



## FL38 series LED flood light

400~1000W

- Special integrated structure, avant-garde design and stable and reliable quality;
- Precision aluminum die-casting process, stable structure, good heat dissipation effect of the lamp body;
- Exquisite structure waterproof design, protection level up to IP66;
- The surface of the lamp body is specially sprayed with plastic treatment, which has strong resistance to salt spray and corrosion, and is suitable for harsh and complex environments;
- Using high-efficiency SMD3030 lamp beads, and high-quality constant current drive, reliable performance and long life;
- This series has 4 different sizes, power from 400W-1000W, wide coverage, cost-effective, and can widely replace other high-power lamps;
- Using PC lens with high light transmittance, there are various light distribution angles such as 30°/60°/90°/TYPE II/TYPER III, etc., suitable for different application scenarios.



FL38-400W



FL38-500W



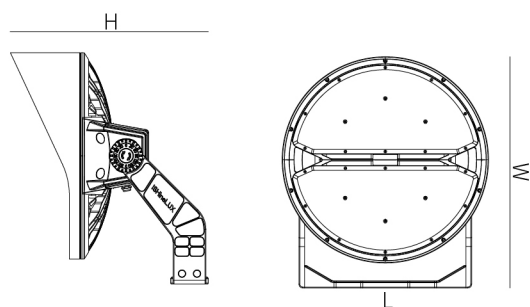
FL38-800W



FL38-1000W

Product Number	FL38-400W	FL38-500W	FL38-800W	FL38-1000W
Rated Power	400W	500W	800W	1000W
Input Voltage	100~277V			
LED Brand	LUMILEDS, OSRAM, CREE or SOUL			
Chip Type	SMD3030 or SMD3737			
Led Light Luminous	>140LM/W@SMD3030, >160LM/W@SMD3737			
Driver brand	PHILIPS, MW, INV or SOSEN			
Beam Angle	TYPE II, TYPE III or TYPE V, optional			
Control method	Regulor, 0-10V/PMW/DALI dimming, optional			
Beam angle	25°/45° /60°/90°@SMD3030, 10°@SMD3737			
Color rendering index	>70(default) or >80			
Frequency Range	50/60Hz			
Color Temp	3000~6500K			
Lamp body material	AL Body and Steel bracket(black paint), PC lens			
Protection Class	CLASS I			
Working Temperature	-40~55°C			
Life/Warranty	>50,000hrs			
Surge protection	10KV(default) or 20KV, optional			
Protection level	IP66 / IK09			
Net weight	16.0KG	16.0KG	32.0KG	32.0KG
Lamp size(mm)	493x439x42mm	493x439x42mm	651x586x511mm	651x586x511mm
Authentication	ENEC, ENEC+, CE, CB, ROHS			

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## Product Size

产品型号	L	W	H
FL38-400W	493	439	42
FL38-500W	493	439	42
FL38-800W	651	586	511
FL38-1000W	651	586	511

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## Installation method

The lamp adopts two installation methods: bracket and hoisting, and supports angle adjustment. It can be adjusted according to different lighting environments to meet different lighting needs.



Bracket installation



Hoisting

## Product Display



### Brand light source chip

Adopting national brand light source chips, the light output and luminous efficiency have reached international standards, achieving uniform distribution of light and significantly improving lighting effects.



### Heat dissipation performance

Optimize the air duct, realize three-dimensional efficient heat dissipation, reduce light attenuation, and extend the life of the light source



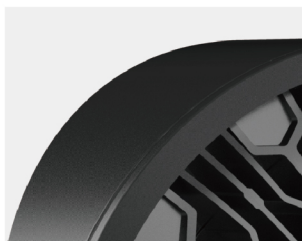
### Power drive

Constant current output control mode, dimmable shutdown, lightning protection, overvoltage protection, short circuit protection and over temperature protection to ensure high product reliability



## Product Display

FL38 series is a simple ,fashionable and compact flood light , widely used in outdoor any lighting places



### Electrostatic spraying process

Compact,high standard ADC12 Aluminum,integrated die-casting technology;500 hours anti-salt spray corrosion spraying treatment.



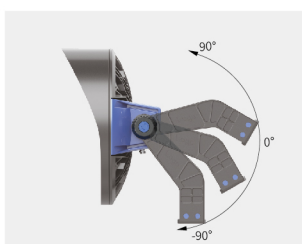
### Tick mark

The precise scale design can be adjusted and locked within the range, and the angle is accurately fixed to ensure the accuracy of installation.



### Tablet fixed design

Using 304 stainless steel material pressing design, better fixed glass, reflector structure, firm and not easy to loose.



### Multi-angle adjustable bracket

The angle can be adjusted according to customer needs to adapt to different installation environments.



### Brand light source chip

Adopting national brand light source chips, the light output and luminous efficiency have reached international standards, achieving uniform distribution of light and significantly improving lighting effects.



### Stainless steel exit coil

Stainless steel coil, good sealing, ensure the lamp waterproof grade

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## Performance Testing



### IK Degree: IK09

All-round sealing, anti-drop, anti-collision, Adopt ADC12 material, sturdy and more durable.



### IP Degree: IP66

Professional all-round waterproof technology, Rainproof, anti-corrosion, high temperature resistance and more durable.

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### OPTICS



Broad light



Medium



Narrow light



100V-276V



IP66



IK09



50000 HOURS



-40°C-55°C

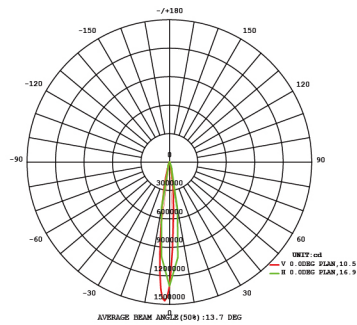


10%-90%

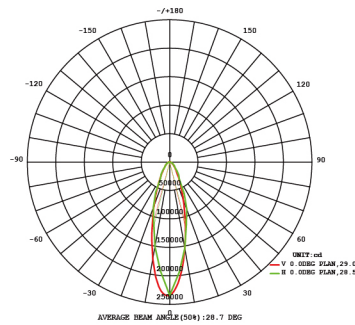


## Light Distribution Display

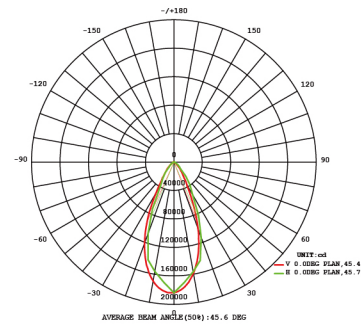
### LED light distribution curve



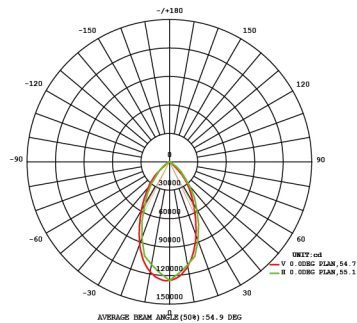
10° Light distribution



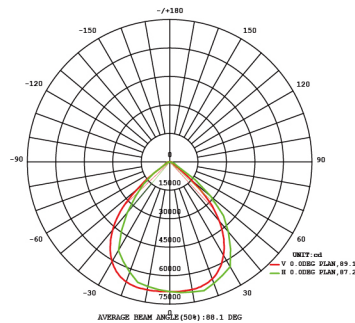
25° Light distribution



45° Light distribution



60° Light distribution



90° Light distribution

## Wide range of applications

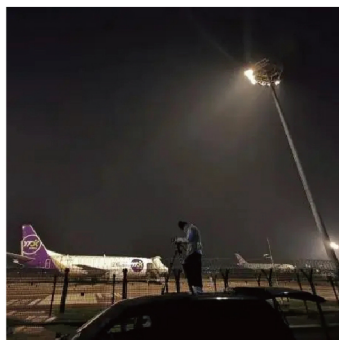
### A variety of lenses for a wide range of uses

Equipped with multiple angle lenses, it can be used for plazas, ports, airports, and other purposes to meet different lighting needs.

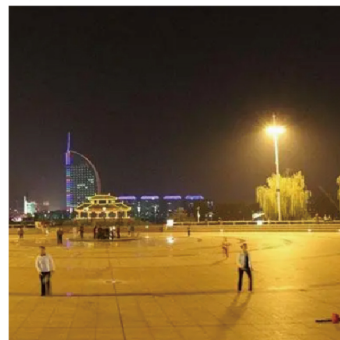
A: Port

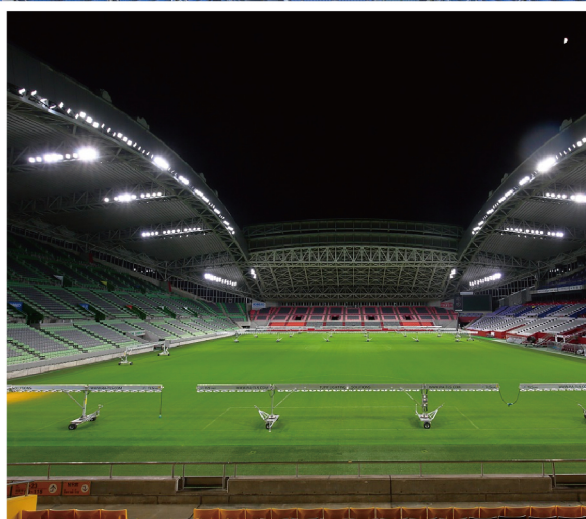
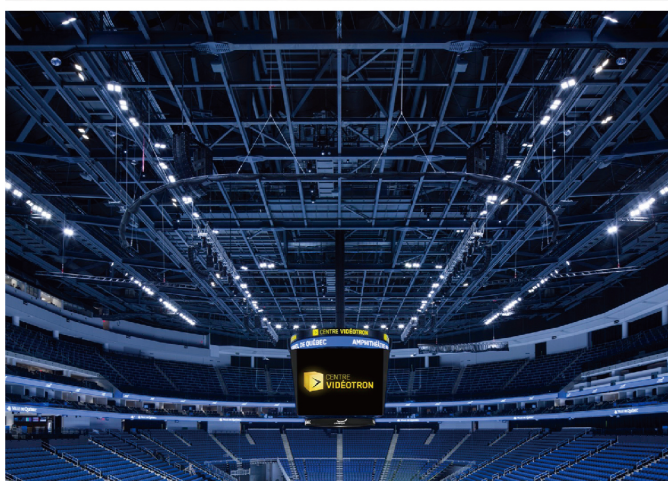


B: Airport



C: Square





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## Applications:

Widely used in factories, mines, squares, transportation hubs, stadiums, golf courses and docks, etc.

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