

Project:	
Type:	
Catalog #:	

STANDARD



The FME Flyer Series LED luminaires utilize high brightness LEDs and precision optics to provide superior uniformity of the light beam while using up to 60% less energy and operating for up to 120,000 hours (L70). Designed to replace 1000W PSMH fixtures in Architectural Flood / Spot light and Sports Field lighting applications. Available in three beam angles (30-60-120 degree). The Flyer Series is great for sports fields, stadiums, as well as car dealerships, docks, playgrounds, airports, and ski resorts.

FEATURES

- High efficiency up to 160 Lpw
- Energy savings up to 60% over traditional HID sources
- 120,000 hour operating life (L70)
- 10Kv field replaceable surge protector
- DLC Listed, ETL Listed, Wet Location, IP65

HOUSING/OPTICS

FME Flyer Series LED luminaire, 17" dia. x 20" x 19"H, 75,000 lumens @ 450W, 96,000 @ 600W 160 LPW, 5000K 70 CRI (Standard) 80 CRI available upon request. Thermally efficient, cold forged aluminum housing in black finish with power supplies mounted away from LED heat source for superior cooling. UV rated powder coating. Stainless Steel support hardware. Wraparound polycarbonate lenses with internal reflectors provide uniform light distribution for 221 single die LED chip packages. 120,000 hour operating life (L70). Available in 30, 60 and 120 degree beam angle. Water tight wiring junction boxes for Input and Output connections. Glare shield is standard. Fixture can be operated with or without glare shield.

LEDs

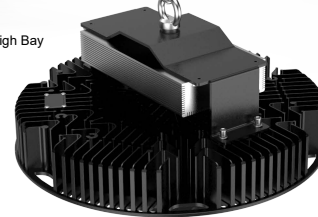
FME Flyers Series LED luminaires utilize 221 high power LEDs on conformal coated PCB boards.

ELECTRICAL

(2) Power supplies are available: 120-277V (A) and 277V-480V (B) Meanwell constant current drivers. Power factor is >0.9. Power supplies are mounted away from aluminum housing for cooler operation. Includes 10kV inline surge protection.



High Bay



TEMPERATURE

Suitable for use in operation temperatures from -30°C to $+50^{\circ}\text{C}$ (-22°F to $+122^{\circ}\text{F}$)

ACCESS / WIRING

Power supply Input and Output leads are connected inside easily accessible water tight splice boxes.

MOUNTING

Supports are designed to mount directly on Cross Arm Mount. Accessories sold separately.

LISTING

ETL listed wet location, IP65 Rating. DLC

WARRANTY

5 year limited warranty, for information please contact factory.

POWER CODITIONS

Clean power is required to ensure proper function and performance prior to installation. FME recommends installing a waveform correction technology device prior to installation.

Model	Luminaire Watts	Application	Color Temperature	Voltage	Beam Angle	Options & Accessories	Controls
FLY	45 = 450W 60 = 600W	HB = Highbay FL = Flood Light	S = 3000K I = 4000K C = 5000K	A = 120-277V B = 347-480V	120D = 120° Glass Lens 60D = 60° PC Lens 30D = 30° PC Lens	V = Visor RD = Remote Driver RFL = 90° aluminum reflector FB = Forward throw bracket	MS = Motion Sensor DS = Daylight Sensor PS = PIR Sensor *Consult factory for more control options