



Specifications - FL28 LED High Mast / Sports Light

Version: 2.4



Electrical Information				
Model No.	EGE-HM600-FL28	EGE-HM800-FL28	EGE-HM1000-FL28	EGE-HM1200-FL28
Power Consumption(±5%)	600W	800W	1000W	1200W
Power Supply	SOSEN			
Input Voltage	100-240VAC / 277-480 VAC, 50 / 60 Hz			
Power Factor	0.95			
Surge Protection	20KV			
Driver Type	Constant Current (CC)			
Control	dimmable、DALI、DMX			
	Zigbee Wireless Control			

Optic Information				
LED Type 1	LED 3737			
Luminous Flux (±10%)	84000lm	112000lm	140000lm	168000lm
Efficacy(5000K Ra70)	140lm/W			
Beam Angle	F19801, F19803, F19805			
LED Type 2	LED 5050			
Luminous Flux (±10%)	96000lm	128000lm	160000lm	192000lm
Efficacy(5000K Ra70)	160lm/W			
Beam Angle	F19802, F19804, F19805, F19806			
Correlated Color Temperature	5000K (4000K,5700K optional)			
Color Rendering Index	Ra70 (Ra80 , Ra90 optional)			
UGR level	NA			



Description

FL28 LED sports light is designed for high mounting application, such as large soccer field, large plazas. 600W/800W/1000W/1200W with small beam angle could positioning certain area, to minimise glare and control the uniformity. Module could be adjusted vertically and horizontally to get the best light uniformity.

Key Features

- Modular design, 600W/800W/1000W/1200W.
- This convenient and humanized design enable it fit for different requests in outdoor lighting applications.
- Multiple optics option F19801, F19802, F19803, F19804, F19805, F19806, F19808 to offer excellent light pollution control.
- Excellent anti-corrosion performance.
- Efficiency up to 140lm/W, 160lm/W, more energy saving.
- Provided with 20KV Build-in Surge Protection Devices.

Applications

- Outdoor sports fields
- Square
- Stadium
- Exhibition Center
- Soccer field

Dimensions and Mount

Product Dimension	731×597×356mm (28.78" x 23.5" x 14.02")		825×597×356mm (32.48" x 23.5" x 14.02")
Luminaire Net Weight	26±0.3kg (57.2±0.66Lbs)	29.8±0.3kg (65.6±0.66Lbs)	33.2±0.3kg (73±0.66Lbs)
Export Carton Size	850x700x440mm		
Gross Weight	32.9±0.3kg (72.4±0.66Lbs)	36.7±0.3kg (80.7±0.66Lbs)	40.1±0.3kg (88.2±0.66Lbs)
Mounting Option	Bracket Mounting NA		
Material	Aluminum Alloy Glass and Polycarbonate Optical Lens		
Finish	Powder Coating		
Fixture Color	Black body		
EPA	0.33M ²		0.39M ²
IK Rating	IK08		
IP Rating	IP66		

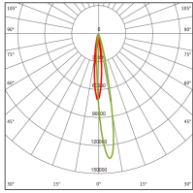
Lifespan and Warranty

Operating Temperature	-30°C to + 40°C(-22°F to 104°F)
Life Time of LED @Ta=25°C	53000hrs-L90
	111000hrs-L80
	178000hrs-L70
Warranty	5 Years

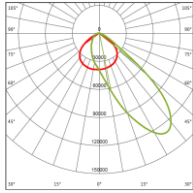
New Features

* Please consult us for details.

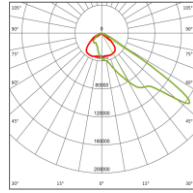
Photometry



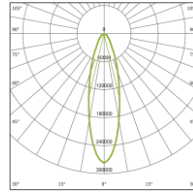
F19801



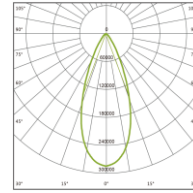
F19802



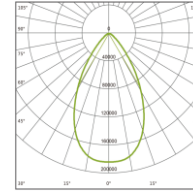
F19803



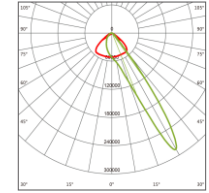
F19804



F19805



F19806



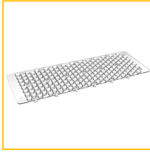
F19808

Mounting Options

Accessories



Bracket mounting



Optic lens

High transmittance PC materials, UV test approval.

Code: please refer to Photometry for different beam angle.



Precision Aiming Device
Accurate adjustment of luminaire projected position.

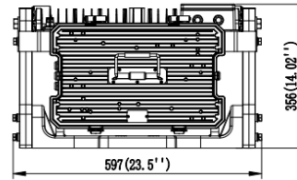
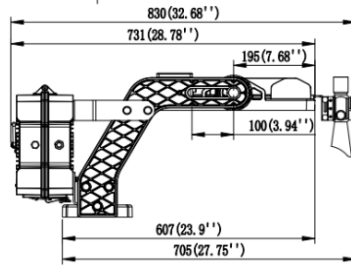
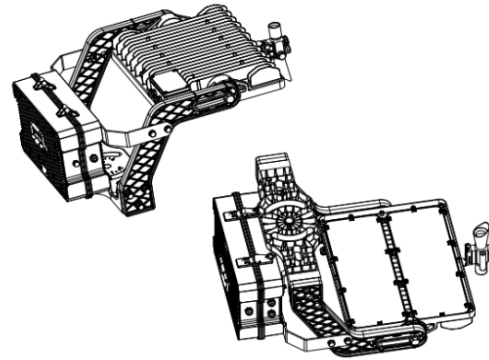
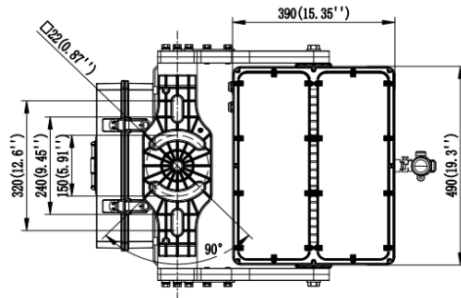


Safety rope

Auxiliary safety device to prevent accidents.

Dimensions

600/800W



1000/1200W

