



LED FLOOD LIGHT

ARENA RAY 400W/500W/630W/1000W/1260W



IP66

IK08

5YEARS

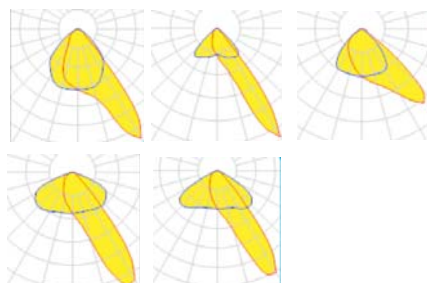


FLOOD LIGHT

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.

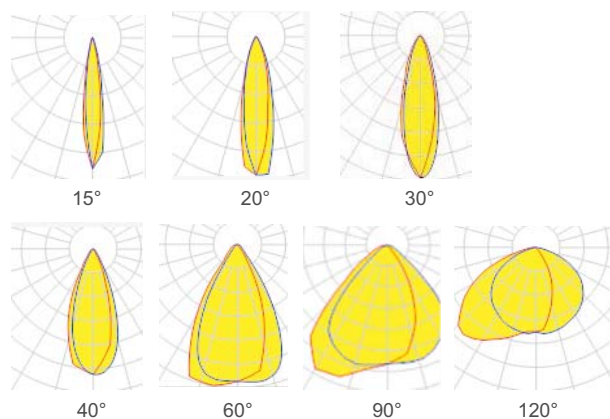


PRODUCT ADVANTAGES

- 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 outside;
- Low transportation costs;

PHOTOMETRIC DIAGRAMS

Symmetrical beamangle 15°20°30°&60°90° &120° Asymmetrical beamangle MB NB T2-VS VWB WB



LED FLOOD LIGHT

ARENA RAY 400W/500W/630W

Built-out power supply

Specifications

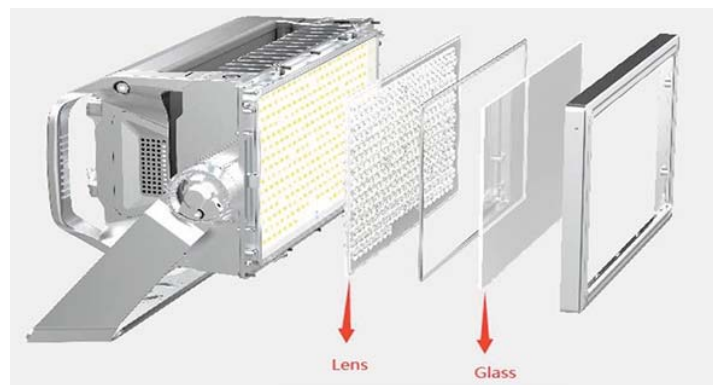
Optical Data

Wattage	400W/500W/630W
LED Type	Lumiled 5050 & Samsung3535
Efficiency	120LM/W-130LM/W
Luminous Details	RA90 5700K 120LM/W RA80 5700K 130LM/W
CCT	3000K/4000K/5000K/5700K/6500K
Beam Angle	10°15°20°30°60°90°120°& MB NB T2-VS VWB WB
CRI	>70/>80/>90
System Efficiency	>90%
Control System	DALI/ Dimmable / DMX system



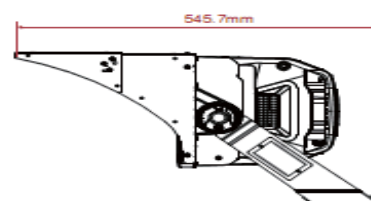
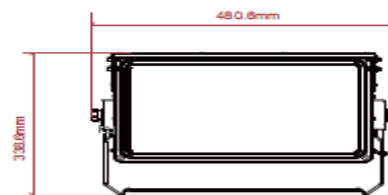
Electrical Data

PowerSupply	MeanWell /Inventronics
Input Voltage	AC100-277V/AC200-480V
Power Frequency	50/60Hz
Output Voltage	DC48V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<15%
SPD	10KV/20KV



Others

IP	IP66
Lifetime(L70 Standard)	54,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC lens with glass cover
Fixutre Gross Weight	14kg
External driver with box Groos weight	7.5kg
Fixture Dimension	L480xW545x7H338.6mm





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 photocontroller 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

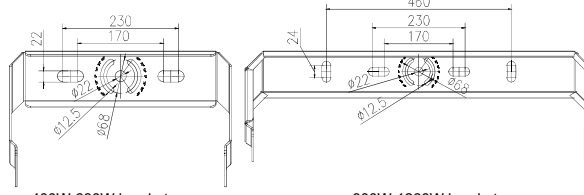


Installation Optional

Installation 1 BUILT-IN POWER SUPPLY

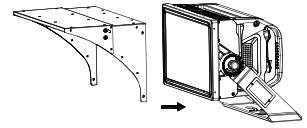


Hole dimension for mounting

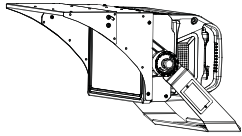


400W-630W bracket

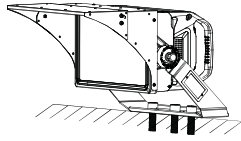
800W-1260W bracket



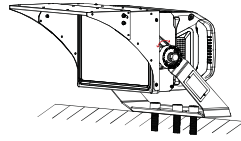
1. Take the Visor from the box, align the mounting holes with the luminaire cover holes.



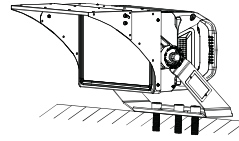
2. Take the Screw M4*12, make visor firmly locked on luminaire cover.



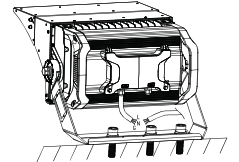
3. According to the size chart provided on the bracket, the corresponding hole position is opened. After fix the bracket with M20 screws.



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

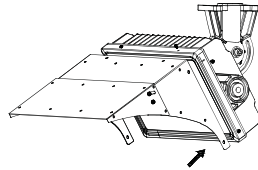


5. Visor can be adjusted to suitable angle (0°~35°) as per requirement.

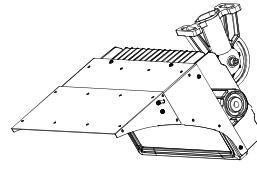


6. Wiring, distinguishing between positive and negative poles and grounding wire.

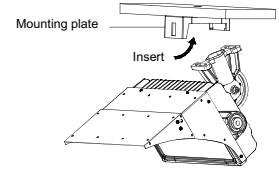
Installation 2 EXTERNAL POWER SUPPLY



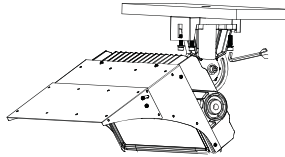
1. Take the Visor from the box, align the mounting holes with the luminaire cover holes.



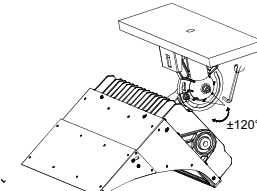
2. Take the Screw M4*12, make visor firmly locked on luminaire cover.



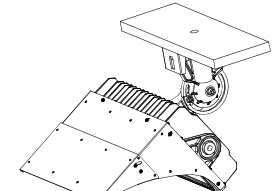
3. Fix the mounting plate on the flat surface first, and then let the base of the luminaire accurately match the hole position of the mounting plate.



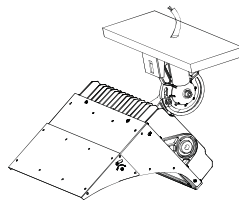
4. Tighten 4pcs M8 screws with allen wrench and fix the luminaire.



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



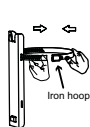
6. Loosen M4 screws, adjust visor to suitable angle (0°~40°), tighten screws and fix the visor.



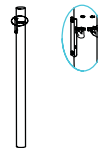
7. Fix the external driver box on lamp pole or the mounting surface, connect cables, distinguishing the L/N/E Lines.



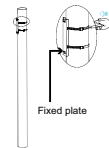
External power installation



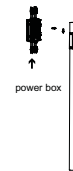
1. Put the hoop through the power fixing plate.



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.



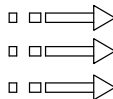
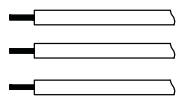
4. Fix the power box on the fixed plate by hanging the power box on the lamp pole.



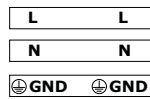
5. nstallation complete.


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.

LED FLOOD LIGHT

ARENA RAY 1000W/1260W

Built-out power supply

Specifications

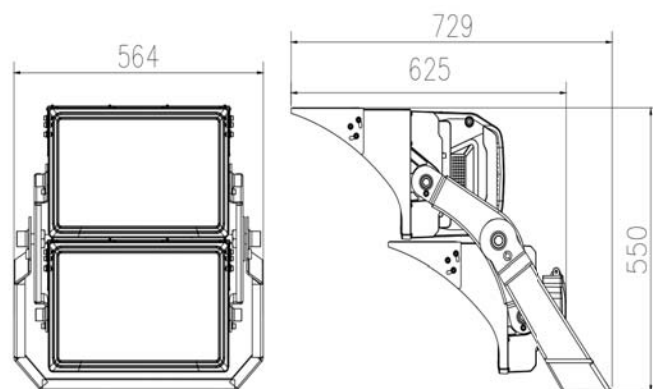
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Power Frequency	50/60Hz
Output Voltage	DC48V
Power Efficiency	>92%
Power Factor	0.95
Total Harmonic Distortion	<15%
SPD	10KV/20KV



1200W dimensions

Others

IP	IP66
Lifetime(L70 Standard)	54,000 hours
Heat Radiator	die-cast aluminum
Lens Material	PC
Gross Weight	29KG
External driver with box Gross weight	10.5kg
Fixture Dimension	L564xW729xH550mm





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