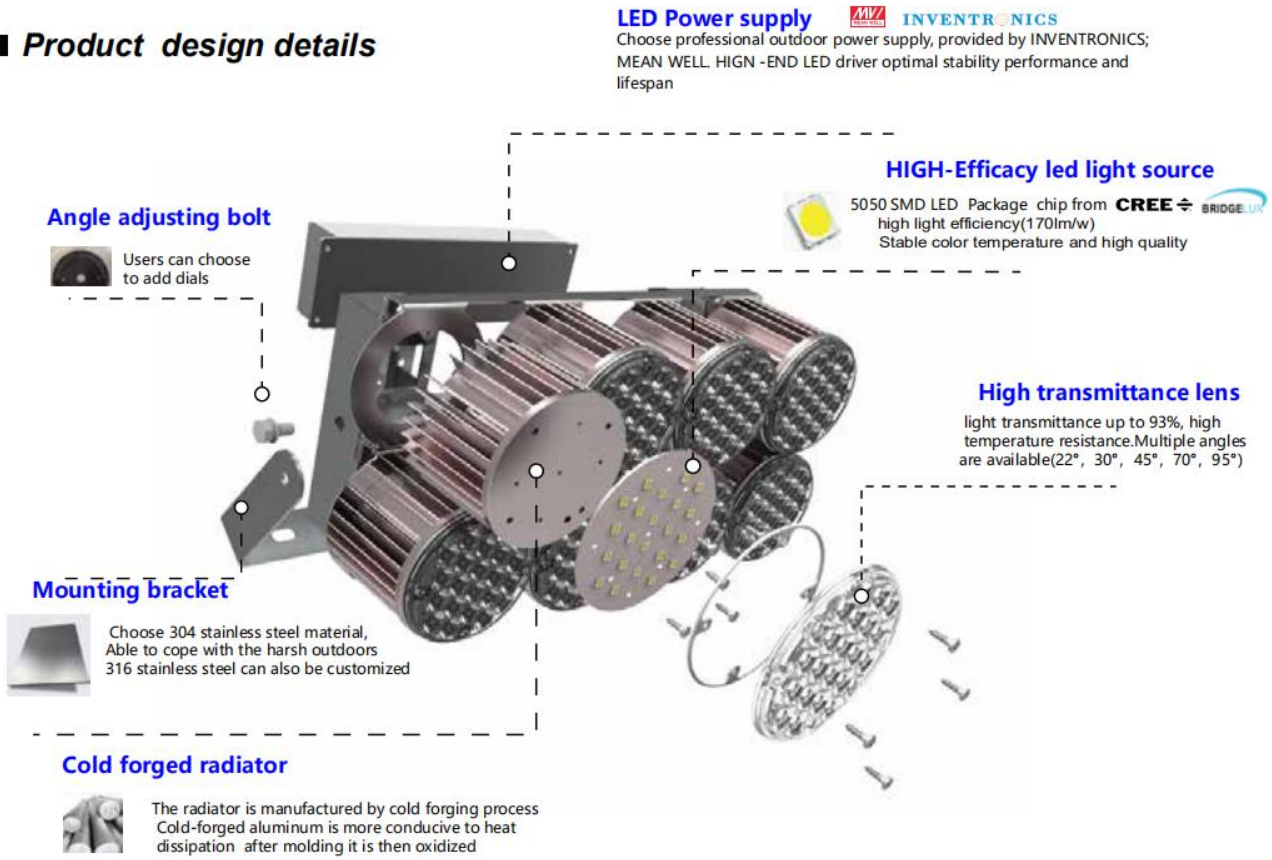
170Lm/W Arena LED Flood Light

- It’s produced with super high efficiency 170Lm/W real test for the whole lamp.
- It can be installed on high mast poles from 10 meters to 50 meters
- It can light up large area up to 100 meters to 500 meters
- Anti vibration tested, it’s good to resist mechanical shock
- Remote driver installation enables easy maintenance on the power supply
- Combo narrow and wide beam angle on single light. Narrow beam angle enables to reach further Wide beam angle helps to increase the uniformity of the lighting

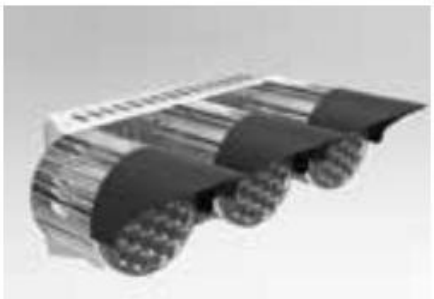
High Performance Materials

■ *Product design details*



Optional Choice -- Cover/Visor can be added to lower spillage and glare.
(Check with the sales for this option)

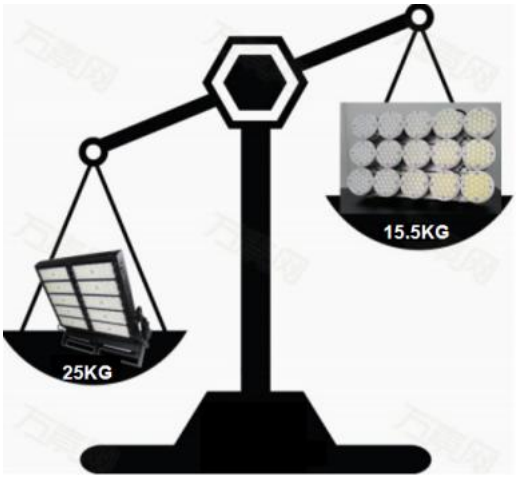
Install sample



Outstanding Features

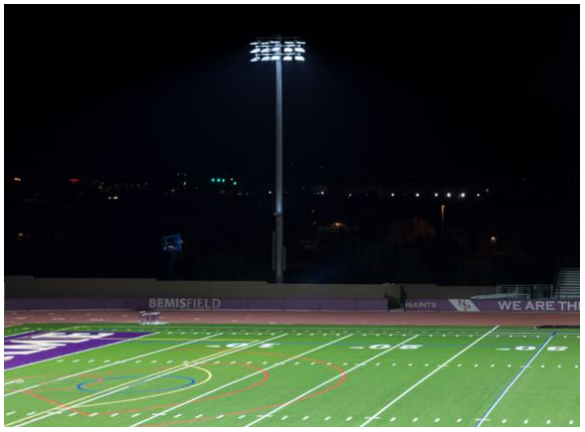
Super compact Design

It’s western concept on the design aims to reduce the general weight and size of the lights. So to solve the dilemma for the installation on the high mast pole. With almost 40%-50% lighter weight than market LED lights, it greatly reduces the stress on the High mast poles with much smaller windage area value. Take 1000W for example, Lsleds 1000W is only 15.5KG while the market SMD 1000W is 25KG.



Professional FIFA Stadium Optics

This model is designed with precisely calculated optics with matching lenses so to have almost 90% lighting to be projected straightforward on to the ground and it enables the lighting to reach further long distance up to 500 meters. The beam patterns are designed to generate homogeneous illumination to avoid bright spots and dark patches, so the lighting is much uniformly distributed. Thus it provides more comfortable anti glare lighting.



Fast Heat Dissipation Design

Our 3rd generation heat dissipation system is dense arrangement of passive aluminum fins to give a large surface for fast heat dissipation.This system reduces the junction temperature by effectively conducting the heat from source (LED chips) to the circular aluminum heat sink structure and then to the air. So it keeps rather high luminous efficacy and long life span as well as steady color temperature of the lights.

LUMINA GLOW

Electric light source parameters:

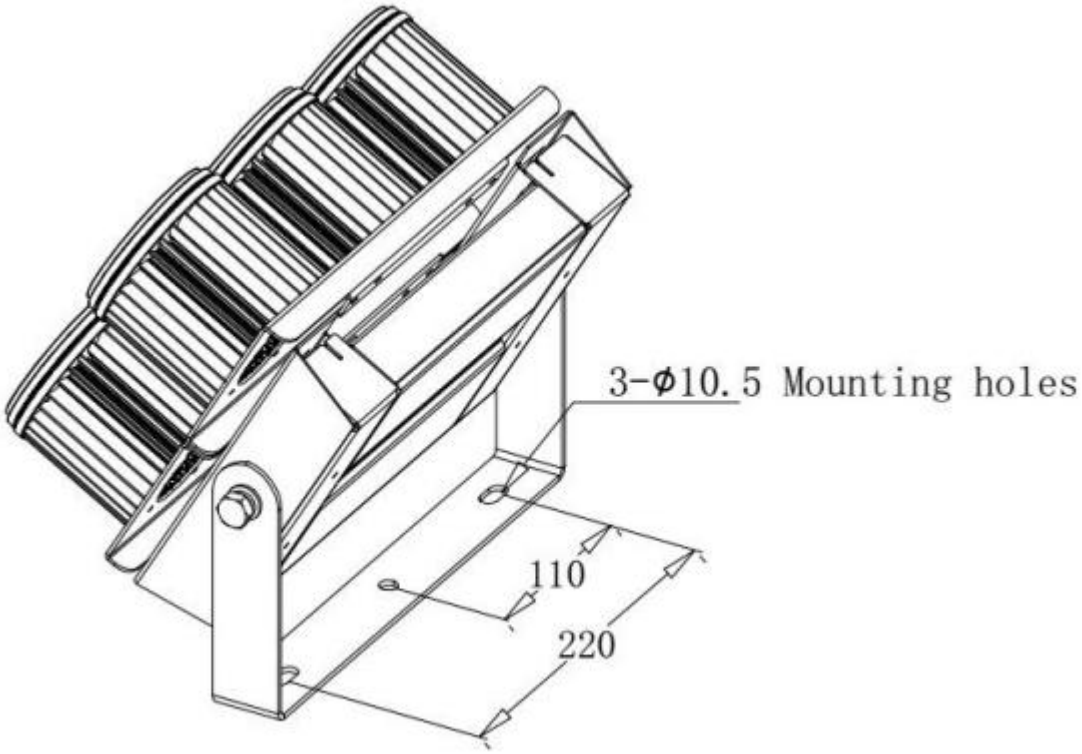
Part NO	LS-ARE-300	LS-ARE-400	LS-ARE-500	LS-ARE-750	LS-ARE-1000
Power	300W	400W	500W	750W	1000W
Luminous Flux	51000Lm	68000Lm	85000Lm	127500Lm	170000Lm
Equal MH Lamp	1000W	1500W	1500W	2000W	2000W
Light Weight	4KG	7KG	8KG	12KG	18KG
Power Factor (PF)	⩾0.95				
Light Source	Bridgelux				
Power Supply	Meanwell driver				
Light Angle	25°, 40°, 60° 90°				
Color Index(CRI)	80				
Luminous Efficacy	170Lm/W				
IP Rating	IP66				
Work Temperature:	- 40 ° C ~ 55 ° C				
Working Humidity	10 % ~ 90 % RH				
Storage Temperature	- 40 ° C ~ 80 ° C				
Life Span	⩾80000 hours				
Input Voltage	90-295VAC 50-60HZ/ 347-480vVAC optional				
Power Efficiency	⩾90%				
Color Temp	2700-3500K /5000-6500K/ 6500-7500K				

Application Cases

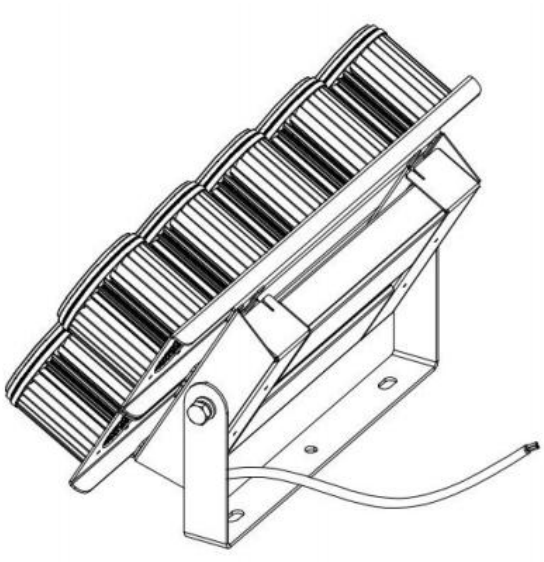
Sports fields like tennis courts, football field, rugby fields
Airport high mast lights
Harbor high mast lights

Installation procedure:

1. As shown the five holes to install the product on the user installation plane



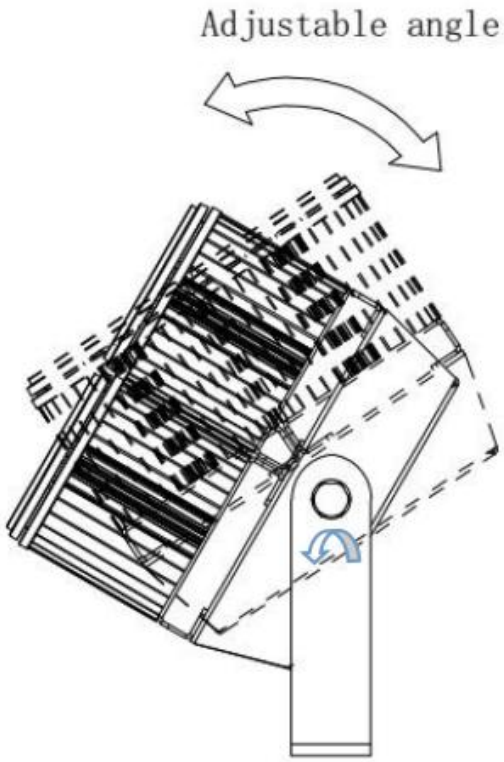
2.Connect the power cables as below



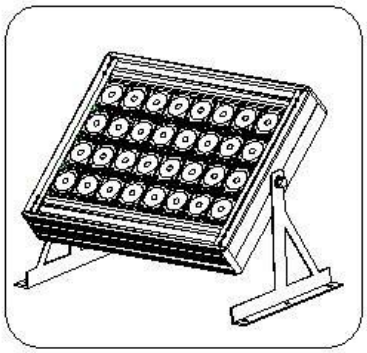
ACL: Connect the Brown input
ACN: Connect the Blue input
Grount Line: Connect the Green/Yellow input

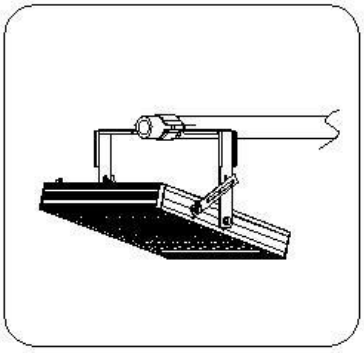
3.As shown, turn the wrench to loosen the two bolts (the

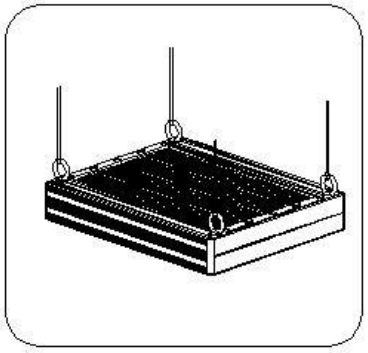
3.As shown, turn the wrench to loosen the six bolts (the other three on the other side) to adjust the illumination angle of the product. Be adjusted to the appropriate angle. In turn tighten the bolts and make sure that the irradiation angle remains unchanged under the applied slight external force.



4The user can also choose other installations as below







1. Power Switch on,make sure light on.
2. All done.

Remark：

1. Make sure power off when installing or changing spare parts;
2. Make sure local working voltage could match the lamp.