

Project:	
Type:	
Catalog #:	

## STANDARD



The FME DUS 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 1500W PSMH fixtures in Architectural Flood / Spot light and Sports Field lighting applications. Available in three beam angles (30°/90°/120°). The SDU Series is great for sports lighting, stadium lighting, sports fields, car parks, high mast installations, dock, railway and container yards, ports and other large scale outdoor applications

## 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 DUS Series LED luminaire provides 39,000 lumens @ 300W and 65,000 lumens @ 500W. 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 LED chip packages. 50,000 hour operating life (L70). Available in 30° / 90° / 120° degree beam angle. Water tight wiring junction boxes for Input and Output connections. Glare shield is optional. Fixture can be operated with or without glare shield.

## LEDs

FME DUS Series LED luminaires utilize high power Lumiled 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.

Shown with Optional Anti-Glare Visor



Position Aiming Laser



## TEMPERATURE

Suitable for use in operation temperatures from --40° C to +50° C (-40°F to +122°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. Slip fitter and rotatable bracket are optional

## LISTING

UL listed wet location, IP65 Rating. DLC

## WARRANTY

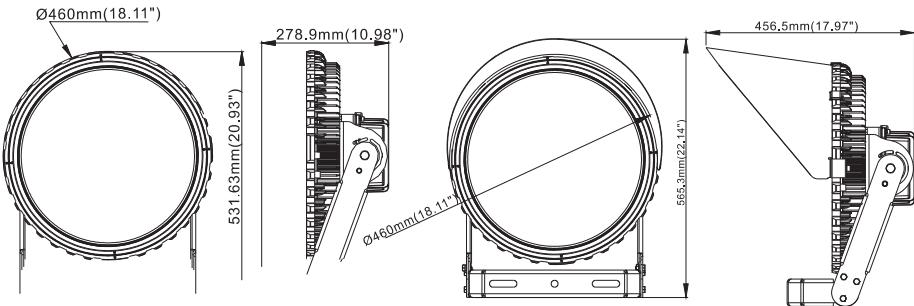
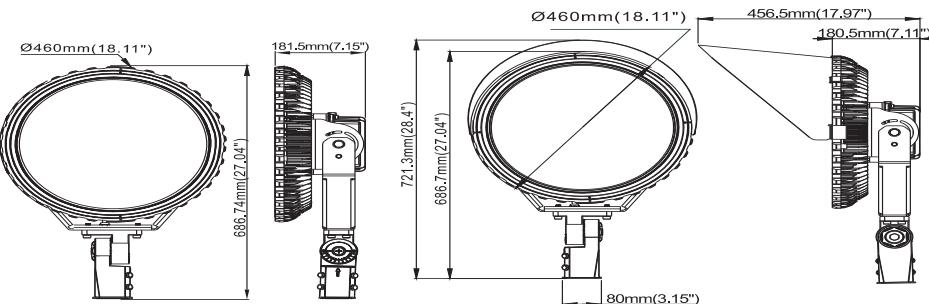
5 year limited warranty, for information please contact factory.

## POWER CONDITIONS

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	Color Temperature	Voltage	Beam Angle	Dimmable	Options & Accessories
DUS	30 = 300W 40 = 400W 45 = 450W 50 = 500W	S = 3000K I = 4000K C = 5000K	A = 120-277V B = 347-480V	30D = 30° PC Lens 90D = 90° PC Lens 120D = 120° PC Lens	1 = Dimmable 2 = Non Dimmable	FB = Forward Throw Bracket (STD) SF = Slip Fitter VS = Visor AM = Position Aiming Laser

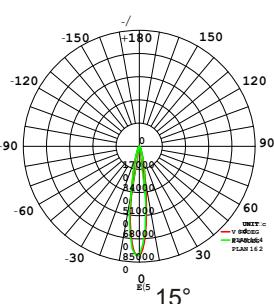
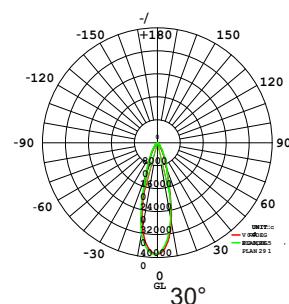
## DIMENSIONS

**Forward Throw Bracket**  
**(300W/400W/450W/500W)**

**Slip Fitter Bracket**  
**(300W/400W/450W/500W)**


## MOUNTING OPTIONS

Forward Throw Bracket (STD)Slip Fitter Bracket

## PHOTOMETRIC DATA



Model	Power	Lumens	LEDs	CRI	Weight	Beam Angle
DUS30	300W	39,000	Lumileds 3030	> 80	19kg	30°/90°/120°
DUS40	400W	52,000	Lumileds 3030	> 80	19kg	30°/90°/120°
DUS45	450W	58,500	Lumileds 3030	> 80	19kg	30°/90°/120°
DUS50	500W	65,000	Lumileds 3030	> 80	19kg	30°/90°/120°