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| Project: | |
| Type: | |
| Catalog #: | |



IP66 NEMA 4X



SPECIFICATIONS

UL, ATEX & IECEx:

- Suitable for wet locations
- Operating temperature: -40°C to 50°C (-40°F to 122°F)

LEDs:

- Long-life, high-efficiency, surface mount LEDs

Drivers:

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

Lifespan:

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

IP Rating:

- EC60598 Ingress protection rating of NEMA 4/4X
- IP66 for dust and water

Housing:

- Die-cast aluminum housing

Lens:

- High transmittance tempered glass

Mounting:

- U-Bracket
- Slipfitter
- Wall Mount
- Pole Mount
- Ceiling Mount

Effective Projected Area:

- EPA=0.61

Vibration Rating:

- 3G vibration tested per ANSI C136.31 and IEC60598

Dimming Driver:

- Driver includes dimming control wiring for 1-10V dimming systems
- Requires separate 1-10V DC dimming circuit
- Dims as low as 10%

CCT:

- Available in 3000K, 4000K, 6500K color temperature

CRI:

- CRI>70

Beam Angle:

- Standard distribution is NEMA high/low bay lights (Type 5)

Color Stability:

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

Color Uniformity:

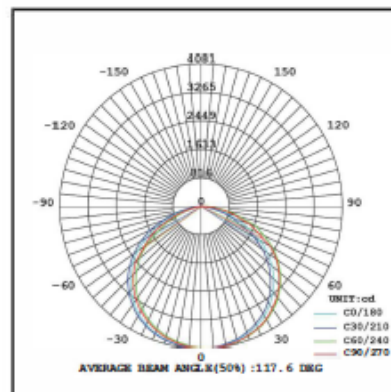
- FME's range of CCT follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

IESNA LM-79 Testing:

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

Listings & Ratings:

- UL844, UL1598, UL8750, CSA C22.2 No. 137;
- UL Marking: Class I Div 2 Groups A, B, C, and D; Class II Div 2 Groups F and G; Class III



Photometric Data (120°)

PERFORMANCE

| | | | |
|-----------------------------|--|-------------------------------------|---------------------------|
| Type | LED Explosion proof High Bay Light | | |
| Mounting | (30W~80W) Ceiling mount/Drop mount/Wall mount/Pole mount (100W~200W) Ceiling mount/Drop mount/Wall mount/Pole mount/U-Bracket mount | | |
| Power (W) | 30/40 | 60/80 | 100/120/150/185/200 |
| Voltage - Frequency | 100-277Vac 50-60Hz | | |
| Color Temp | 5000K (Provides 2700K to 6500K) | | |
| CRI (Ra) (typ.) | ≥70 | | |
| Luminous Flux (lm) | 120lm/W | | |
| Bare Lamp efficacy (LPW) | 120 | | |
| Beam Angle | 120° | | |
| Power Factor | >0.95 | | |
| Rated Lifetime - L70 (hrs.) | 50,000 | | |
| Product Size | Φ200*157(292) mm/ Φ7.9*6.2"(11.5") | Φ300*204(339)mm/ Φ11.8*8"(13.3") | Φ460*243mm/ Φ18.1*9.6" |
| Housing | ADC12 Aluminum+Tempered glass | | |

ORDERING INFORMATION

| Product Series | Wattage | Voltage | CCT | Finish | Mounting | |
|--|----------|---------|--------------------|------------------|-----------------|-------------------------|
| EQU = Hazardous Location High/Low Bay | A | 30W | LV 100-277V | 3K 3000K | G Gray | CM Ceiling Mount |
| | B | 40W | | 4K 4000K | Y Yellow | DM Drop Mount |
| | C | 60W | | 65K 6500K | | WM Wall Mount |
| | D | 80W | | | | PM Pole Mount |
| | E | 100W | | | | UB U-Bracket |
| | F | 120W | | | | |
| | G | 150W | | | | |
| | H | 185W | | | | |
| | I | 200W | | | | |