

Project:	
Type:	
Catalog #:	

SPECIFICATIONS

UL:

- Suitable for wet locations
- Operating temperature: -40°C to 40°C (-40°F to 104°F)

LEDs:

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

Drivers:

- 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 5X5
- IP6 5 for dust and water

Housing:

- Die-cast aluminum housing

Lens:

- Polycarbonate diffuser

Mounting:

- Ceiling Mount

Effective Projected Area:

- EP A= 0.72

Vibration Rating:

No, but it can be done later

PERFORMANCE

Type	LED Explosion proof Light
Mounting	Ceiling Mount
Power (W)	320
Voltage - Frequency	100-277Vac 50-60Hz
Color Temp	5000K (Provides 3000K to 5000K)
CRI (Ra) (typ.)	≥70
Luminous Flux (lm)	148.44
Bare Lamp efficacy (LPW)	148.44lm/W
Beam Angle	NEMA 5x5
Power Factor	≥0.90
Rated Lifetime - L70 (hrs.)	50,000
Product Size	φ460.9*408mm/ 16"18 1/4"
Housing	ADC12 Aluminum

ORDERING INFORMATION

Product Series	Wattage	Voltage	CCT	Finish	Mounting
FLYXP	3200W	100-277V	3000K 4000K 5000K	Silver Gray Black White	Ceiling Mount



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 :

- A available in 3000K, 4000K, 5000 K color temperature

CRI:

- CRI>70

Beam Angle:

- Standard distribution is NEMA 5x5

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