

Project:	
Type:	
Catalog #:	



IP66

## SPECIFICATIONS

### UL:

Suitable for wet locations

Operating temperature: -40°C to +55°C (-40°F to 131°F)

### LEDs:

Long-life, high-efficiency, surface mount LEDs

### Drivers(s):

Class 2, 50/60Hz. 100 - 277V, 4kV standard, 6kV optional surge protection

### Lifespan:

50,000+ hours LED lifespan based on IES LM-80 results & TM-21 calculations at 25°C, and ERP>6000h

### IP Rating:

IEC60598 Ingress Protection rating of IP66 for dust and water

### Housing:

Die-cast aluminum housing

### Mounting:

Ceiling Mount, Wall mounting

### Lens:

High transmittance tempered glass

### Effective Projected Area:

EPA = 0.61

### CCT:

Available in 3000K-6500K color temperature

### CRI:

CRI ≥70

### Beam angle:

The maximum luminous beam angle 90°

### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5-years period

### Color Uniformity:

FME's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ERP C78.377-2017.



### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components

### IESNA LM-79 Testing:

FME LED luminaires have been tested by an independent laboratory in accordance with IESNALM-79 and IEC60598

## PRODUCT DESCRIPTION

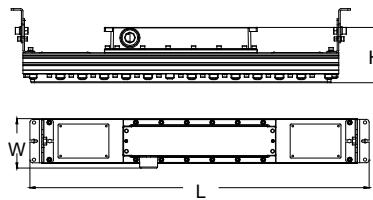
- Available from 24W ( $\geq 2,880\text{lm}$ ) - 50W ( $\geq 6,000\text{lm}$ );
- Offered with 2 mounting options: Ceiling Mount, Wall mounting;
- Wide optics for uniform illumination;
- Entry Size: 3/4"-14 NPT or M25 X1.5 or M26 X1.5;
- 50,000+ hours LED lifespan;
- Class I, Division 2, Groups A, B, C and D;
- Damp and wet locations;
- Standard :
  - US: UL 844; UL 1598;
  - Canada: CSA C22.2 No. 137; CSA C22.2 No. 250.0

### Applications:

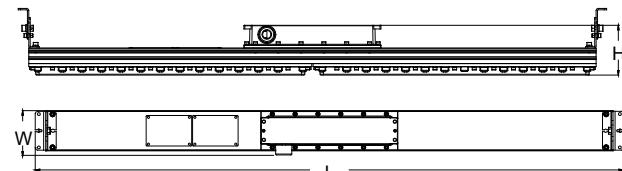
Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical facilities, food and beverage facilities, tunnels, outdoor wall and stanchion mounted general area lighting, and where flammable vapors, gases are present.

### PRODUCT DIMENSIONS

Series models	Size(L×W×H)
MET2	666×97×109 mm/26.2×3.8×4.3"
MET4	1289×97×109mm/50.7×3.8×4.3"



MET2



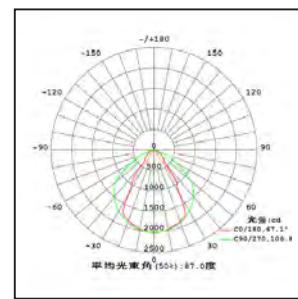
MET4



MET2



MET4



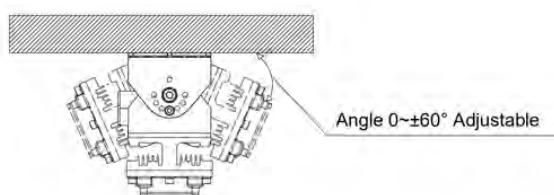
### ORDERING INFORMATION

Product Series	Wattage	Voltage	CCT	Finish	Mounting					
<b>MET2 = 2FT</b>	<b>A</b>	20W	<b>LV</b>	100-277V	<b>3K</b>	3000K	<b>G</b>	Gray	<b>C6</b>	Ceiling 60°
<b>MET4 = 4FT</b>	<b>B</b>	30W			<b>4K</b>	4000K	<b>Y</b>	Yellow	<b>C9</b>	Ceiling 90°
	<b>C</b>	36W			<b>5K</b>	5000K			<b>W6</b>	Wall 60°
	<b>D</b>	40W			<b>57K</b>	5700K			<b>W9</b>	Wall 90°
	<b>E</b>	50W			<b>65K</b>	6500K				

## Performance

Product Model	MET2-(20W~36W)	MET4-(30W~50W)
Type	LED Explosion Proof Linear	LED Explosion Proof Linear
Mounting	Ceiling Mount / Wall mounting	Ceiling Mount / Wall mounting
Power (W)	30W / 36W / 40W / 50W	24W / 30W / 36W
Voltage - Frequency	100-277Vac 50-60Hz	100-277Vac 50-60Hz
CCT	Provides 3000K to 6500K	Provides 3000K to 6500K
CRI (Ra) (typ.)	≥70	≥70
Luminous Flux (lm)	120~140lm/W	120~140lm/W
Bare Lamp efficacy (LPW)	140	140
Beam Angle	90°	90°
Power Factor	>0.95	>0.95
Rated Lifetime - L70 (hrs.)	50,000	50,000
Product Size (L×W×H)	666×97×109 mm/26.2×3.8×4.3"	1289×97×109mm/50.7×3.8×4.3"
Housing	ADC12 and 6063 Aluminum+Tempered glass	ADC12 and 6063 Aluminum+Tempered glass

Ceiling mount



Wall mounting

