



**ISF** LED STADIUM LIGHT  
LED FLOOD LIGHT

OVER YEARS   
**10 EXPERIENCE**  
[www.aokledlight.com](http://www.aokledlight.com)

## > Features of ISF Series

ISF series is an energy-saving and economical LED flood light which is suitable for stadium lighting. It is also suitable for large outdoor lightings such as ports and docks.

- Up to 140lm/w, power range: 300W/460w/600w/800w/1200w.
- UV stabilized polyester powder paint finish for durability and corrosion resistance. Saving maintenance budget and operating costs.
- Excellent lighting system design, better night vision performance.
- Eco-friendly, the lighting around the site is not plagued by light pollution.
- The illumination of the site is significantly improved, with better uniformity and the overflow light is reduced to a minimum.
- Pure aluminum heat dissipation design, more conducive to prolong the lifespan.



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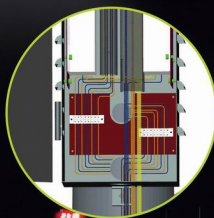
# > Perfect Design for Gaming

• Our lighting system, electrical, structural all links of the precise configuration and full consideration, precise control of light, to ensure the best light efficiency. We make the whole lighting system faultless, more durable.

• We provide easy-to-maintain design, integrated grounding and surge protection to ensure the long life of the sensitive electrical components required by LEDs.



Separated power supply installation, easy maintenance. Highly integrated wire harness, the remote control system is optional, easy to operate.



## HEAT SINK

- Pure Aluminium 6063, high thermal conductivity
- Unique convective air cooling design
- Machined smooth surface for maximum heat transfer of the LEDs
- Maintains low LED Junction temperature for high wattage operation

## LENS

- High-temperature resistance PC materials
- High transparency
- Multiple beam angles

## TEMPERED GLASS

- Impact-resistant IK08
- High transparency

## BRACKET

- Knuckle Assembly
- Maintains alignment in up to 150 mph winds
- Bracket adjustment Angle range:
  - Elevation Angle 0° ~ 90°
  - Depression Angle 0° ~ 90°
- Yoke mount available.

## LED PANEL

- Seoul 5050/Seoul Z5M4 3535
- Metal-core printed circuit board

## GRATING PLATE

- High-temperature resistance materials
- Mirror surface anodizing
- Dramatically reduces glare and spill

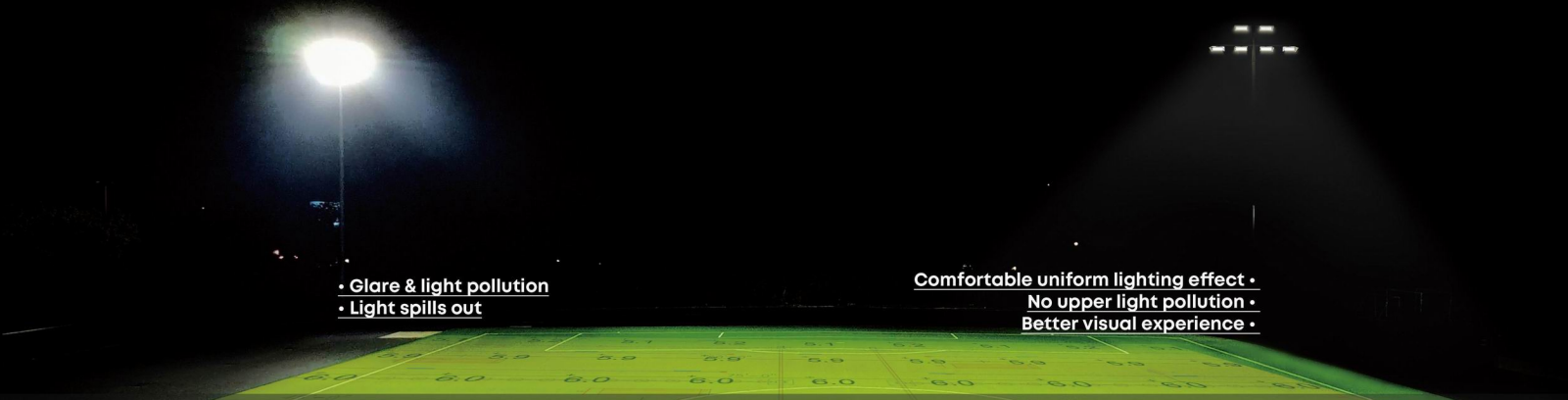
## SURFACE COVER

- Perfectly sealed to keep optics away from harmful environmental elements
- High-strength material ADC12

## LIGHT CONTROL VISOR

- Visor with reflective surface and adjustable angle
- Dramatically reduces glare and spill, and maintain high output

# > Photometric Design



- Glare & light pollution
- Light spills out

- Comfortable uniform lighting effect
- No upper light pollution
- Better visual experience

Accurate light distribution design to ensure accurate lighting, Lumileds or Seoul LED chip to ensure the best lighting performance.



• Glare can cause problems for athletes and nearby residents. Spillover light causes light pollution in the night sky. Solving the problem of reducing light pollution is the primary mission of our product design. While providing a brighter lighting system for the site, we were also concerned about how to reduce the disturbance to the surrounding environment.

• Effective control of light can better reflect the energy conservation and environmental protection of LED lighting equipment. The low glare design of the ISF series allows for effective control of light and direction, providing greater comfort for athletes on the field, a better spectator experience, and minimizing light pollution.

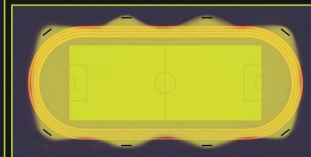
• Precise lighting system design of ISF series, combined with visor, reduces in-site glare by 40%, spills by more than 50%, and saves energy by up to 40% compared to conventional MHL or other lamps.



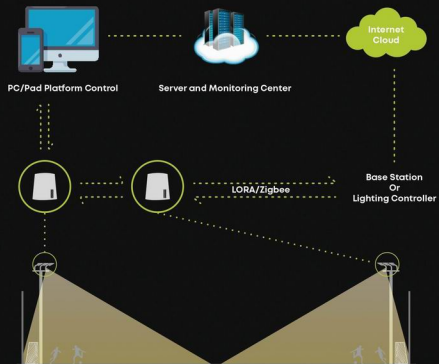
• Without visor, light spills out.



• With visor, better lighting effect and lower glare.



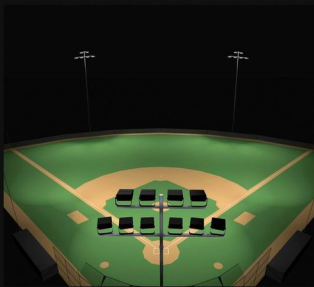
## > Smart Lighting Control



The Lora Light wireless system or Zigbee control with strong anti-interference ability is adopted in the wireless transmission unit of light controller to realize the communication between nodes and gateways. The data of various sensors on the node light controller is sent back to the gateway, and the control command of the gateway is also sent to the node light controller.

Through the controller, the staff can conveniently remote control the status of lamps and lanterns and adjust them, so that the lighting management of the site is more intelligent.

### Competition



Through remote control, the lighting can achieve the best effect of professional competition, so as to meet the lighting demand of the field competition. Easy to operate, quick adjustment, intelligent system can be more conveniently deployed.

### Training or Recreation



Lighting on the spot only needs to meet the effect of training or daily recreational activities, and the illumination of fixtures can be reasonably adjusted through remote control. It can not only save energy consumption but also save operating expenses.

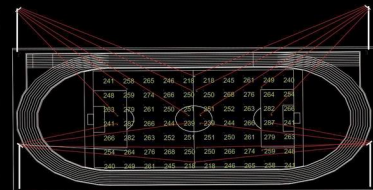
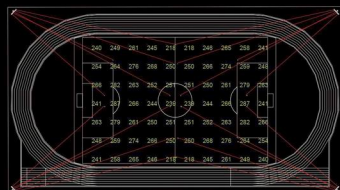
## > Referential Simulation Result

### Simulation Renderings



Reference Data  
 Field proportion: 105'68m;  
 Installation height: 30m;  
 Pole number: 4 PCS;  
 Number of fixtures: 5 PCS \*4;  
 The total lumens: 144000lm;  
 Power of each fixture: 1200w;

### Illumination Parameters

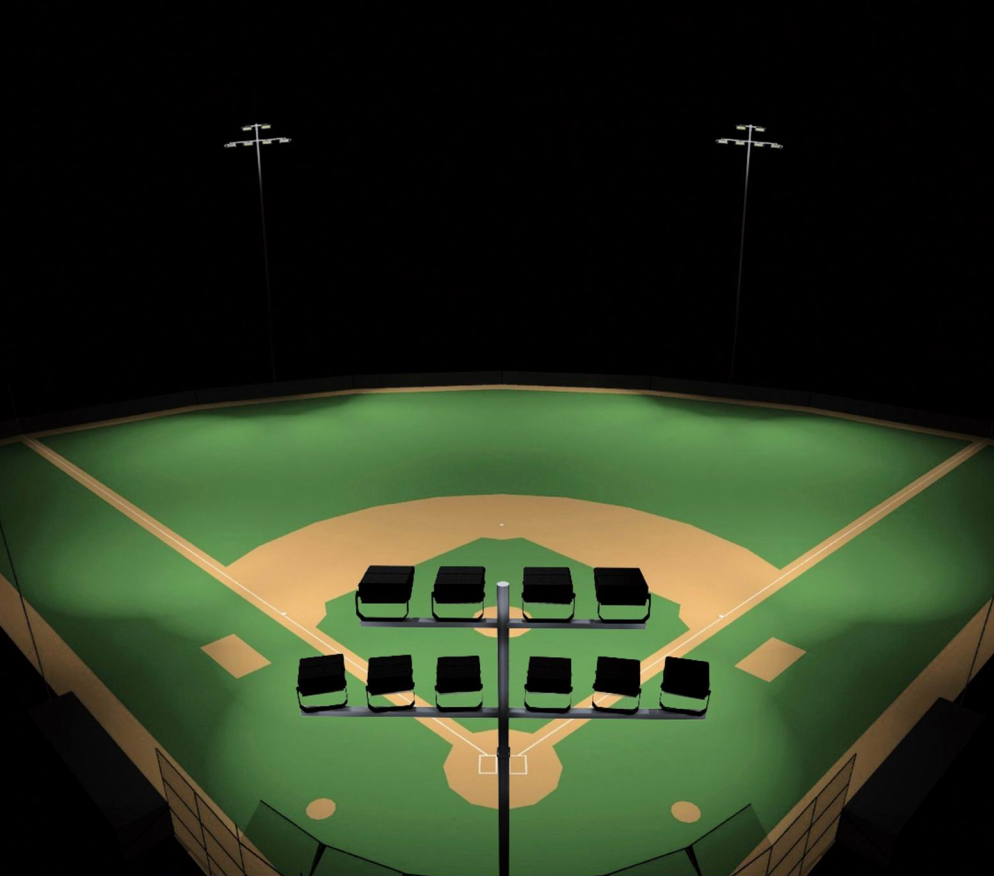


## > Application Reference



\*Due to the constant improvements in product development, individual parameters might change. Please refer to our sales or R&D team for most up-to-date content as specifications are subject to change without notice.

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Quality, Honesty, Service and Innovation

# Illuminate Your Future



5 Year Limited Warranty,  
10 Year Preferred Warranty.  
Please consult with our sales for detailed agreement.

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