



# LED FLOOD LIGHT

400W/500W/630W/800W/1000W/1260W/1600W/2000W

**IP66**

**IK10**

**5YEARS**



# FLOOD LIGHT

A new generation of floodlights, light weight, small size, small wind resistance, high brightness, wide illumination range and adjustable beam angle.

The power supply can be built-in/external. It is easy to install and has a handle. The waterproof performance of the lamp is IP66, suitable for outdoor large venues such as stadiums, docks and airports;

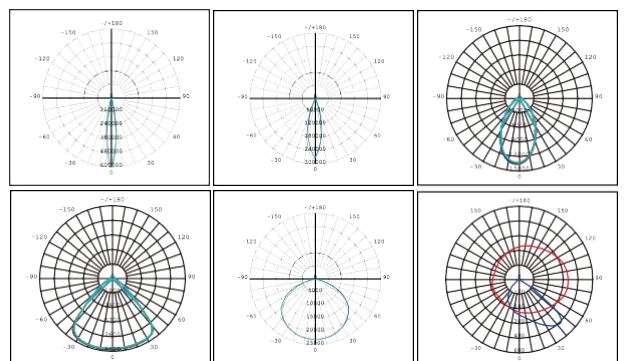
The light is designed by our own R&D teams. Various tests like smoke test, water test, and packaging vibration test have been done to ensure its excellent waterproof performance, high packing standard, and safety during transportation.

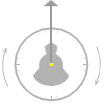
## PRODUCT ADVANTAGES

- Small size and small wind resistance;
- Products are equipped with hoists for easy installation;
- Easy external wiring;
- Intelligent dimming;
- The power supply can be built in/outside;
- Low transportation costs;

## PHOTOMETRIC DIAGRAMS

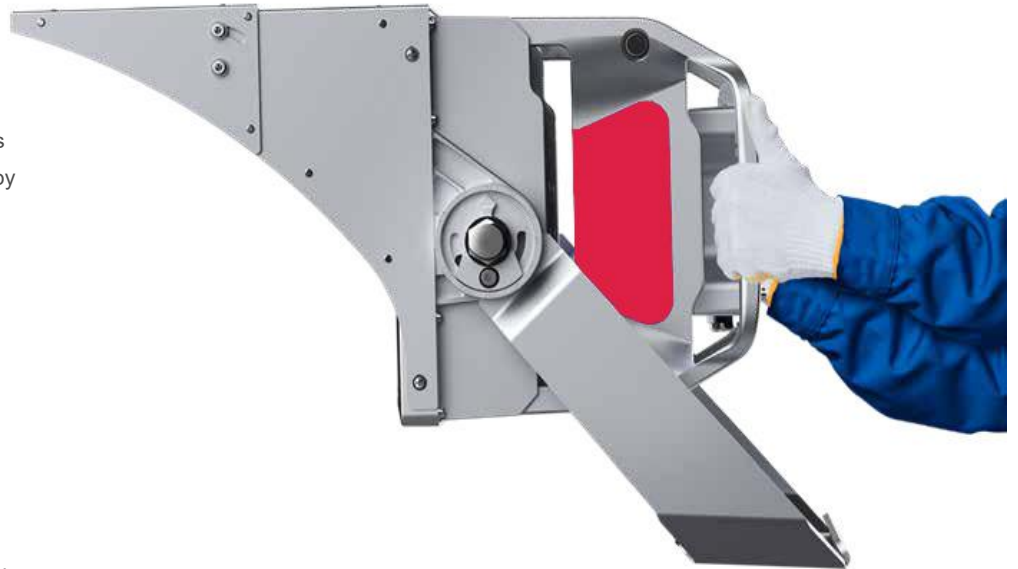
Optional(15°/30°/60°/90°/120°)





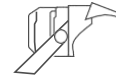
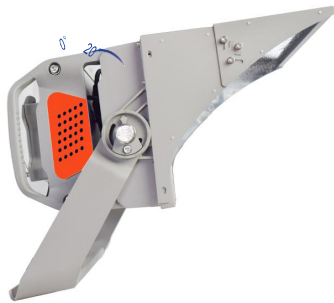
## GRAVITY ROTATION

By gravity, the object rotates and drives the scale disk. The direction indicated by the pointer is unchanged. The rotation angle is the corresponding degree pointed by the pointer to the scale disk.



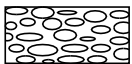
## HANDLE

The back of the product is equipped with a non-slip handle for easy installation.



## HOOD CUT

For better control of the lighting area, it has a hood cut-off function, which can be rotated from 0° to 35°.



## SHADE CAP

The shade cap with orange surface can block out the light, diffuse reflection, and illuminate uniformly.



## Easy external wiring

Simple wiring, convenient operation, saving installation time.



## LASER AIMING DEVICES

The Laser Aiming Device gives you precision control in angling and aiming each sport light to its exact optimal position.

## OPTICAL CONTROLLER

The photo controller is applicable to control the lighting automatically in accordance with the ambient natural lighting level.



## POWER SUPPLY BUILT-IN/EXTERNAL

BUILT-IN POWER SUPPLY

EXTERNAL POWER SUPPLY



# LED FLOOD LIGHT

## HO-03-FLST400W/500W/630W

Built-in power supply

### Specifications

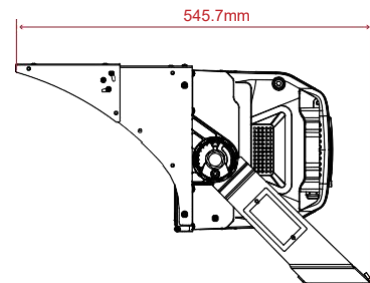
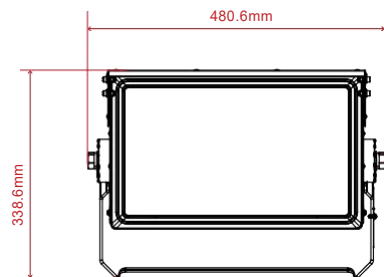
#### Optical Data

Wattage	400W/500W/630W
LED Type	Samsung
Efficiency	140Lm/W
Luminous Flux	56,000/70,000/88,200Lm
CCT	3000K/4000K/5000K/5700K/6500K
Beam Angle	15°/30°/60°/90°/120°
CRI	>70Ra/80Ra
System Efficiency	>90%



#### Electrical Data

PowerSupply	Meanwell
Input Voltage	AC100-277V/AC200-480V
Power Frequency	50/60Hz
Output Voltage	DC48V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<15%



#### Others

IP	IP66
Lifetime(L70 Standard)	54,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Carton Dimensions	L535mm*W490mm*H370mm
Gross Weight	22.5kg
Fixture Dimension	L480.6xW545.7XH338.6mm



# LED FLOOD LIGHT

## HO-03-FLST800W/1000W1260W

Built-in power supply

### Specifications

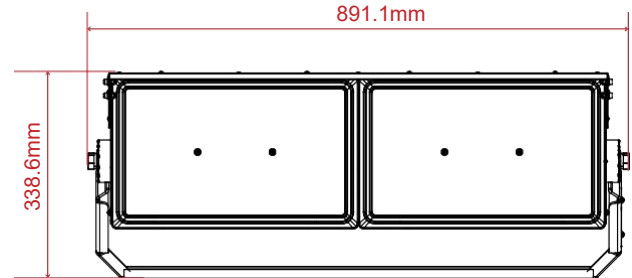
#### Optical Data

Wattage	800W/1000W/1260W
LED Type	Samsung
Efficiency	140Lm/W
Luminous Flux	112,000/140,000/168,000Lm
CCT	3000K/4000K/5000K/5700K/6500K
Beam Angle	15°/30°/60°/90°/120°
CRI	>70Ra/80Ra
System Efficiency	>90%



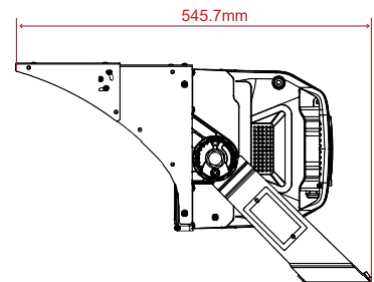
#### Electrical Data

PowerSupply	Meanwell
Input Voltage	AC100-277V/AC200-480V
Power Frequency	50/60Hz
Output Voltage	DC48V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<15%



#### Others

IP	IP66
Lifetime(L70 Standard)	54,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Carton Dimensions	L960mm*W490mm*H370mm
Gross Weight	40.0kg
Fixture Dimension	L891.1xW545.7XH338.6mm



# LED FLOOD LIGHT

## HD-03-FLST1600W/2000W/2400W

External power supply

### Specifications

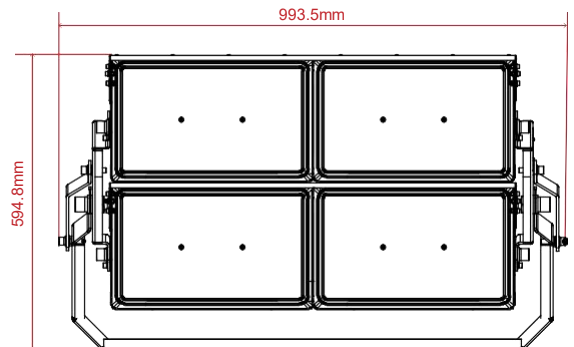
#### Optical Data

Wattage	1600W/2000W/2400W
LED Type	Samsung
Efficiency	140Lm/W
Luminous Flux	224,000/280,000/336,000Lm
CCT	3000K/4000K/5000K/5700K/6500K
Beam Angle	15°/30°/60°/90°/120°
CRI	>70Ra/80Ra
System Efficiency	>90%



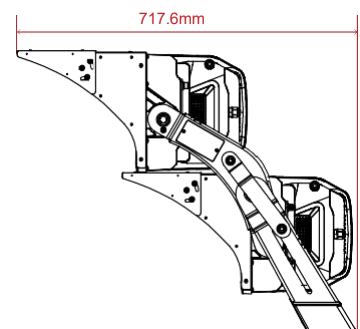
#### Electrical Data

PowerSupply	Meanwell
Input Voltage	AC100-277V/AC200-480V
Power Frequency	50/60Hz
Output Voltage	DC48V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<15%



#### Others

IP	IP66
Lifetime(L70 Standard)	54,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Carton Dimensions	L1135mm*W915mm*H340mm
Gross Weight	62kg
Fixture Dimension	L993.5xW717.6XH594.8mm



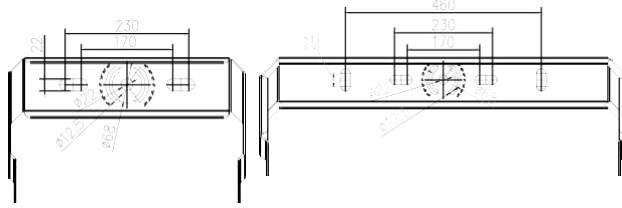
# Installation (Optional)

## Installation 1

BUILT-IN POWER SUPPLY

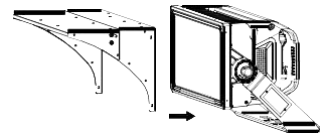


Hole dimension for mounting

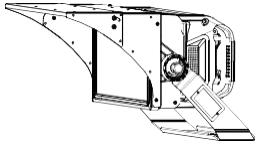


400W-630W bracket

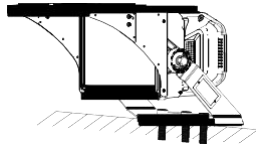
800W-1260W bracket



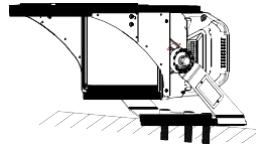
1. Take the Visor from the box, align the mounting holes with the luminaire cover holes.



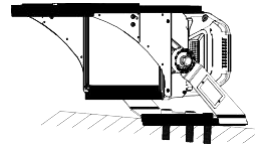
2. Take the Screw M4\*12, make visor firmly locked on luminaire cover.



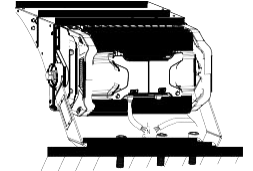
3. According to the size chart provided on the bracket, the corresponding hole position is opened. After fix the bracket with M20 screws.



4. Loosen M16 hexagon head screw with wrench, adjust luminaire to suitable angle (-90°~90°), tighten screws and fix the luminaire.



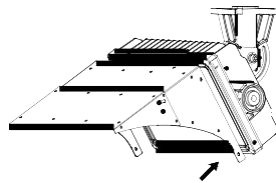
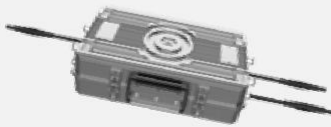
5. Visor can be adjusted to suitable angle (0°~35°) as per requirement.



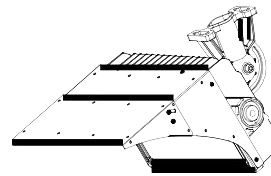
6. Wiring, distinguishing between positive and negative poles and grounding wire.

## Installation 2

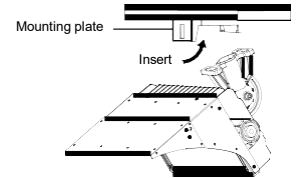
EXTERNAL POWER SUPPLY



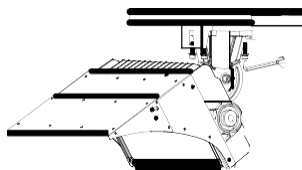
1. Take the Visor from the box, align the mounting holes with the luminaire cover holes.



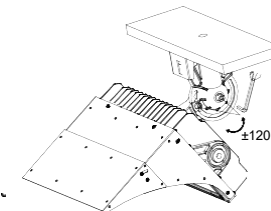
2. Take the Screw M4\*12, make visor firmly locked on luminaire cover.



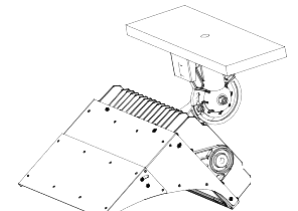
3. Fix the mounting plate on the flat surface first, and then let the base of the luminaire accurately match the hole position of the mounting plate.



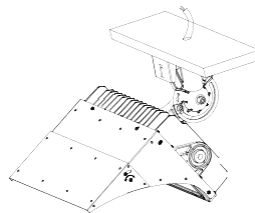
4. Tighten 4pcs M8 screws with allen wrench and fix the luminaire.



5. Loosen M10 and M8 screws, adjust luminaire to suitable angle, tighten screws and fix the luminaire.



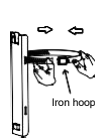
6. Loosen M4 screws, adjust visor to suitable angle (0-40°), tighten screws and fix the visor.



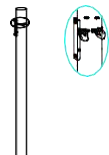
7. Fix the external driver box on lamp pole or the mounting surface, connect cables, distinguishing the L/N/E Lines.



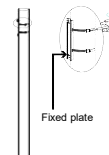
External power installation



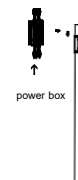
1. Put the hoop through the power fixing plate.



2. Put through the power of the fixed plate hoop surrounded by a light pole.



3. Tighten the clamping screw and fasten it to the lamp pole.



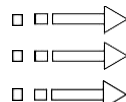
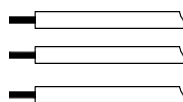
4. Fix the power box on the fixed plate by hanging the power box on the lamp pole.



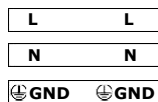
5. Installation complete.

## Wiring Diagram

brown/black --L--  
blue/white --N--  
yellow/green



label



Matters needing attention: Luminaire may be heavy. lift carefully with two people to avoid injury.





Floodlights meet the high power requirements of large venues, with simple installation, high brightness and uniform illumination.



With die-cast aluminum heat sink, heat dissipation is fast.



Low light decay.



Samsung lamp beads, high brightness.



Long service life, 50,000 hours



## Packing including

1. 1pcs LED Flood Light
2. 1pcs product user manual

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