



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

200W/40D

Center Beam fc	Beam Width
4ft 2008fc	4ft 4ft
8ft 480fc	7ft 7ft
12ft 203fc	11ft 11ft
16ft 115fc	15ft 16ft
20ft 88fc	19ft 23ft

■ Vert, Spread; 40°
■ Horiz, Spread; 40°

200W/60D

Center Beam fc	Beam Width
4ft 1434fc	6ft 5ft
8ft 343fc	11ft 11ft
12ft 145fc	17ft 14ft
16ft 81fc	22ft 23ft
20ft 69fc	27ft 31ft

■ Vert, Spread; 60°
■ Horiz, Spread; 60°

200W/90D

Center Beam fc	Beam Width
4ft 1024fc	8ft 8ft
8ft 255fc	15ft 16ft
12ft 105fc	24ft 26ft
16ft 58fc	32ft 33ft
20ft 39fc	39ft 45ft

■ Vert, Spread; 90°
■ Horiz, Spread; 90°

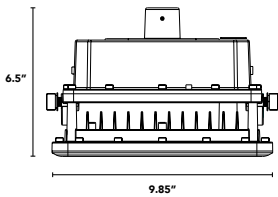
200W/120D

Center Beam fc	Beam Width
4ft 683fc	11ft 11ft
8ft 170fc	21ft 22ft
12ft 73fc	32ft 33ft
16ft 39fc	43ft 45ft
20ft 26fc	53ft 56ft

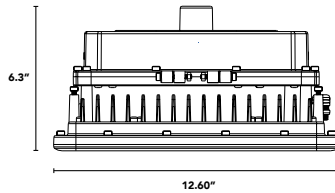
■ Vert, Spread; 120°
■ Horiz, Spread; 120°

Product Dimensions

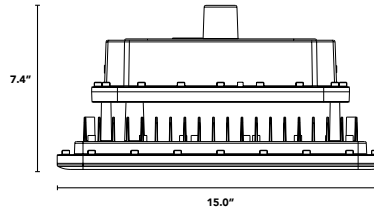
20W - 40W - 60W



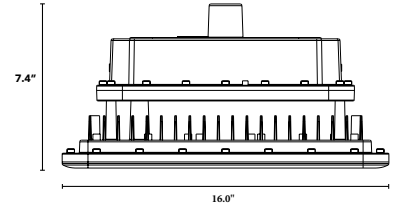
80W - 100W



150W - 200W



250W - 400W



Lumen Chart

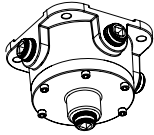
	5000K
20W	2,700 lm
40W	5,400 lm
60W	8,100 lm
80W	10,800 lm
100W	13,500 lm
150W	20,250 lm
200W	28,000 lm

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

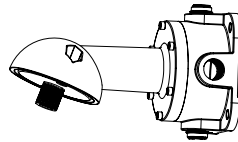
Mounting Accessories

Hazardous Location LED Luminaire

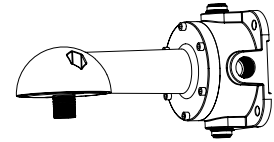
OPEB: Junction Box



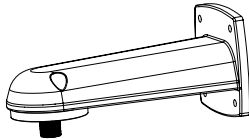
OPWA25: 25° Wall Mount & Junction Box



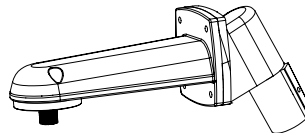
OPWA90: 90° Wall Mount & Junction Box



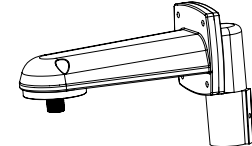
OPWA: 90° Wall Mount



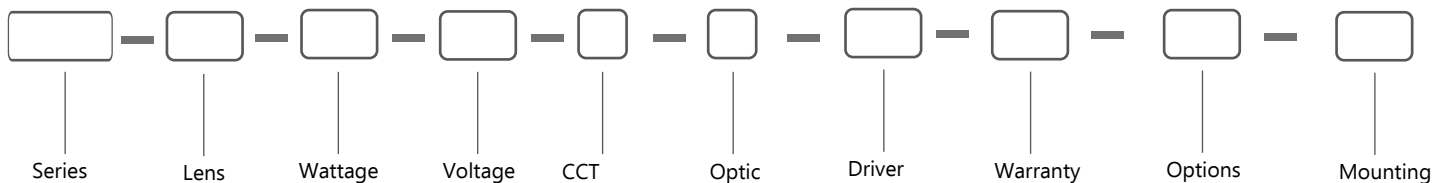
OPPS25: 25° Pole Mount



OPPS90: 90° Pole Mount



Ordering Information



SERIES	LENS	WATTAGE	VOLTAGE	COLOR TEMP	OPTIC	DRIVER
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
		EMERGENCY BATTERY BACKUP ONLY AVAILABLE FOR 150W-400W				

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

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