



**AMTEK**



# LED FLOOD LIGHT

400W/500W/630W/800W/1000W/1200W/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;

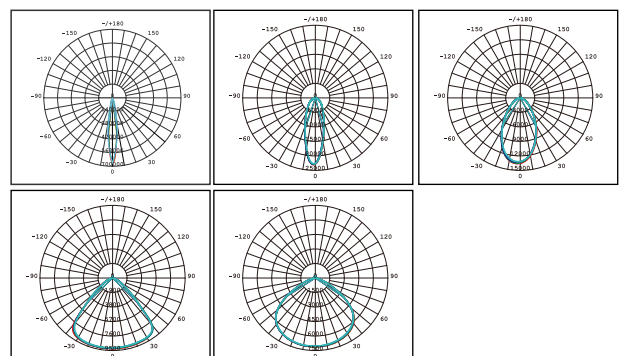
Lamp is the company's own research and development design, from production to shipping, quality control. The lamp has smoke test, water proof test, packaging vibration test, ensuring that the outdoor use of lamps is good waterproof performance, packaging is strict, and the transportation process is the least damaged.

## 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;

## DIMMING MODE

Optional(15°/30°/60°/90°/120°)

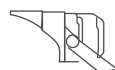






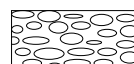
## GRAVITY ROTATION

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.



## SHADING CAP

The shade cap has an orange surface, truncated light, diffuse reflection, high reflectivity, and uniform illumination of the illuminated surface;



### 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 adjustment of lights can avoid the occasional lightning flashes and flashlights, car lights and other uncontrollable factors, resulting in abnormal extinguishing of street lights, so as to better protect LED lights and extend the service life of street lights.



### POWER SUPPLY BUILT- IN / EXTERNAL

BUILT-IN POWER SUPPLY

EXTERNAL POWER SUPPLY



# LED FLOOD LIGHT

## AMI-HM03-400W/500W/630W

### Specifications

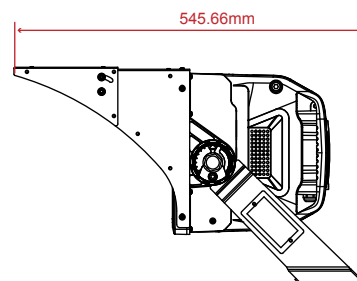
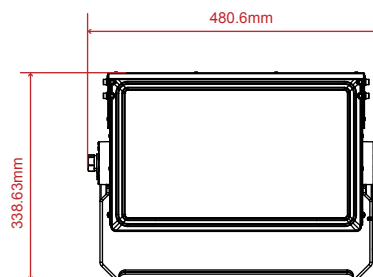
#### Optical Data

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)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Carton Dimensions	L535mm*W450mm*H340mm
Gross Weight	19.5kg
Fixture Dimension	L480.6xW545.66XH338.63mm





# LED FLOOD LIGHT

## AMI-HM03-800W/1000W1200W

### Specifications

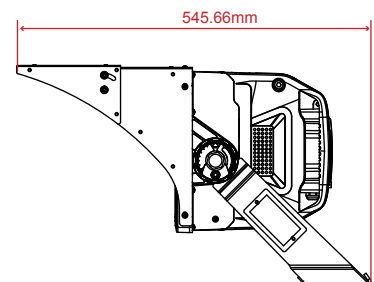
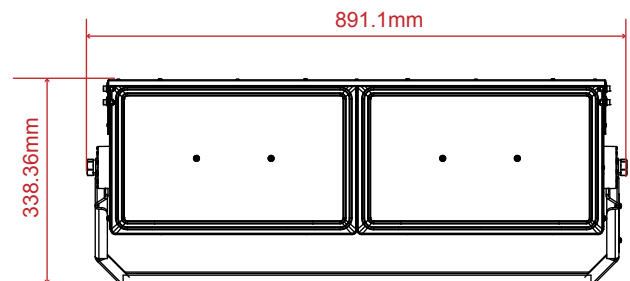
#### Optical Data

Wattage	800W/1000W/1200W
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)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Carton Dimensions	L960mm*W450mm*H340mm
Gross Weight	38kg
Fixture Dimension	L891.1xW549.01XH338.36mm



# LED FLOOD LIGHT

## AMI-HM03-1600W/2000W



### Specifications

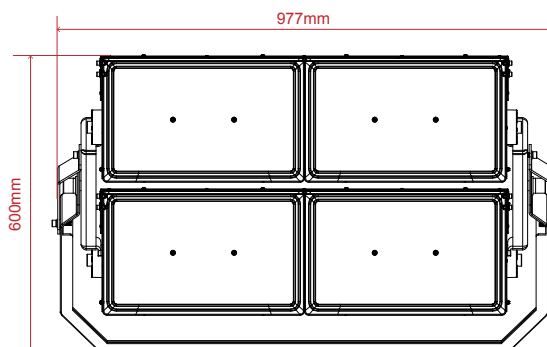
#### Optical Data

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



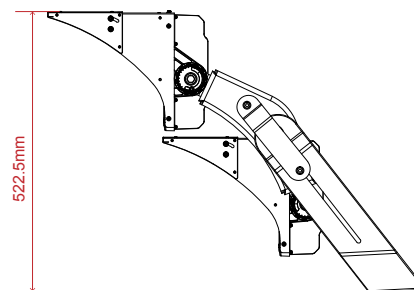
#### Electrical Data

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)	50,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Carton Dimensions	L960mm*W915mm*H340mm
Gross Weight	52kg
Fixture Dimension	L977xW522.5XH600mm







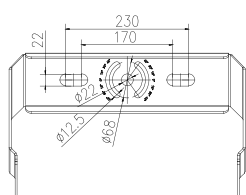
# Installation (Optional)

## Installation 1

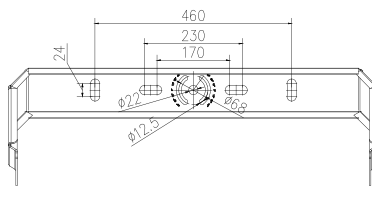
BUILT-IN POWER SUPPLY



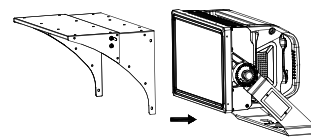
Hole dimension for mounting



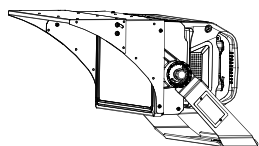
500W/600W bracket



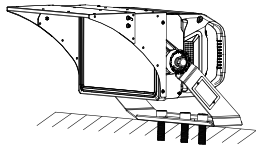
1000W/1250W bracket



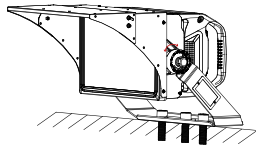
1. Take the Visor from the box, align the mounting holes with the luminaire cover holes.



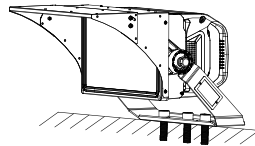
2. Take the Screw M4\*12, make visor firmly locked on luminaire cover.



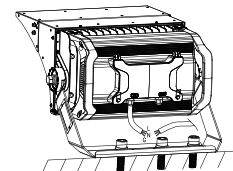
3. According to the size chart provided on the bracket, the corresponding hole position is opened. After fix the bracket with M20 screws.



4. Loosen M16 hexagon head screw with wrench, adjust luminaire to suitable angle (0-40°), tighten screws and fix the luminaire.



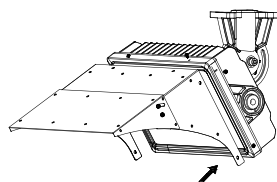
5. Visor can be adjusted to suitable angle (0-40°) as per requirement.



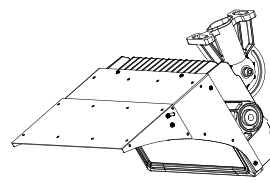
6. Wiring, distinguishing between positive and negative poles and grounding wire.

## Installation 2

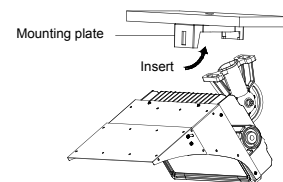
EXTERNAL POWER SUPPLY



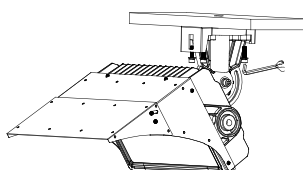
1. Take the Visor from the box, align the mounting holes with the luminaire cover holes.



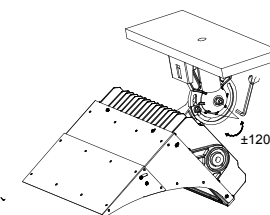
2. Take the Screw M4\*12, make visor firmly locked on luminaire cover.



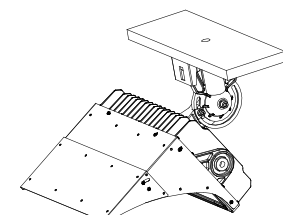
3. Fix the mounting plate on the flat surface first, and then let the base of the luminaire accurately match the hole position of the mounting plate.



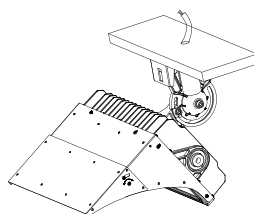
4. Tighten 4pcs M8 screws with allen wrench and fix the luminaire.



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



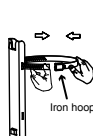
6. Loosen M4 screws, adjust visor to suitable angle (0-40°), tighten screws and fix the visor.



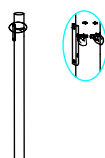
7. Fix the external driver box on lamp pole or the mounting surface, connect cables, distinguishing the L/N/E Lines.



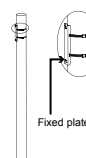
External power installation



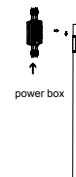
1. Put the hoop through the power fixing plate.



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.



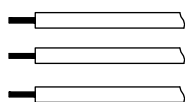
4. Fix the power box on the fixed plate by hanging the power box on the lamp pole.



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.







## **Packing including:**

- 1.1pc LED Flood Light
- 2.1pc Product User Manual

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