

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:

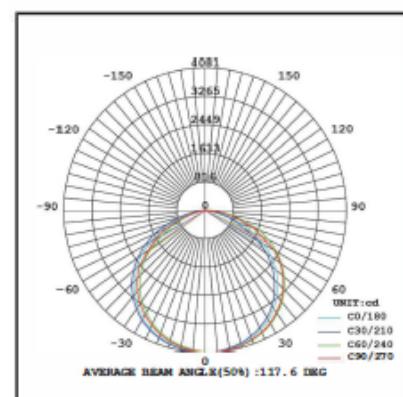
- FME's range of CCT follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

IESNA LM-79 Testing:

- FME LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-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				