



Electrical Information			
Model No.	EGE-HM200-FL31	EGE-HM400-FL31	EGE-HM600-FL31
Power Consumption(±5%)	200W	400W	600W
Power Supply	SOSEN		
Input Voltage	100-277 VAC, 50 / 60 Hz		
Power Factor	≥0.92		
Surge Protection	6KV line-line, 10KV line-earth	20kV	
Driver Type	Constant Current (CC)		
Control	1-10v dimmable, DALI, DMX control		

Optic Information			
LED Type 1	LED 5050		
Luminous Flux (±10%)	28000lm	56000lm	84000lm
Efficacy(5000K Ra70)	140LM/W		
Beam Angle	F06003, F06005, F06006, F07001		
LED Type 2	LED 3737		
Luminous Flux (±10%)	25000lm	50000lm	75000lm
Efficacy(5000K Ra70)	125LM/W		
Beam Angle	F06001, F06002, F06004		
Correlated Color Temperature	5000K (4000K optional)		
Color Rendering Index	Ra70 (Ra80 optional)		
UGR level	NA		

Description

FL31 aims to provide lighting solutions for small and middle-size sports courts also workable as general area lighting, this is a high versatility floodlight with the easiest installation, operation, and maintenance.

Meaningfully, Epoch can create a fully bright and comfortable atmosphere to let people have a feeling of safety or enjoy entertainment, so it delivers not only light but also brings people lots of fun, happiness, and hope.

Key Features

- Modular design from 200W to 600W.
- Vertically angle adjustment, easy way to adjust the light angle and create diversity of lighting environment.
- This convenient and humanized design enable it fit for different requests in outdoor lighting applications.
- Multiple optics option to offer excellent light pollution control.
- Lmap body ADC12 with powder coating offer strong anti-corrosion ability.
- Efficiency up to 140lm/W, more energy saving.
- Provided with 20KV Build-in Surge Protection Devices.(400W,600W)

Applications

- Parking lots
- Outdoor sports
- Square
- Stadium
- For recreational sports (tennis courts, basketball courts...)
- Exhibition Center
- Soccer field

Dimensions and Mount

Product Dimension	316×236×145mm	619×408×365mm	619×408×365mm
Luminaire Net Weight	4.3±0.3kg	14.8±0.3kg	18.0±0.3kg
Export Carton Size	375×200×275mm	645×480×320mm	
Gross Weight	4.8±0.3kg	16.7±0.3kg	20.0±0.3kg
Mounting Option	Bracket Mounting		
Material	Aluminum Alloy		
	Tempered Glass and Polycarbonate Optical Lens		
Finish	Powder Coating		
Fixture Color	Black		
EPA	0.8ft²	2.72ft²	
IK Rating	IK08		
IP Rating	IP66		

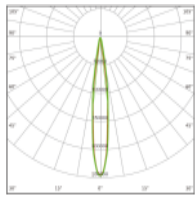
Lifespan and Warranty

Operating Temperature	-30°C to + 40°C		
Life Time of LED 5050 @Ta=25°C	54000hrs-L90		
	114000hrs-L80		
	182000hrs-L70		
Warranty	5 Years		

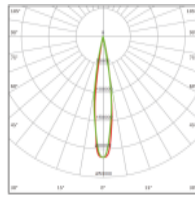
New Features

* Please consult us for details.

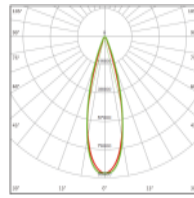
Photometry



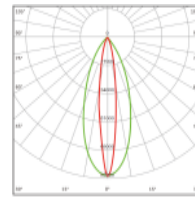
F06001



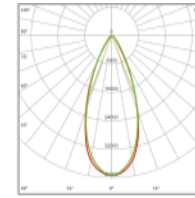
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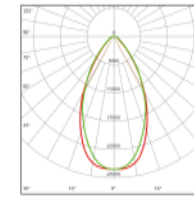
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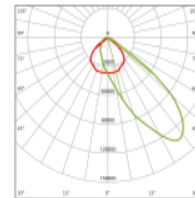
F06004



F06005



F06006



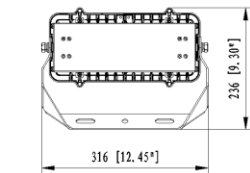
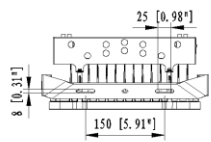
F07001

Mounting Options

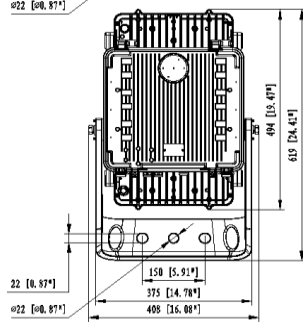
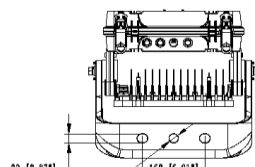


Bracket mounting

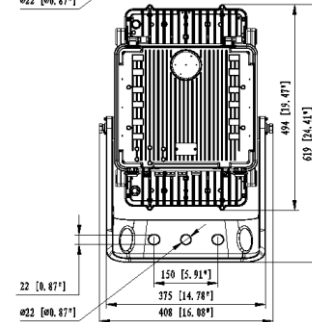
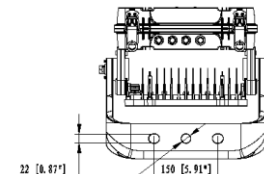
Dimensions



200W



400W



600W

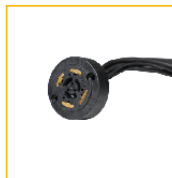
Accessories



Photocell control

ON-OFF automatically according to day light.

Code: PS-A00-01



NEMA socket

3pin/ 5pin /7pin are optional.

Code: NS-A00-02(for 3pin)
Code: NS-A00-03(for 5pin)
Code: NS-A00-04(for 7pin)



Shorting cap

Cover NEMA socket when it is not used.

Code: NS-A00-01



Visor

SPCC materials for LED module.

Code: BC-F31-01



Aiming device

Exact aiming to help easy install upon lighting simulation.

Code: AD-A00-01



Safety rope

Auxiliary safety device to prevent accidents.



Baffle

Optional accessory for 400W

Code: BC-F31-02