Polycarbonate
- **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 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

Marking Atex

- II3 G Ex ec IIC T3C Gc
- II2 D Ex op is tb IIIC T160°C Db
- EX IIC EX mb eb IIC T3C Gb
- II2 EX op is tb IIC T3C Db

Marking IECEx

- Ex ec IIB T3C Gc
- Ex op is tb IIIC T160°C Db
- EX mb eb IIC T3C Gb
- EX op is tb IIC T3C Db

Marking Marine

- UL1598, UL1598A
- ABS

Other Markings / Standards

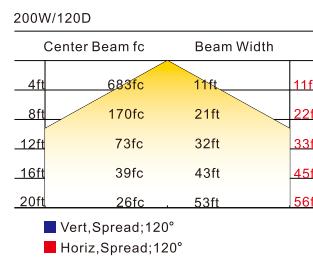
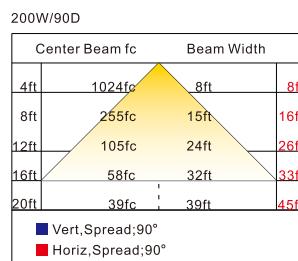
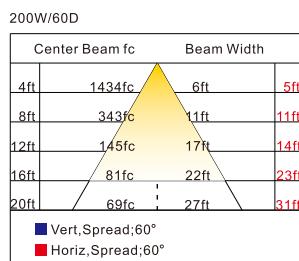
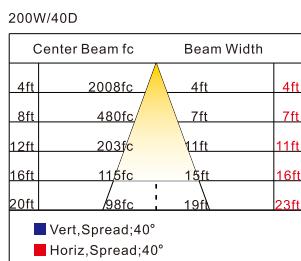
- IP66

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

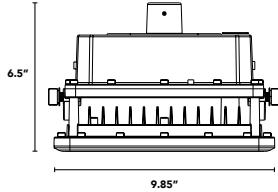
Photometrics

Hazardous Location LED Luminaire

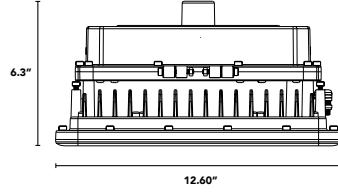


Product Dimensions

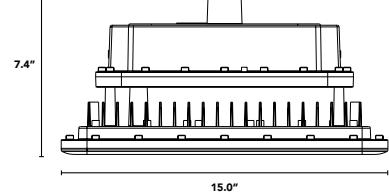
20W - 40W - 60W



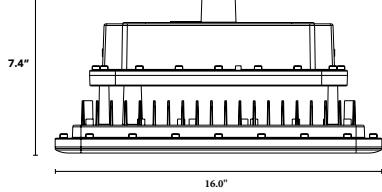
80W - 100W



150W - 200W



250W - 400W



Lumen Chart

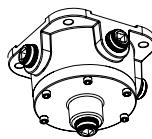
	5000K
20W	2,700 lm
40W	5,400 lm
60W	8,100 lm
80W	10,800 lm
100W	13,500 lm
150W	20,250 lm
200W	28,000 lm

	5000K
250W	35,000 lm
300W	42,000 lm
400W	56,000 lm

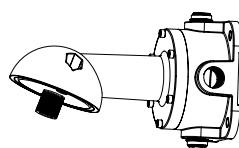
Mounting Accessories

Hazardous Location LED Luminaire

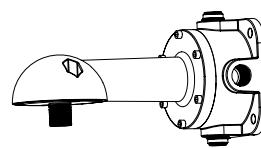
OPEB: Junction Box



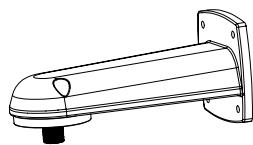
OPWA25: 25° Wall Mount & Junction Box



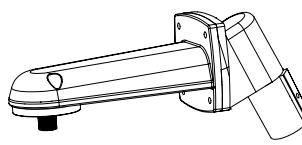
OPWA90: 90° Wall Mount & Junction Box



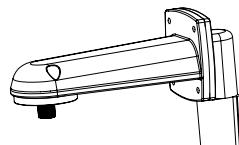
OPWA: 90° Wall Mount



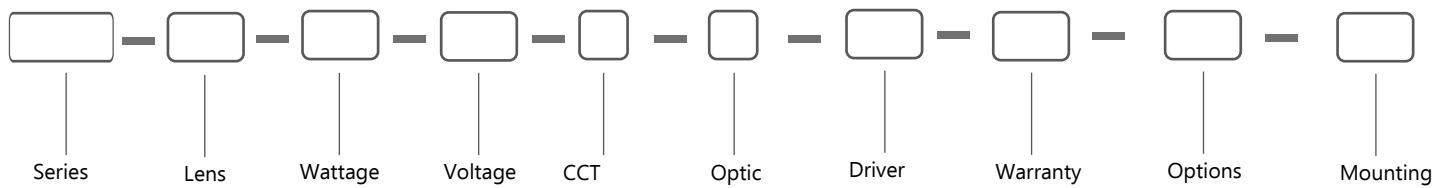
OPPS25: 25° Pole Mount



OPPS90: 90° Pole Mount



Ordering Information



<u>SERIES</u>	<u>LENS</u>	<u>WATTAGE</u>	<u>VOLTAGE</u>	<u>COLOR TEMP</u>	<u>OPTIC</u>	<u>DRIVER</u>
FME-GAX	G = Glass Lens P = Polycarbonate Lens	2 = 20W 4 = 40W 6* = 60W* 6L* = 60W* 8 = 80W 10 = 100W 12 = 120W 15 = 150W 20 = 200W 25 = 250W 30 = 300W 40 = 400W	A = AC100-277V B = AC200-480V	S = 3000K I = 4000K C = 5000K K = 6000K	M = 40° N = 60° O = 90° P = 120°	D = 0-10V Dimming ND = No Dimming

*6 (60W) = 10.2x6.3x8.1in
*6L (60W) = 12.5x9.45x6.5in

**EMERGENCY BATTERY BACKUP
ONLY AVAILABLE FOR 150W-400W**

WARRANTY

5Y = Five Year Warranty

10Y** = Ten Year Warranty**

**Please contact factory for 10yr warranty option

OPTION

EM = Emergency Battery Backup

S = Sensor

BAA*** = Buy American Act Compliant***

TAA*** = Trade Agreements Act Compliant***

***Please contact factory for BAA and TAA options.

MOUNTING AND 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