



**ISF** LED STADIUM LIGHT  
400W/600W/800W/1200W/1500W/1800W



**100+** Patent Certificates  
**\$1,000,000+** Annual Energy Saving  
**10,000+** Projects Successfully Installed

**Better Performance  
Starts From Better Lighting**  
[www.aokledlighting.com](http://www.aokledlighting.com)





For other certificates please request

## > Features of ISF Series

The ISF Series Stadium Floodlight represents a new generation of outstanding lighting solutions, boasting easy maintenance, easy installation, versatile light distribution options, and professional-grade features. Its exceptional optical design ensures outstanding performance, making it the ideal choice for illuminating outdoor large venues and events, saving maintenance budget and operating costs.

- Up to 150lm/W, power range: **400W-1800W**.
- Modular design, a maximum of 3 modules available.
- UV stabilized polyester powder paint finish for durability and corrosion resistance.
- Die-casting aluminum, excellent heat dissipation design, more conducive to prolong the lifespan.
- Excellent lighting system design, better 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.

|                                    |   |                               |  |  |
|------------------------------------|---|-------------------------------|--|--|
| <b>UP TO</b><br><b>150</b><br>lm/W | <b>NV: 100-240V</b><br><b>HV: 200-440V</b><br><b>HV: 198-440V</b><br><b>50/60HZ</b> | <b>THD</b><br><b>&lt;20%</b>  | <b>L90B10</b><br><b>&gt;100000hrs</b><br><b>@ 25°C</b> | <b>Working Temperature Environment</b><br><b>-40°C~50°C</b><br><b>(-40°F~+122°F)</b> |
| <b>IP66</b><br><b>IK08</b>         | <b>3G</b><br><b>VIBRATION TESTING</b>   | <b>CRI</b><br><b>70/80/90</b> | <b>DIM</b>   |  |

Note: Normal Voltage=100-277VAC, High Voltage=277-480VAC, please evaluate before choosing. For the power supply in the United States and Canada, in case the input voltage fluctuation ≥240V the High Voltage solution is highly recommended for performance stability. Improper selection will cause damage to the driver or the light.

(Optional)  
**APPLICABLE TO 4K & HD TV LIVESTREAM**

**TLCI>95** **GR<30/40**

**DMX or DALI 2**  
**Control Options**

Please consult for details (in certain configurations), and requirements.



**UP TO 1800W**  
**MODULAR**

Modular construction, concealed wiring layout, hassle-free upkeep. Maximum power to 1800W.



**LIGHTWEIGHT**  
**MAX. <30KG**

The 1800W fixture's overall weight is <30KG (excluding the driver box), enhancing safety.



**FOR TV BROADCAST**

ISF ensures superb TV footage with high TLCI LED sources (>95) for flicker-free super slow-motion.



**CONVENIENT INSTALLATION**

Mounting options include Type-A, Type-B, and Type-C, providing easy installation and versatile adaptability.



# > Perfect Design for Gaming

Multiple mounting options turn installation & maintenance job into a easy way. Installation options include integrated and split setups, with driver box maintenance requiring no tools. You can easily adjust the position, either on the bracket or using a remote power box, ensuring straightforward and convenient maintenance.



## HEAT SINK

- Die-casting aluminum ADC12, 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

## WATERPROOF RING

- High-temperature resistance materials
- Aging resistance, excellent sealing

## TEMPERED GLASS

- Impact-resistant IK08
- High transparency

## U-BRACKET

- Maintains alignment is up to 150 mph winds.
- Type-A/Type-C mount optional.

## LED PANEL

- Seoul 5050/Seoul Z5M4 3535
- CREE/LUMILEDS optional
- Metal-core printed circuit board

## LENS

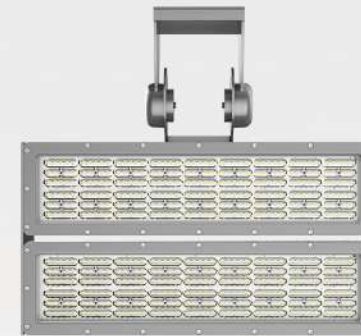
- High-temperature resistance PC materials
- High transparency
- Multiple beam angles

## SURFACE COVER

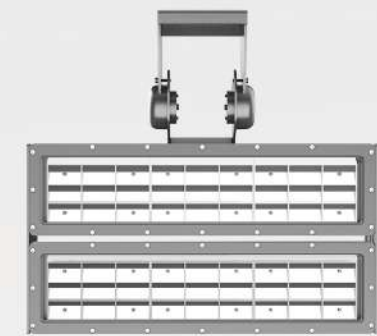
- Perfectly sealed to keep optics away from harmful environmental elements
- High-strength material ADC12

## LIGHT VISOR OPTIONAL

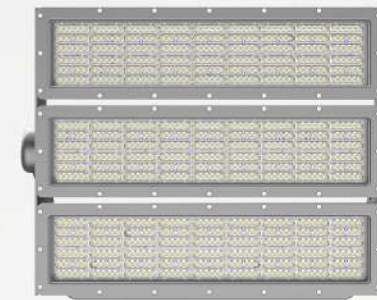
- Visor with a reflective surface
- Dramatically reduces glare and spill, and maintain high output



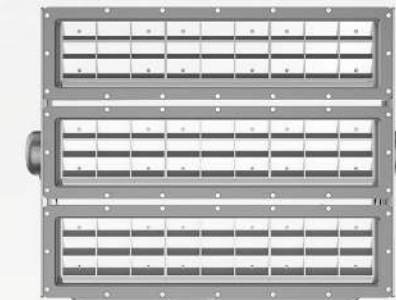
Type-A (Optical Lens)



Type-A (With Reflector)



Type-B (Optical Lens)



Type-B (With Reflector)



Type-B Power Supply Split Installation

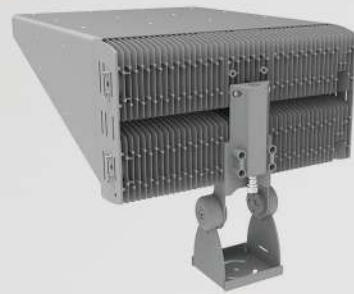
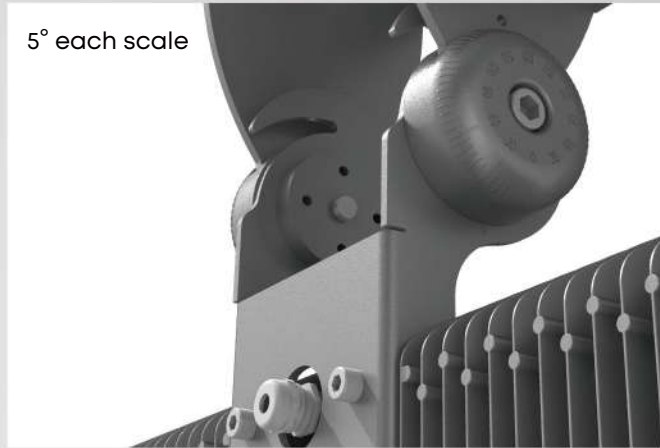


Type-Bx Driverbox Integrated with Bracket

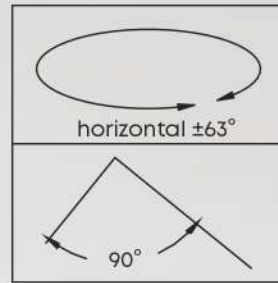
## > Flexible & Convenient Installation

### Type-A Top-fixed I

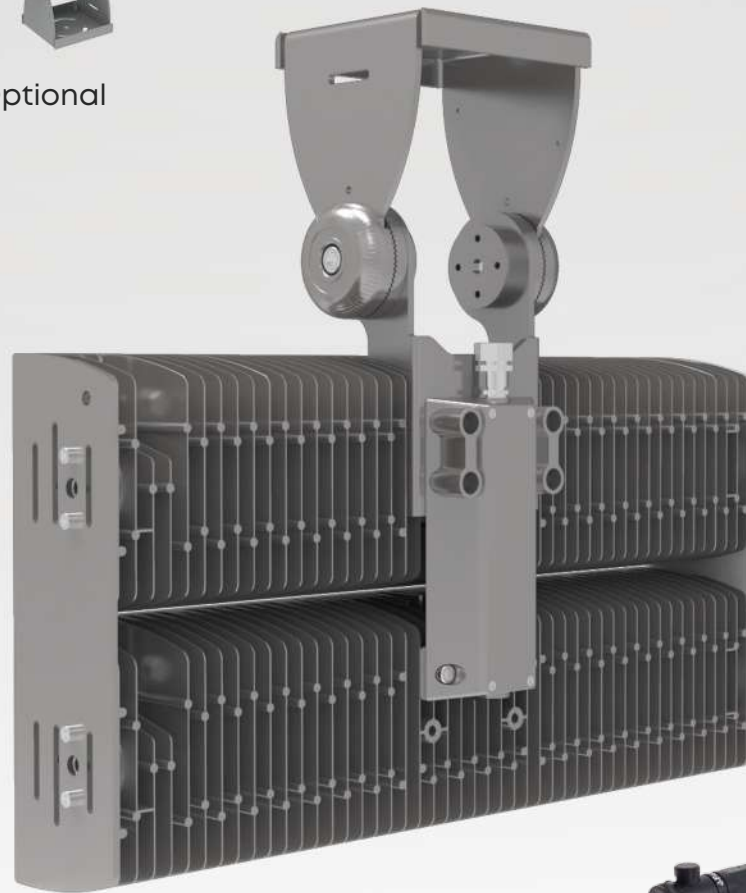
The top-fixed bracket for ISF is perfect for limited spaces like under grandstand roof covers. It simplifies aiming and offers multiple adjustments, including a  $\pm 63^\circ$  tilt in the horizontal plane and a  $90^\circ$  rotation on the vertical axis.



Visor Optional



### Type-C Top-fixed II



Laser Aiming  
Optional

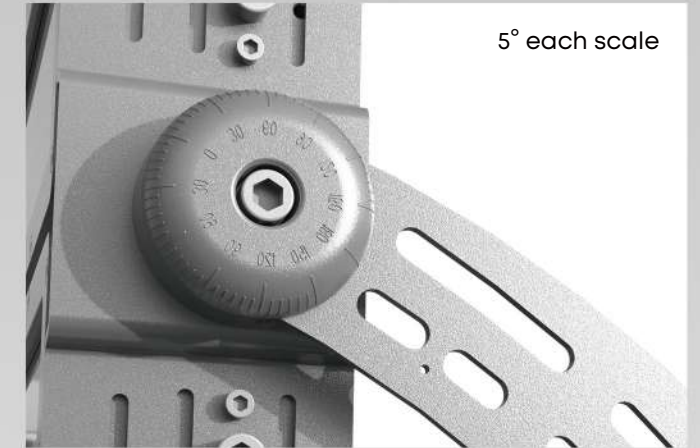


Safety Rope  
Optional

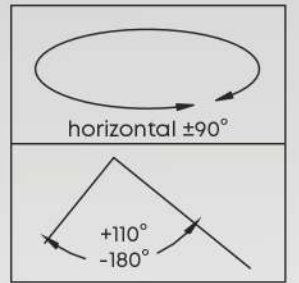
## Concealed Rear Wiring Design

### Type-B Yoke Mount

The ISF Type-B Bracket, crafted from durable 304 stainless steel (optional), boasts excellent corrosion resistance. It offers adjustable horizontal tilting options of  $\pm 90^\circ$  and vertical rotation from  $+110^\circ$  to  $-180^\circ$ , making it versatile for various mounting orientations.



Visor Optional



Laser Aiming  
Optional



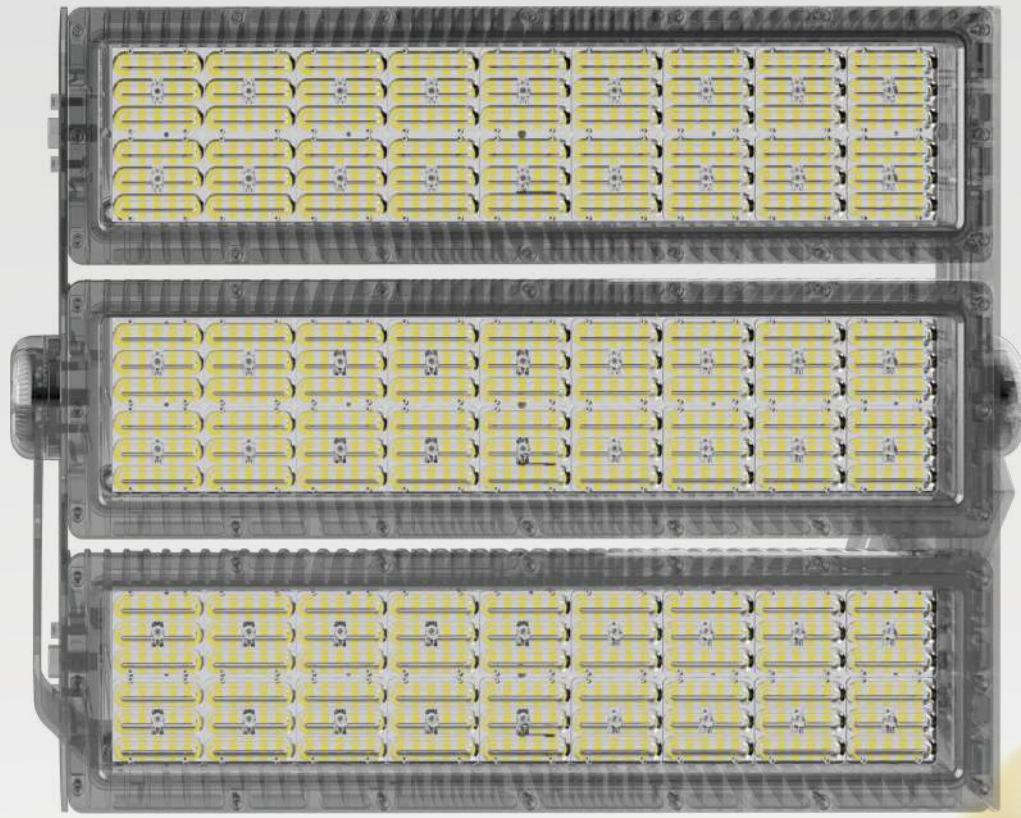
Safety Rope  
Optional

\*As the products are upgraded, the accessories may differ from those described in the pictures.

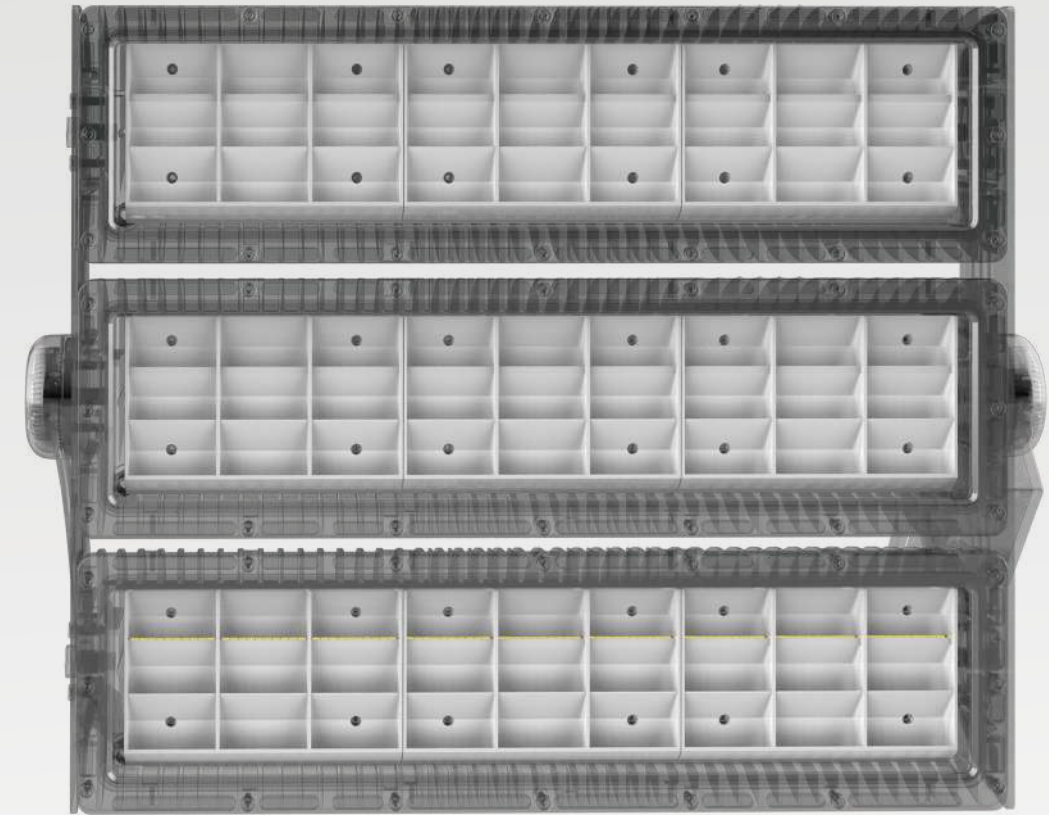
\*Due to the constant improvements in product development, individual parameters might change. Please refer to our sales or R&D team for most up-to-date content as specifications are subject to change without notice.



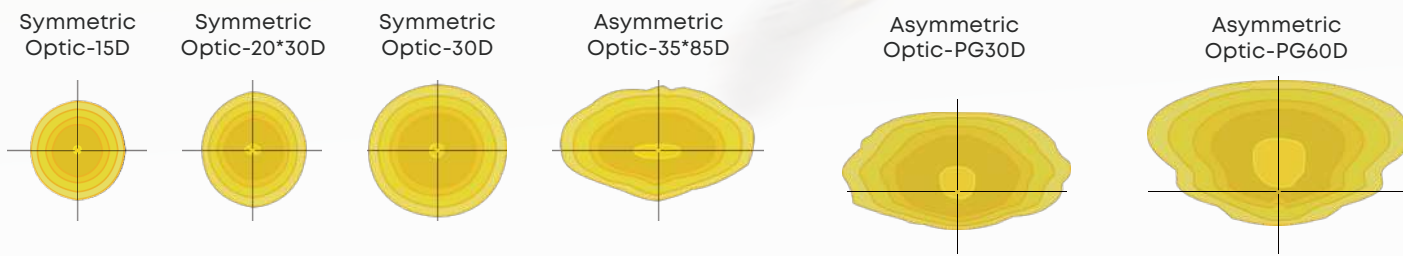
# > Photometric Design



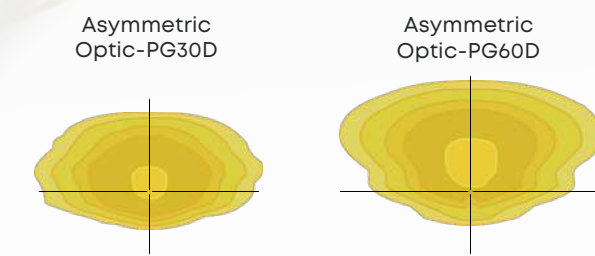
*With a concealed reflector design, the fixture remains invisible at night except for its light, reducing glare.*



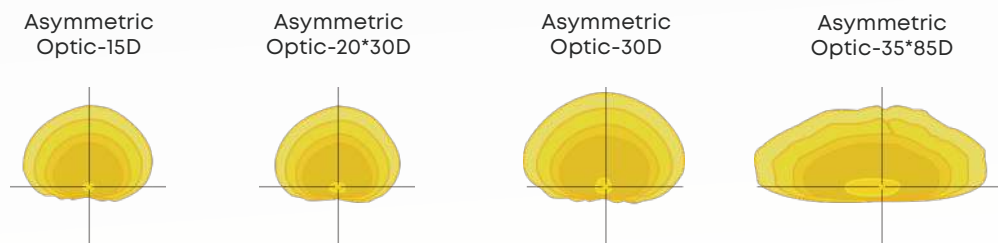
## Distribution Design - Without Visor



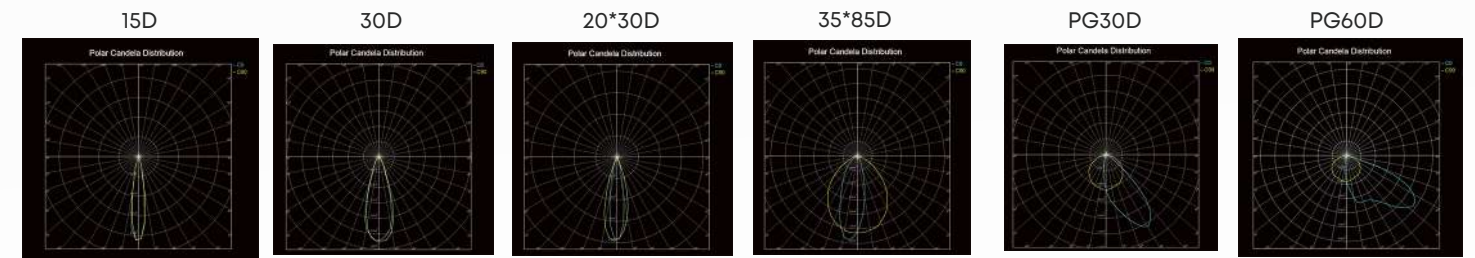
## Distribution Design - With Reflector



## Distribution Design - With Visor



**Accurate light distribution design to ensure accurate lighting, Seoul or CREE/LUMILEDS LED chips to ensure the best lighting performance.**



The ISF series introduces an innovative lighting technique for sports fields, streamlining floodlight installation without requiring precise aiming. It's designed for sports facilities like tennis courts, making luminaire installation quick and easy.

The ISF series features a customizable high-performance optical system designed for professional sports fields. It includes floodlighting optics for precise pitch illumination, offering flexibility and excellent light distribution. Specialized LEDs ensure high TLCl for television broadcasts.

\*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.



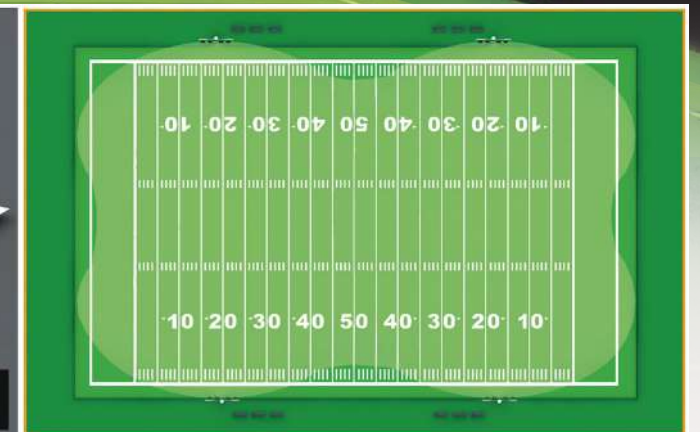
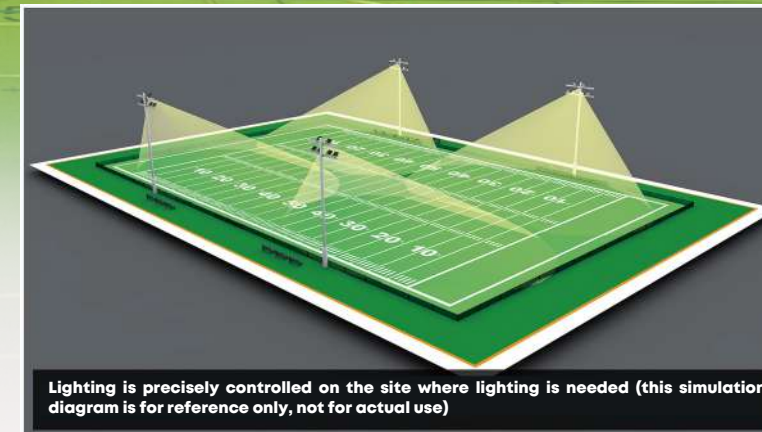
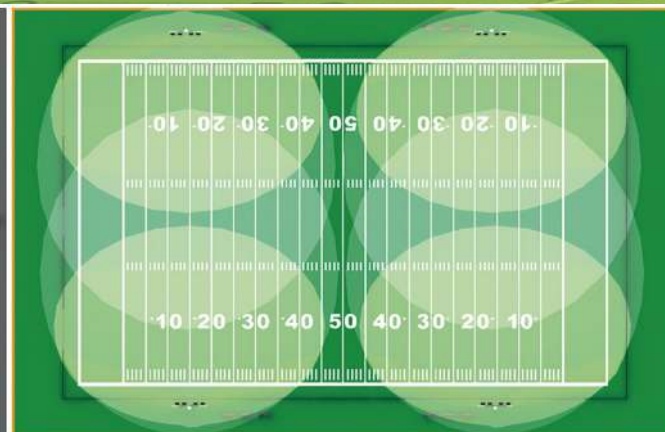
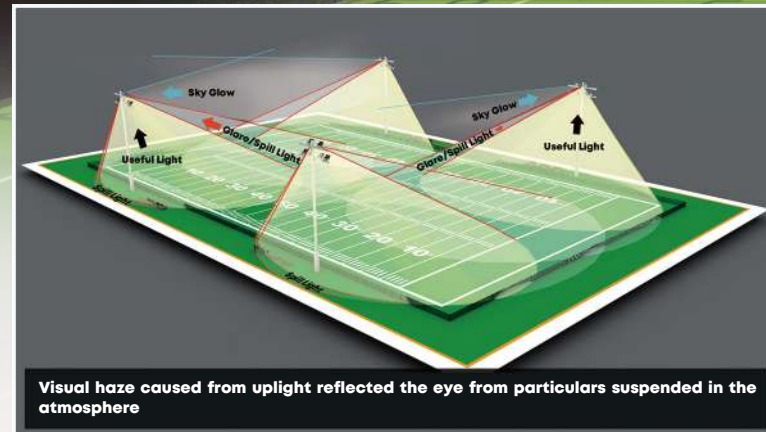
# > Control of Light



- Glare & light pollution
- Light spills out



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



## ULOR=0%

100% precise-0% light pollution (@0°)  
Thanks to its new asymmetric light distribution system, without any spill light or obtrusive light, the night sky remains dark. And nature and residents are undisturbed.

- Our product design focuses on addressing the issues of glare, which can affect both athletes and nearby residents, and light pollution in the night sky. While enhancing lighting for the site, we also aim to minimize disturbances to the environment.
- The ISF series incorporates a low glare design to effectively control light direction, improving athlete comfort, spectator experience, and reducing light pollution.
- The ISF series, with precise lighting system design and visor, reduces on-site glare by 40%, spillover by over 50%, and saves up to 40% more energy compared to traditional MHL or other lamps.

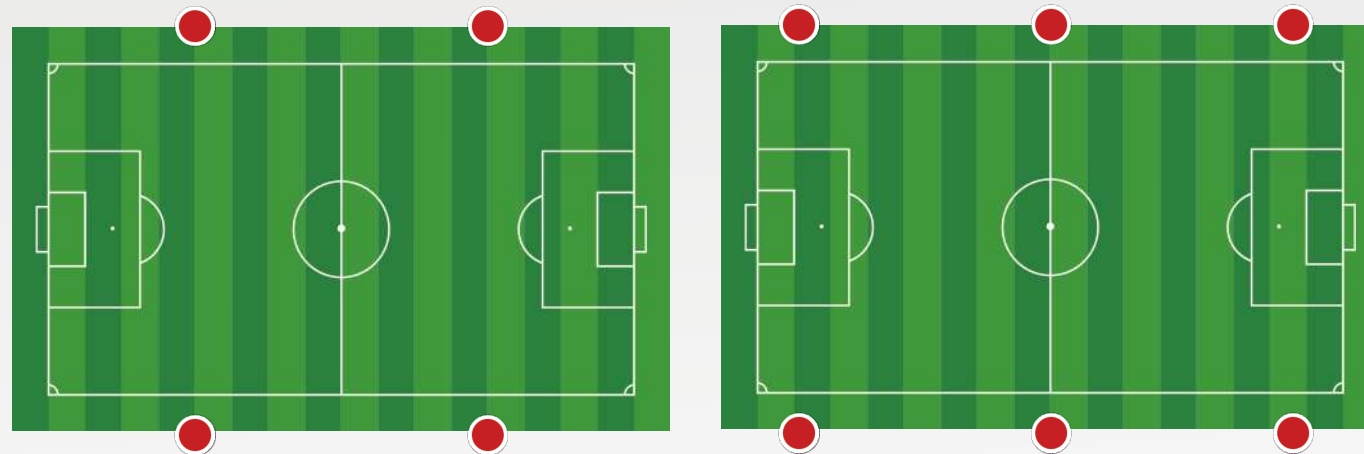
## > Referential Simulation Result

### Putting the floodlight ISF 1800W to the test

Sport field: 105x68m

#### 4-mast system

| 4 masts                             | ISF 1800W         |                    |
|-------------------------------------|-------------------|--------------------|
|                                     | Lighting class II | Lighting class III |
| Number of luminaires per mast       | 3PCS              | 1PCS               |
| Horizontal illuminance Em           | 204 lx            | 78 lx              |
| Uniformity U0 g1                    | 0.61              | 0.51               |
| Toal number of luminaires per field | 12PCS             | 4PCS               |

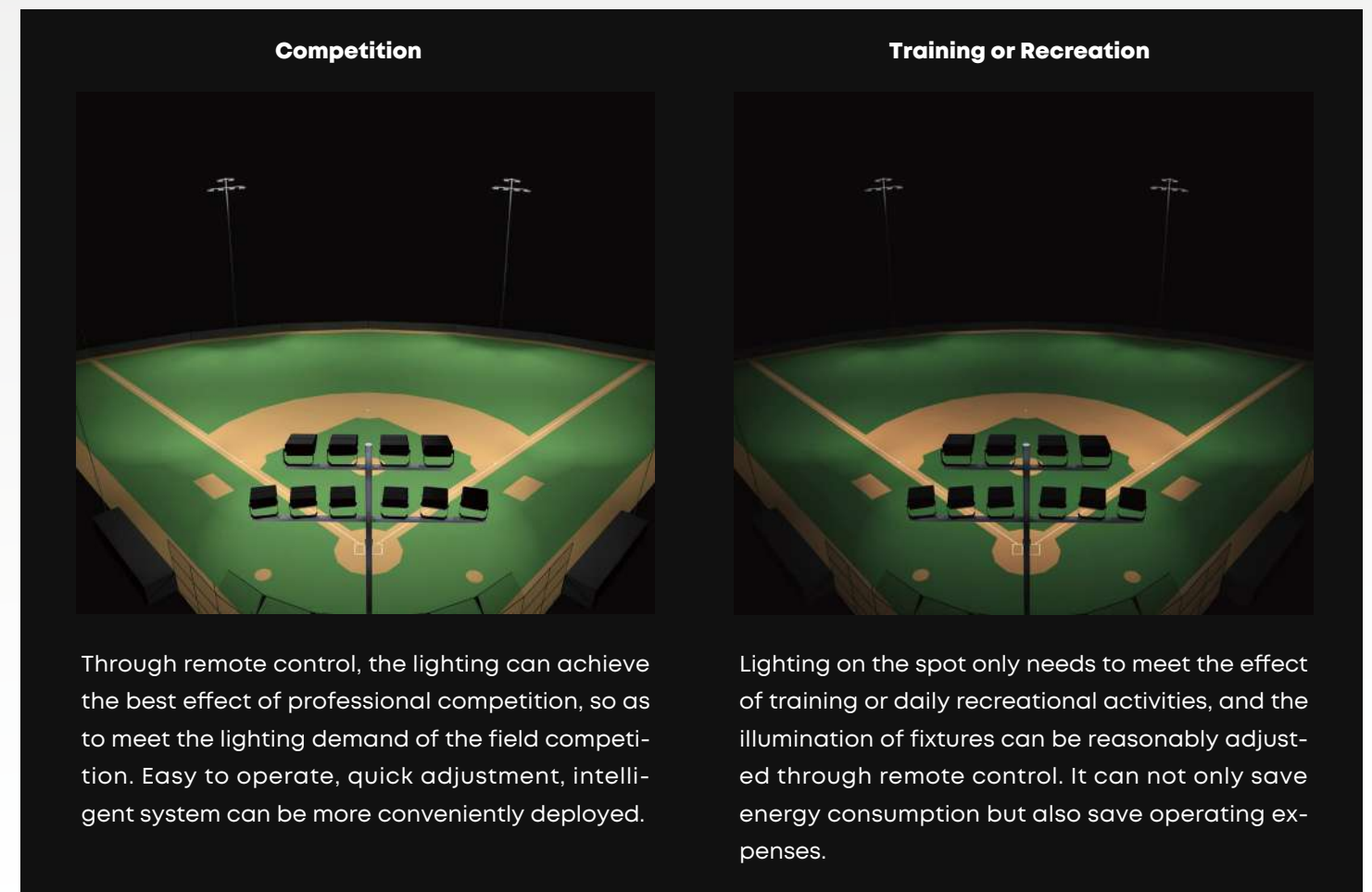
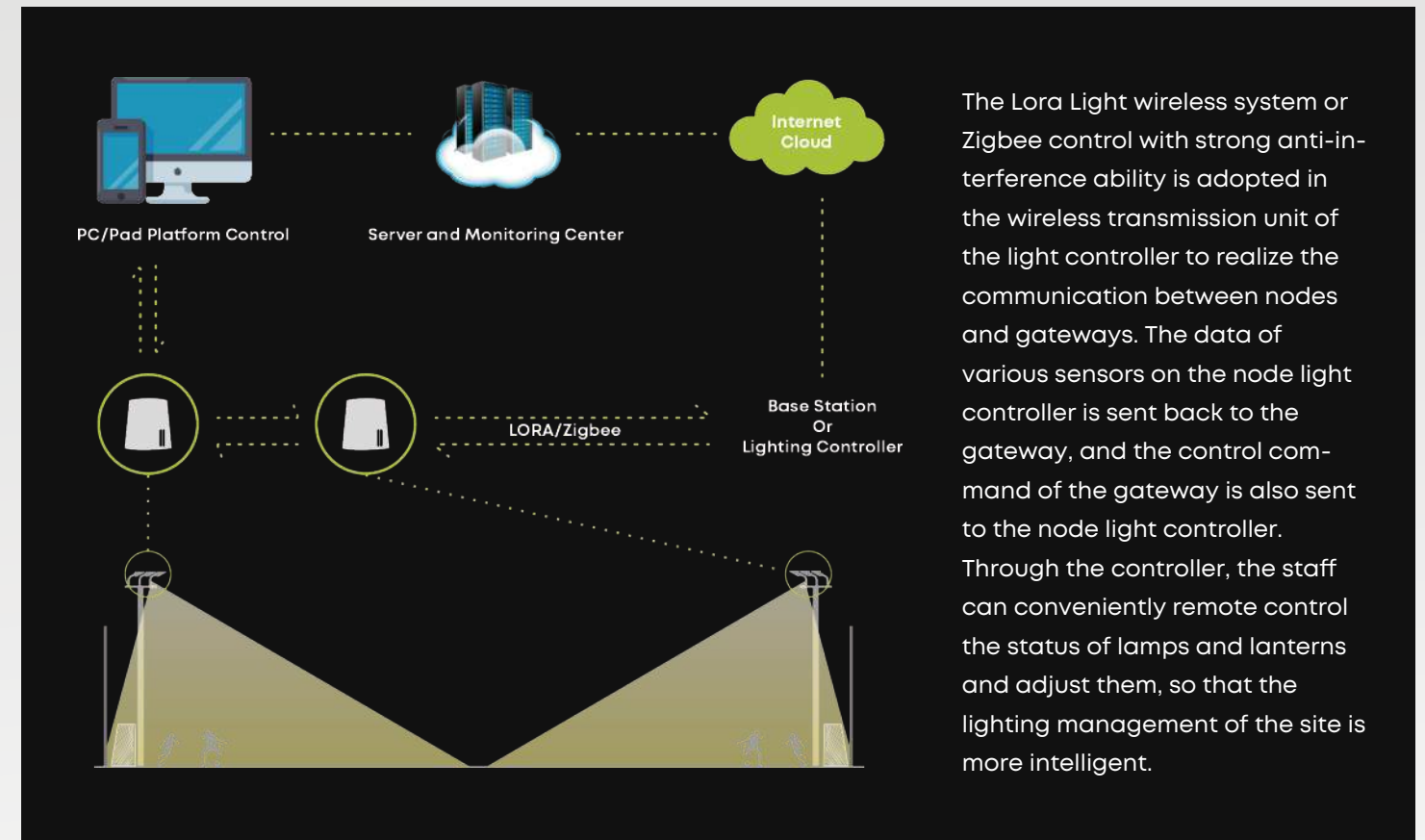


#### 6-mast system

| 4 corner masts and 2 center masts    | ISF 1800W         |                    |
|--------------------------------------|-------------------|--------------------|
|                                      | Lighting class II | Lighting class III |
| Number of luminaires per corner mast | 2PCS              | 1PCS               |
| Number of luminaires per center mast | 2PCS              | 1PCS               |
| Horizontal illuminance Em            | 206 lx            | 106 lx             |
| Uniformity U0 g1                     | 0.70              | 0.70               |
| Toal number of luminaires per field  | 12PCS             | 6PCS               |

Please be aware that the data provided above is for reference only, and it is based on the standards and requirements specified by a customer. It does not serve as a final report. We recommend communicating with our technical team to address your specific situation and needs.


## > Smart Lighting Control











# A New Power of Professional Light



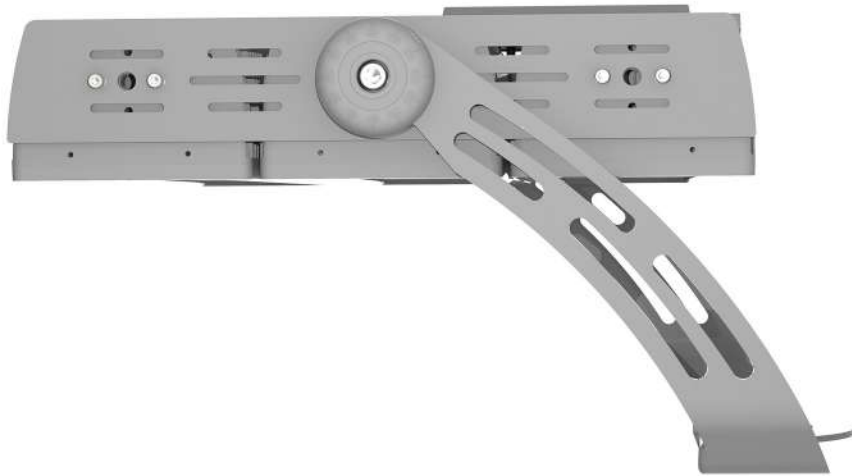

**NO FLICKER ON TV BROADCAST 33fps**

|  |   |   |
|--|---|---|
|  DMX<br>RDM |  <b>D4i</b> |  IP66            |
|  Class I    |  10kV       |  Full Protection |

The 1800W D4i/DMX-RDM power supply breaks free from traditional dimming limitations. It's perfect for various uses, lets you easily switch between two dimming modes, and simplifies SKU management. It can handle strobe functions at speeds up to 33 fps, alternating between full brightness and complete darkness, no afterglow after shut-down.

# A New Form of Green Light

Artificial light can be truly annoying. It can throw both us and nature off balance - The ISF floodlighting offers particularly animals and insects friendly light with 2700K~3000K options to reduce impact on the environment and the entire downstream food chain.



## Environmental Protection Matters



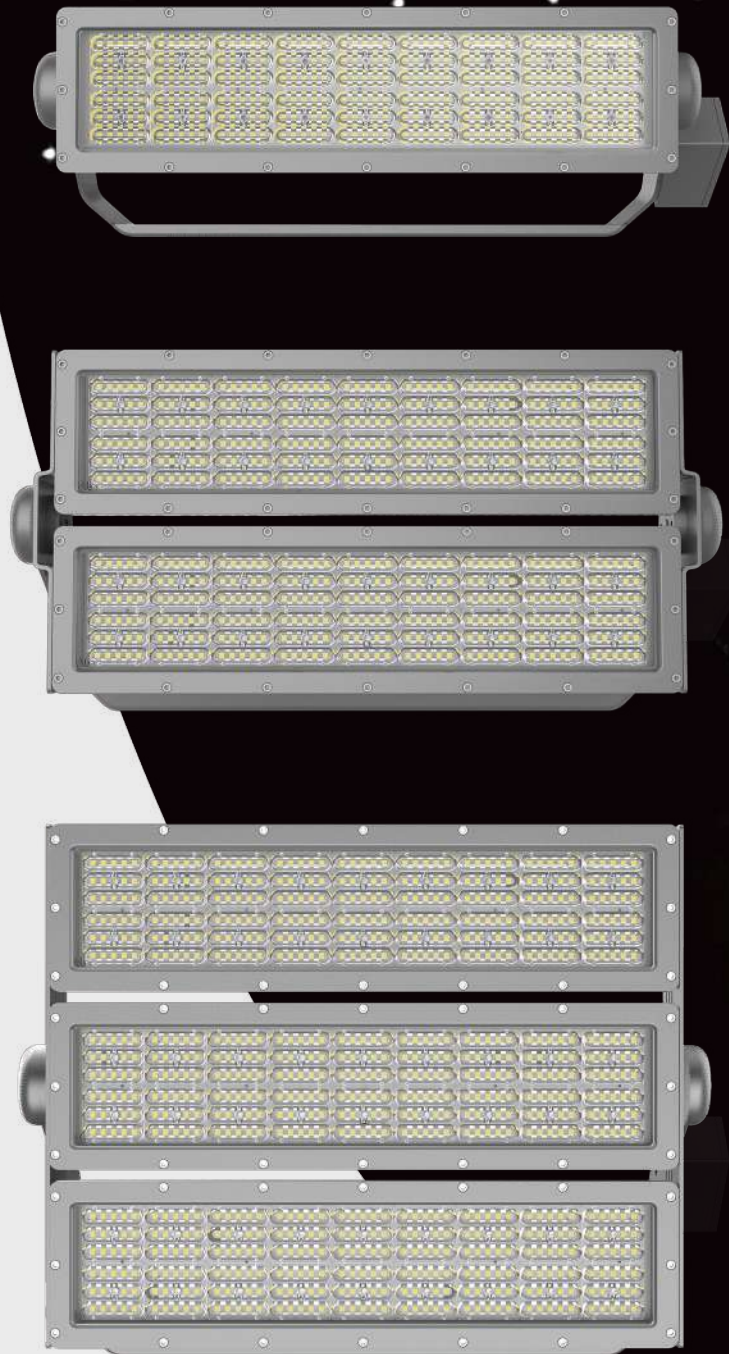
The process of manufacturing and disposing of the product must be taken into consideration. That's why we optimize energy usage and employ a clever modular concept in manufacturing our FSC product, as well as using plastic-free packaging. This is how we define eco-friendly products.



\*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.

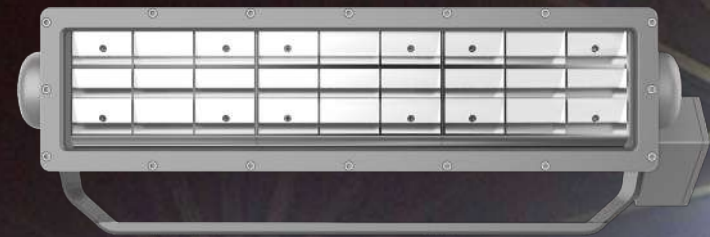


# ► Application Reference





## > Application Reference



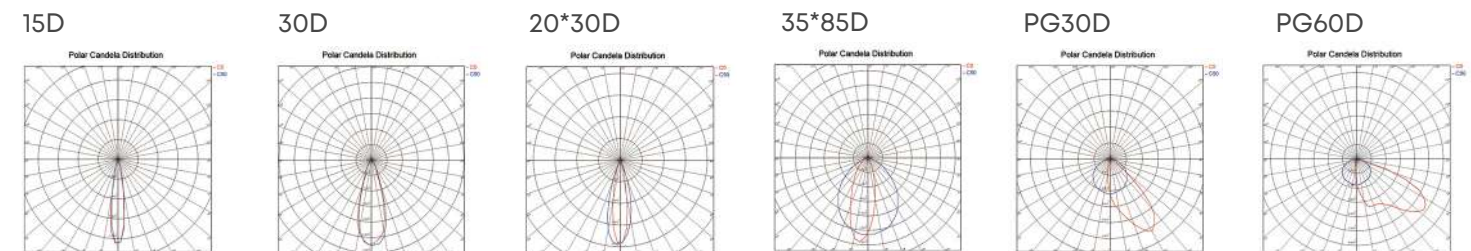


# Parameter Table

| Electrical Data   |  |  |  |  |                         |               |                   |  |
|---|--|--|--|--|-------------------------|---------------|-------------------|--|
| Model   | AOK-400WISF  | AOK-600WISF  | AOK-800WISF  | AOK-1200WISF   | AOK-1500WISF            | AOK-1800WISF  |                   |  |
| Power(W)  | 400W   | 600W   | 800W   | 1200W  | 1500W                   | 1800W         |                   |  |
| Modules   | 1  | 1  | 2  | 2  | 3                       | 3             |                   |  |
| Input voltage   | 100-277V/277-480V, 50/60Hz   |  |  |  |                         |               | 220-400V, 50/60Hz |  |
| THD   |  |  |  |  |                         |               | <20%              |  |
| PF  |  |  |  |  |                         |               | >0.90             |  |
| Control Option  | 0-10V/PWM Timer dimming (Standard), DALI, DMX512 (Optional)  |  |  |  | DALI, DMX512 (Standard) |               |                   |  |
| Ambient temperature   | -40°C to 50°C  | -40°C to 45°C  | -40°C to 50°C  | -40°C to 45°C  | -40°C to 50°C           | -40°C to 45°C |                   |  |
| Driver brand  | Based on the actual project demand   |  |  |  |                         |               |                   |  |
| Surge protection  | 20kV available   |  |  |  |                         |               |                   |  |
| Photometric Data  |  |  |  |  |                         |               |                   |  |
| Efficacy (lm/W, Std. Dev. ±5%)@CCT=4000K, CRI>70Ra                | 15D  | 140lm/W  | 140lm/W  | 140lm/W  | 140lm/W                 | 140lm/W       | 140lm/W           |  |
|   | 35*85D   | 150lm/W  | 150lm/W  | 150lm/W  | 150lm/W                 | 150lm/W       | 150lm/W           |  |
|   | 20*30D   | 140lm/W  | 140lm/W  | 140lm/W  | 140lm/W                 | 140lm/W       | 140lm/W           |  |
|   | 30D  | 150lm/W  | 150lm/W  | 150lm/W  | 150lm/W                 | 150lm/W       | 150lm/W           |  |
|   | PG30D  | 140lm/W  | 140lm/W  | 140lm/W  | 140lm/W                 | 140lm/W       | 140lm/W           |  |
|   | PG60D  | 140lm/W  | 140lm/W  | 140lm/W  | 140lm/W                 | 140lm/W       | 140lm/W           |  |
| Luminous flux (lm, Std. Dev. ±5%)@CCT=4000K, CRI>70Ra             | 15D  | 56000lm  | 84000lm  | 112000lm   | 168000lm                | 210000lm      | 252000lm          |  |
|   | 35*85D   | 60000lm  | 90000lm  | 120000lm   | 180000lm                | 225000lm      | 270000lm          |  |
|   | 20*30D   | 56000lm  | 84000lm  | 112000lm   | 168000lm                | 210000lm      | 252000lm          |  |
|   | 30D  | 60000lm  | 90000lm  | 120000lm   | 180000lm                | 225000lm      | 270000lm          |  |
|   | PG30D  | 56000lm  | 84000lm  | 112000lm   | 168000lm                | 210000lm      | 252000lm          |  |
|   | PG60D  | 56000lm  | 84000lm  | 112000lm   | 168000lm                | 210000lm      | 252000lm          |  |
| Efficacy (lm/W, Std. Dev. ±5%)@CCT=4000K, CRI>70Ra, with visor    | 15D  | 125lm/W  | 125lm/W  | 125lm/W  | 125lm/W                 | 125lm/W       | 125lm/W           |  |
|   | 35*85D   | 135lm/W  | 135lm/W  | 135lm/W  | 135lm/W                 | 135lm/W       | 135lm/W           |  |
|   | 20*30D   | 125lm/W  | 125lm/W  | 125lm/W  | 125lm/W                 | 125lm/W       | 125lm/W           |  |
|   | 30D  | 135lm/W  | 135lm/W  | 135lm/W  | 135lm/W                 | 135lm/W       | 135lm/W           |  |
|   | PG30D  | /  | /  | /  | /                       | /             | /                 |  |
|   | PG60D  | /  | /  | /  | /                       | /             | /                 |  |
| Luminous flux (lm, Std. Dev. ±5%)@CCT=4000K, CRI>70Ra, with visor | 15D  | 50000lm  | 75000lm  | 100000lm   | 150000lm                | 187500lm      | 225000lm          |  |
|   | 35*85D   | 54000lm  | 81000lm  | 108000lm   | 162000lm                | 202500lm      | 243000lm          |  |
|   | 20*30D   | 50000lm  | 75000lm  | 100000lm   | 150000lm                | 187500lm      | 225000lm          |  |
|   | 30D  | 54000lm  | 81000lm  | 108000lm   | 162000lm                | 202500lm      | 243000lm          |  |
|   | PG30D  | /  | /  | /  | /                       | /             | /                 |  |
|   | PG60D  | /  | /  | /  | /                       | /             | /                 |  |
| ULOR  | = 0%, @ Luminaire inclination 0°   |  |  |  |                         |               |                   |  |
| CCT   | 2700K, 3000K, 4000K, 5000K, 5700K  |  |  |  |                         |               |                   |  |
| CRI   | Ra70, Ra80, Ra90   |  |  |  |                         |               |                   |  |
| Beam angle  | 15D/20*30D/30D/35*85D/PG30D/PG60D  |  |  |  |                         |               |                   |  |
| Mechanical Data   |  |  |  |  |                         |               |                   |  |
| IP/IK   | IP66/IK08, according to standard EN 60529 and EN 62262   |  |  |  |                         |               |                   |  |
| Vibration resistance  | 3G, conform to standard IEC 68-2-6.  |  |  |  |                         |               |                   |  |
| SCx (EPA)   | Type-A   | Top view: 0.11m <sup>2</sup> (1.20ft <sup>2</sup> )<br>Front view: 0.06m <sup>2</sup> (0.63ft <sup>2</sup> ) | Top view: 0.21m <sup>2</sup> (2.31ft <sup>2</sup> )<br>Front view: 0.06m <sup>2</sup> (0.63ft <sup>2</sup> ) | Top view: 0.32m <sup>2</sup> (3.39ft <sup>2</sup> )<br>Front view: 0.06m <sup>2</sup> (0.63ft <sup>2</sup> ) |                         |               |                   |  |
|   | Type-AV (With Visor)   | Top view: 0.39m <sup>2</sup> (4.22ft <sup>2</sup> )<br>Front view: 0.11m <sup>2</sup> (1.20ft <sup>2</sup> ) | Top view: 0.45m <sup>2</sup> (4.80ft <sup>2</sup> )<br>Front view: 0.21m <sup>2</sup> (2.31ft <sup>2</sup> ) | Top view: 0.51m <sup>2</sup> (5.45ft <sup>2</sup> )<br>Front view: 0.32m <sup>2</sup> (3.39ft <sup>2</sup> ) |                         |               |                   |  |
|   | Type-C   | Top view: 0.07m <sup>2</sup> (0.75ft <sup>2</sup> )<br>Front view: 0.1m <sup>2</sup> (1.08ft <sup>2</sup> )  | Top view: 0.07m <sup>2</sup> (0.75ft <sup>2</sup> )<br>Front view: 0.2m <sup>2</sup> (2.19ft <sup>2</sup> )  | to be updated  |                         |               |                   |  |
|   | Type-CV (With Visor)   | Top view: 0.4m <sup>2</sup> (4.34ft <sup>2</sup> )<br>Front view: 0.1m <sup>2</sup> (1.08ft <sup>2</sup> )   | Top view: 0.5m <sup>2</sup> (5.39ft <sup>2</sup> )<br>Front view: 0.2m <sup>2</sup> (2.19ft <sup>2</sup> )   | to be updated  |                         |               |                   |  |
|   | Type-B   | Top view: 0.1m <sup>2</sup> (1.11ft <sup>2</sup> )<br>Front view: 0.13m <sup>2</sup> (1.39ft <sup>2</sup> )  | Top view: 0.11m <sup>2</sup> (1.20ft <sup>2</sup> )<br>Front view: 0.23m <sup>2</sup> (2.45ft <sup>2</sup> ) | Top view: 0.12m <sup>2</sup> (1.26ft <sup>2</sup> )<br>Front view: 0.32m <sup>2</sup> (3.44ft <sup>2</sup> ) |                         |               |                   |  |
|   | Type-BV (With Visor)   | Top view: 0.44m <sup>2</sup> (4.71ft <sup>2</sup> )<br>Front view: 0.13m <sup>2</sup> (1.39ft <sup>2</sup> ) | Top view: 0.11m <sup>2</sup> (1.20ft <sup>2</sup> )<br>Front view: 0.5m <sup>2</sup> (5.41ft <sup>2</sup> )  | Top view: 0.56m <sup>2</sup> (6.07ft <sup>2</sup> )<br>Front view: 0.32m <sup>2</sup> (3.44ft <sup>2</sup> ) |                         |               |                   |  |
|   | Type-Bx (Driver fixed)   | Top view: 0.18m <sup>2</sup> (1.98ft <sup>2</sup> )<br>Front view: 0.14m <sup>2</sup> (1.50ft <sup>2</sup> ) | Top view: 0.2m <sup>2</sup> (2.14ft <sup>2</sup> )<br>Front view: 0.23m <sup>2</sup> (2.45ft <sup>2</sup> )  | Top view: 0.24m <sup>2</sup> (2.55ft <sup>2</sup> )<br>Front view: 0.32m <sup>2</sup> (3.44ft <sup>2</sup> ) |                         |               |                   |  |
|   | Type-BxV (With Visor and driver fixed)   | Top view: 0.52m <sup>2</sup> (5.57ft <sup>2</sup> )<br>Front view: 0.14m <sup>2</sup> (1.50ft <sup>2</sup> ) | Top view: 0.59m <sup>2</sup> (6.33ft <sup>2</sup> )<br>Front view: 0.23m <sup>2</sup> (2.45ft <sup>2</sup> ) | Top view: 0.68m <sup>2</sup> (7.37ft <sup>2</sup> )<br>Front view: 0.32m <sup>2</sup> (3.44ft <sup>2</sup> ) |                         |               |                   |  |
|   | Housing/Materials  | Heavy-duty die-cast aluminum (EN AC-46100)   |  |  |                         |               |                   |  |
| Surface treatment   | Anti-UV thermosetting polyester/80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments). |  |  |  |                         |               |                   |  |
| Painting  | Black, Silver Grey, Customized Color   |  |  |  |                         |               |                   |  |
| Cable   | Pre-wired with a 30 cm cable (Other lengths on request)  |  |  |  |                         |               |                   |  |
| Mounting  | TYPE-A(V) (Top-fixed I) , TYPE-B(V) (Yoke Mount) , TYPE-Bx(V) (Driver fixed) , TYPE-C(V) (Top-fixed II)                          |  |  |  |                         |               |                   |  |
| LED   |  |  |  |  |                         |               |                   |  |
| LED Manufacturer  | Seoul (CREE/LUMILEDS Optional)   |  |  |  |                         |               |                   |  |
| LED model   | Seoul 5050/Seoul Z5M4 3535   |  |  |  |                         |               |                   |  |
| Working current of single LED                                     | 15D(S35Z5M4)   | 75mA   | 765mA  | 755mA  | 742mA                   | 780mA         | 775mA             |  |
|   | 35*85D(S050)   | 375mA  | 383mA  | 375mA  | 370mA                   | 385mA         | 385mA             |  |
|   | 20*30D(S35Z5M4)  | 755mA  | 765mA  | 755mA  | 742mA                   | 780mA         | 775mA             |  |
|   | 30D(S050)  | 375mA  | 383mA  | 375mA  | 370mA                   | 385mA         | 385mA             |  |
|   | PG30D(S050)  | 352mA  | 350mA  | 352mA  | 350mA                   | 360mA         | 358mA             |  |
|   | PG60D(S050)  | 352mA  | 350mA  | 352mA  | 350mA                   | 360mA         | 358mA             |  |
| Lens  | Polycarbonate + Tempered Glass (≈5 mm thick)   |  |  |  |                         |               |                   |  |

| Electrical Data  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
| Model  | AOK-400WISF   | AOK-600WISF   | AOK-800WISF   | AOK-1200WISF  | AOK-1500WISF  | AOK-1800WISF  |   |
| Other Data   |   |   |   |   |   |   |   |
| Lifespan   | L90B10 > 100000hrs, @Ta 25°C  |   |   |   |   |   |   |
| Warranty   | 5 years in standard, 10 years optional  |   |   |   |   |   |   |
| Certification  | ROHS/CE/CB/ENEC For other certificates please request   |   |   |   |   |   |   |
| Product size   | Type-A  | L599.2*W391.5*H155mm/23.6*15.4*6.1 inches             |   | L607.2*W561.4*H155mm/23.9*22.1*6.1 inches             |   | L607.2*W731.4*H155mm/23.9*28.8*6.1 inches             |   |
|  | Type-AV (With Visor)  | L603.0*W697.0*H393.4mm/23.7*27.4*15.5 inches          |   | L603.0*W789.0*H393.4mm/23.7*31.5*22.2 inches          |   | L603.0*W889.0*H393.4mm/23.7*35.2*28.9 inches          |   |
|  | Type-C  | L599.2*W365.2*H165mm/23.6*14.4*6.5 inches             |   | L607.2*W397.9*H335.0mm/23.9*15.7*13.2 inches          |   |   |   |
|  | Type-CV (With Visor)  | L603.0*W918.8*H165mm/23.7*36.2*6.5 inches             |   | L1041.4*W1041.4*H335.0mm/41*41*13.2 inches            |   |   |   |
|  | Type-B  | L704.3*W281.0*H242.5mm/27.7*11.1*9.5 inches           |   | L704.7*W355.5*H368.7mm/27.7*13.2*14.5 inches          |   | L674.9*W417.9*H523.8mm/26.6*16.5*20.6 inches          |   |
|  | Type-BV (With Visor)  | L704.3*W834.5*H244.4mm/27.7*32.9*9.6 inches           |   | L704.7*W999.0*H370.7mm/27.7*39.3*14.6 inches          |   | L674.9*W1161.4*H523.8mm/26.6*45.7*20.7 inches         |   |
|  | Type-Bx (Driver fixed)  | L666.7*W491.2*H242.5mm/26.2*19.3*9.5 inches           |   | L704.7*W561.8*H368.7mm/27.7*22.1*14.5 inches          |   | L674.9*W634.9*H523.8mm/26.6*25.0*20.6 inches          |   |
|  | Type-BxV (With Visor and driver fixed)  | L666.7*W1044.7*H244.4mm/26.2*41.1*9.6 inches          |   | L704.7*W1205.3*H370.7mm/27.7*47.5*14.6 inches         |   | L674.9*W1378.4*H523.8mm/26.6*54.3*20.7 inches         |   |
|  | Net weight  | Type-A  | 13.2kg (29.1 lbs) / 16.3kg (35.9 lbs)-Driver included |   | 22.3kg (49.2 lbs) / 26.4kg (58.2 lbs)-Driver included |   | 30.9kg (68.1 lbs) / 36.9kg (81.4 lbs)-Driver included |
| Type-AV (With Visor)   |   | 16kg (35.3 lbs) / 19kg (41.9 lbs)-Driver included     |   | 26.2kg (57.8 lbs) / 30.1kg (66.4 lbs)-Driver included |   | 36.4kg (80.2 lbs) / 42.5kg (93.7 lbs)-Driver included |   |
| Type-C   |   | 11.1kg (24.5 lbs) / 14kg (30.9 lbs)-Driver included   |   | 20.7kg (45.6 lbs) / 24.6kg (54.2 lbs)-Driver included |   |   |   |
| Type-CV (With Visor)   |   | 13.9kg (30.6 lbs) / 16.8kg (37.0 lbs)-Driver included |   | 24.6kg (54.2 lbs) / 28.5kg (62.8 lbs)-Driver included |   |   |   |
| Type-B   |   | 12.8kg (28.2 lbs) / 15.9kg (35.1 lbs)-Driver included |   | 23.5kg (51.8 lbs) / 26.9kg (59.3 lbs)-Driver included |   | 31.1kg (68.6 lbs) / 37.2kg (82.0 lbs)-Driver included |   |
| Type-BV (With Visor)   |   | 15.6kg (34.4 lbs) / 18.7kg (41.2 lbs)-Driver included |   | 27.2kg (60.0 lbs) / 30.8kg (67.9 lbs)-Driver included |   | 36.6kg (80.7 lbs) / 42.7kg (94.1 lbs)-Driver included |   |
| Type-Bx (Driver fixed)   |   | 21.1kg (46.5 lbs) -Driverbox included                 |   | 32.5kg (71.7 lbs) -Driverbox included                 |   | 41.4kg (91.3 lbs)                                     |   |
| Type-BxV (With Visor and driver fixed)   |   | 23.9kg (52.7 lbs) -Driverbox included                 |   | 36.3kg (80.0 lbs) -Driverbox included                 |   | 46.9kg (103.4 lbs)                                    |   |
| Gross weight   |   | Type-A  | 15.2kg (33.5 lbs) / 18.3kg (40.3 lbs)-Driver included |   | 24.3kg (53.6 lbs) / 28.4kg (62.6 lbs)-Driver included |   | 32.9kg (72.5 lbs) / 38.9kg (85.8 lbs)-Driver included |
|  | Type-AV (With Visor)  | 18.2kg (40.1 lbs) / 21.5kg (47.4 lbs)-Driver included |   | 28.7kg (63.3 lbs) / 32.6kg (71.7 lbs)-Driver included |   | 38.4kg (84.7 lbs) / 44.5kg (98.1 lbs)-Driver included |   |
|  | Type-C  | 13.1kg (28.9 lbs) / 16kg (35.3 lbs)-Driver included   |   | 22.7kg (50.0 lbs) / 26.6kg (58.6 lbs)-Driver included |   |   |   |
|  | Type-CV (With Visor)  | 15.6kg (34.4 lbs) / 19.3kg (42.5 lbs)-Driver included |   | 27.1kg (59.7 lbs) / 31kg (68.3 lbs)-Driver included   |   |   |   |
|  | Type-B  | 14.8kg (32.6 lbs) / 17.9kg (39.4 lbs)-Driver included |   | 26kg (57.3 lbs) / 29.4kg (64.8 lbs)-Driver included   |   | 33.1kg (73.0 lbs) / 39.2kg (86.4 lbs)-Driver included |   |
|  | Type-BV (With Visor)  | 18.1kg (39.9 lbs) / 21.4kg (47.2 lbs)-Driver included |   | 30.2kg (66.6 lbs) / 33.8kg (74.5 lbs)-Driver included |   | 38.6kg (85.1 lbs) / 44.7kg (98.5 lbs)-Driver included |   |
|  | Type-Bx (Driver fixed)  | 23.1kg (50.9 lbs) -Driverbox included                 |   | 35kg (77.2 lbs) -Driverbox included                   |   | 43.4kg (95.7 lbs)                                     |   |
|  | Type-BxV (With Visor and driver fixed)  | 26.4kg (58.2 lbs) -Driverbox included                 |   | 39.3kg (86.6 lbs) -Driverbox included                 |   | 48.9kg (107.8 lbs)                                    |   |
|  | Carton size   | Type-A  | L660*W525*H190mm/25.98*20.67*7.48 inches              |   | L690*W690*H190mm/27.17*27.17*7.48 inches              |   | L960*W690*H200mm/37.80*27.17*7.87 inches              |
| Type-AV (With Visor)   |   | L670*W620*H215mm/26.38*24.41*8.46 inches              |   | L725*W590*H375mm/28.54*23.23*14.76 inches             |   | L960*W690*H200mm/37.80*27.17*7.87 inches              |   |
| Type-C   |   | L660*W460*H215mm/25.98*18.11*8.46 inches              |   | L885*W430*H420/26.97*16.93*16.54 inches               |   | L840*W710*H555mm (Visor) / 33.07*27.95*21.85 inches   |   |
| Type-CV (With Visor)   |   | L670*W625*H235mm/26.38*24.61*9.25 inches              |   | L730*W620*H440/28.74*24.41*17.32 inches               |   |   |   |
| Type-B   |   | L720*W610*H195mm/28.35*24.02*7.68 inches              |   | L775*W775*H195mm/30.51*30.51*7.68 inches              |   | L920*W740*H200mm/36.22*29.13*7.87 inches              |   |
| Type-Bx (Driver fixed)   |   | L720*W610*H195mm/28.35*24.02*7.68 inches              |   | L775*W775*H195mm/30.51*30.51*7.68 inches              |   | L840*W710*H555mm (Visor) / 33.07*27.95*21.85 inches   |   |
| Type-BV (With Visor)   |   | L735*W625*H220/28.94*24.61*8.66 inches                |   | L760*W625*H370mm/29.92*24.61*14.57 inches             |   | L920*W740*H200mm/36.22*29.13*7.87 inches              |   |
| Type-BxV (With Visor and driver fixed)   |   | L735*W625*H220/28.94*24.61*8.66 inches                |   | L760*W625*H370mm/29.92*24.61*14.57 inches             |   | L840*W710*H555mm (Visor) / 33.07*27.95*21.85 inches   |   |
| Note: Three module lamps and Visors are packed separately, two Visors in one box |   |   |   |   |   |   |   |
| Application field  | Suitable for stadium, sports field, port, railway station   |   |   |   |   |   |   |
| Important note!  | The provided information is solely for reference; the official measurement report holds higher authority. |   |   |   |   |   |   |

## Photometrics



## Ordering Information

| AOK-     | WATTS        | VOLTAGE        | LED CHIPS         | TYPE OF SENSOR   | CCT&CRI     | DISTRIBUTION                    | MOUNT          | COLOR                     | Accessories & Control |
|----------|--------------|----------------|-------------------|------------------|-------------|---------------------------------|----------------|---------------------------|-----------------------|
| 400WISF  | NV1=100-277V | S5=Seoul 5050  | 00=Without Sensor | 2770=2700K 70CRI | 15=15D      | TYPE-A=Top-fixed I              | SG=Silver gray | SPD 10kV, 20kV optional   |                       |
| 600WISF  | HV1=277-480V | S35=Seoul 3535 | PH=Photocell      | 3070=3000K 70CRI | 3585=35*85D | TYPE-AV=Top-fixed I with Visor  | BK=Black       | DALI, DMX512, Nema, Zhaga |                       |
| 800WISF  | HV2=220-400V |                | DV=Dimmable       | 4070=4000K 70CRI | 2030=20*30D | TYPE-B=Yoke mount               | Custom request | Light visor optional      |                       |
| 1200WISF |              |                |                   | 5070=5000K 70CRI | 30=30D      | TYPE-BV=Yoke mount with Visor   |                |                           |                       |
| 1500WISF |              |                |                   | 5770=5700K 70CRI | PG30=PG30D  | TYPE-BX=Driver fixed            |                |                           |                       |
| 1800WISF |              |                |                   | 2780=2700K 80CRI | PG60=PG60D  | TYPE-BxV=Driver fixed and Visor |                |                           |                       |
|          |              |                |                   | 3080=3000K 80CRI |             | TYPE-C=Top-fixed II             |                |                           |                       |
|          |              |                |                   | 4080=4000K 80CRI |             | TYPE-CV=Top-fixed II with Visor |                |                           |                       |
|          |              |                |                   | 5080=5000K 80CRI |             |                                 |                |                           |                       |
|          |              |                |                   | 5780=5700K 80CRI |             |                                 |                |                           |                       |

\*HV2 is for 1500W-1800W. The above voltage input is the standard default parameter for certificate. Due to different standards in different countries, please confirm the actual local demand first. The power supply of the product can be customized flexibly.  
 XXD: Visor Optional, PGXXD: Without Visor Only, XXD indicates light distribution. For example: ISF 3585=35\*85D, ISF PG30D=PG30D

Type A Bracket No.: Module\*1: 1000-00398; Module\*2: 1000-00399; Module\*3: Pls inquire; Type B Bracket No.: Module\*1: 1000-00397; Module\*2: 1000-00400; Module\*3: 1000-00401;

## ISF Series Specification Sheet

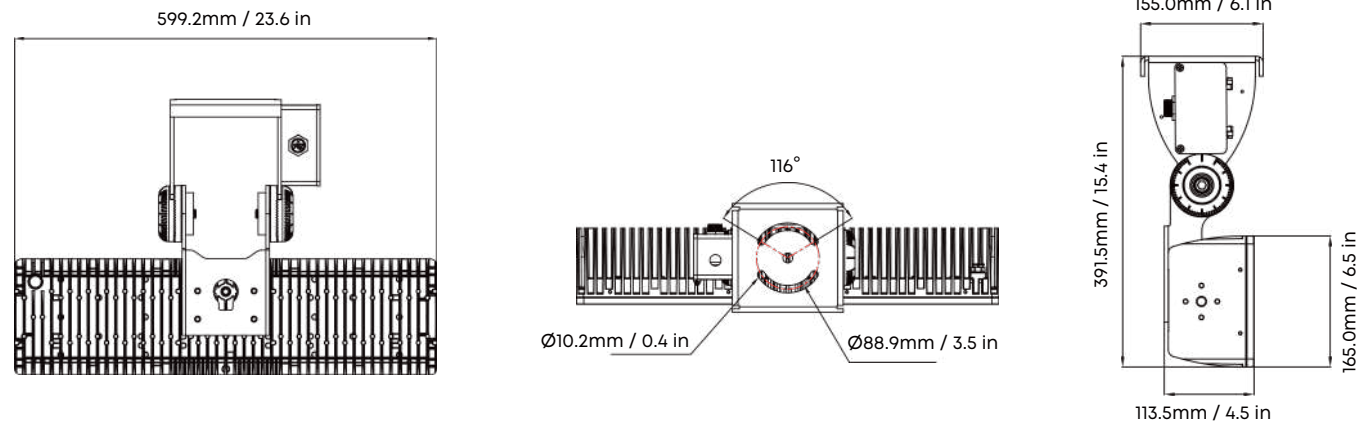
\*Due to the constant improvements in product development, individual parameters might change. Please refer to our sales or R&D team for most up-to-date content as specifications are subject to change without notice.



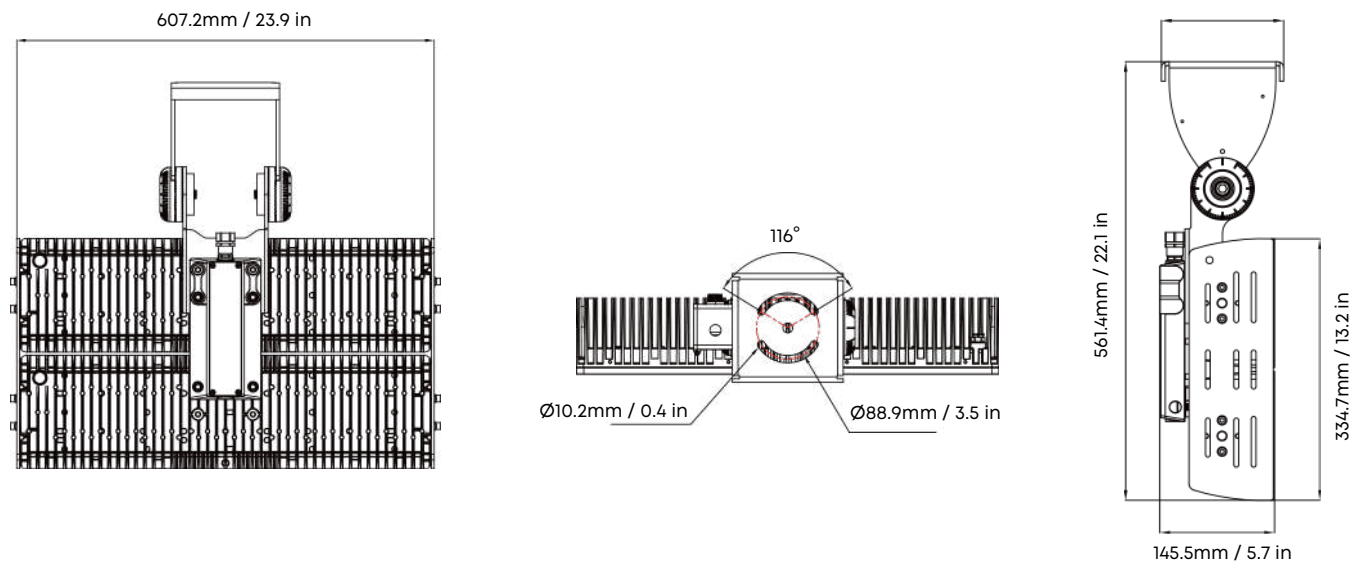
# Dimension

## TYPE-A: Top Fixed Installation

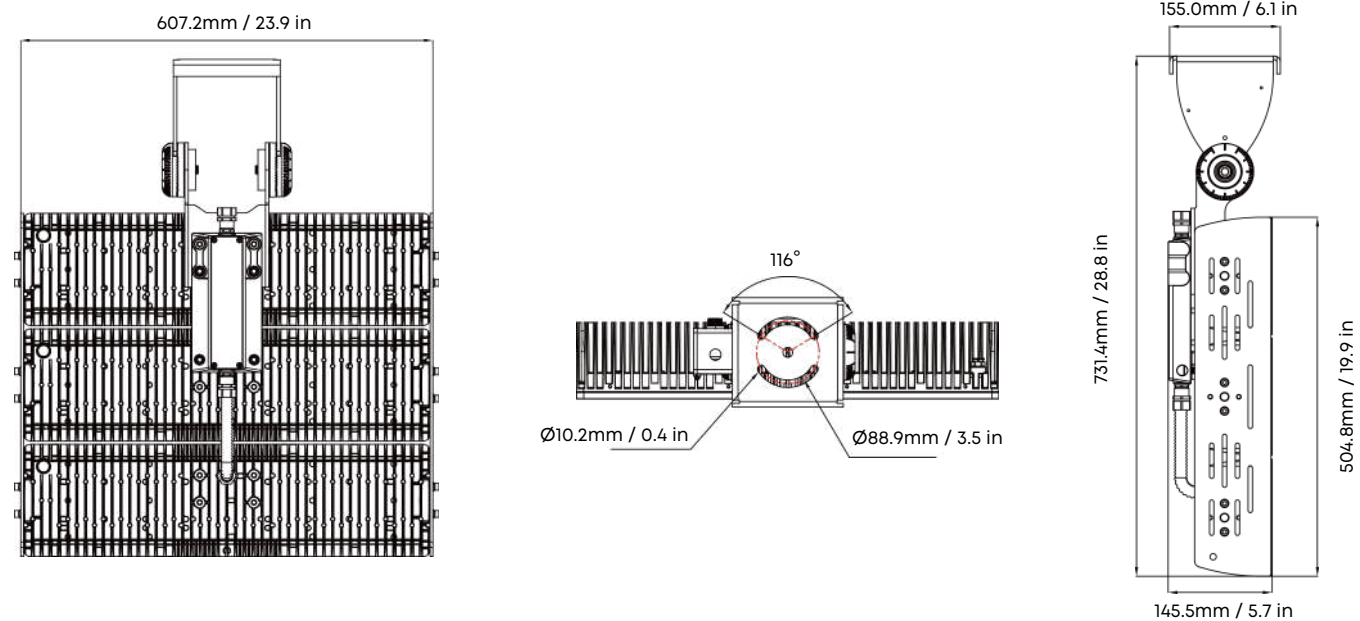
SCx (EPA)@25°:Top view: 0.11m<sup>2</sup> (1.20ft<sup>2</sup>) Front view: 0.06m<sup>2</sup> (0.63ft<sup>2</sup>)



SCx (EPA)@25°:Top view: 0.21m<sup>2</sup> (2.31ft<sup>2</sup>) Front view: 0.06m<sup>2</sup> (0.63ft<sup>2</sup>)

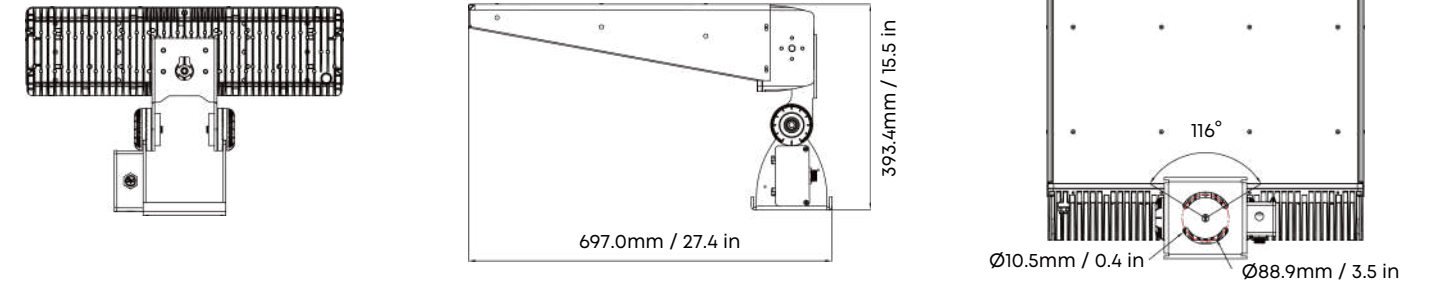


SCx (EPA)@25°:Top view: 0.32m<sup>2</sup> (3.39ft<sup>2</sup>) Front view: 0.06m<sup>2</sup> (0.63ft<sup>2</sup>)

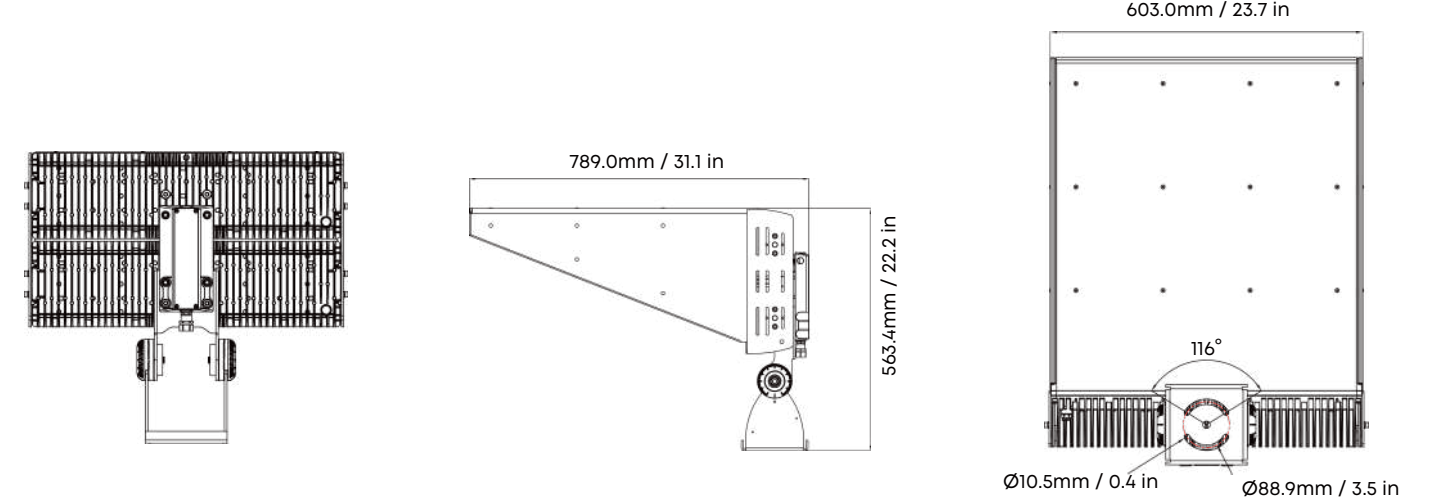


## TYPE-A: Top Fixed Installation (With visor)

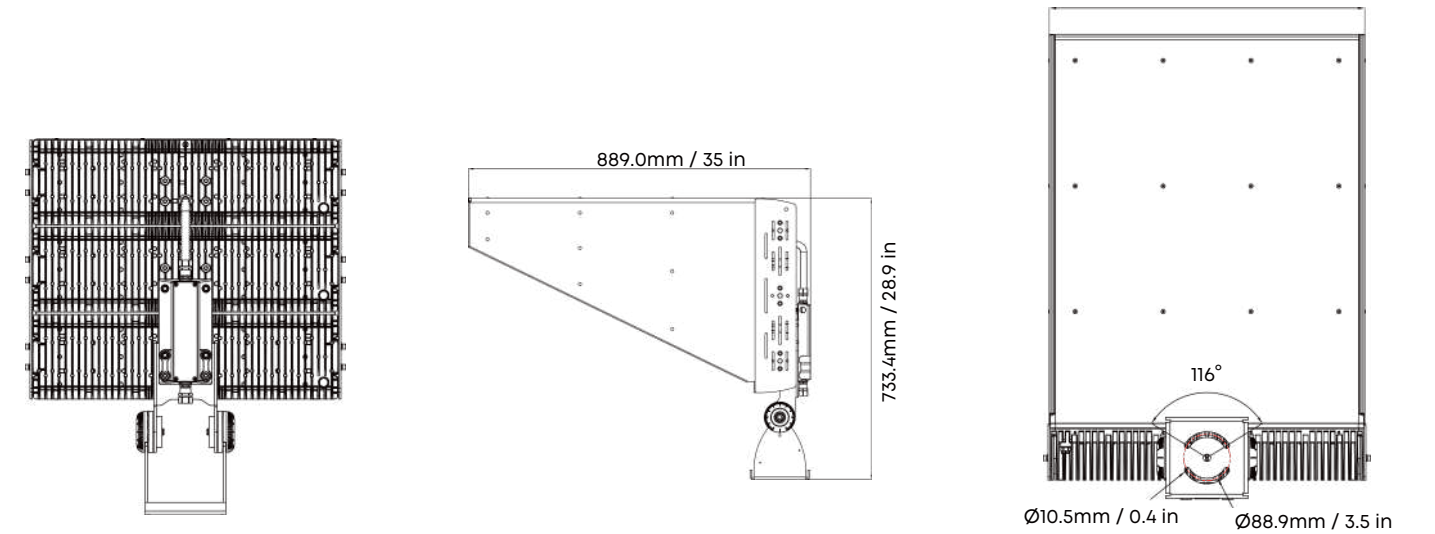
SCx (EPA)@25°:Top view: 0.39m<sup>2</sup> (4.22ft<sup>2</sup>) Front view: 0.11m<sup>2</sup> (1.20ft<sup>2</sup>)



SCx (EPA)@25°:Top view: 0.45m<sup>2</sup> (4.80ft<sup>2</sup>) Front view: 0.21m<sup>2</sup> (2.31ft<sup>2</sup>)



SCx (EPA)@25°:Top view: 0.51m<sup>2</sup> (5.45ft<sup>2</sup>) Front view: 0.32m<sup>2</sup> (3.39ft<sup>2</sup>)

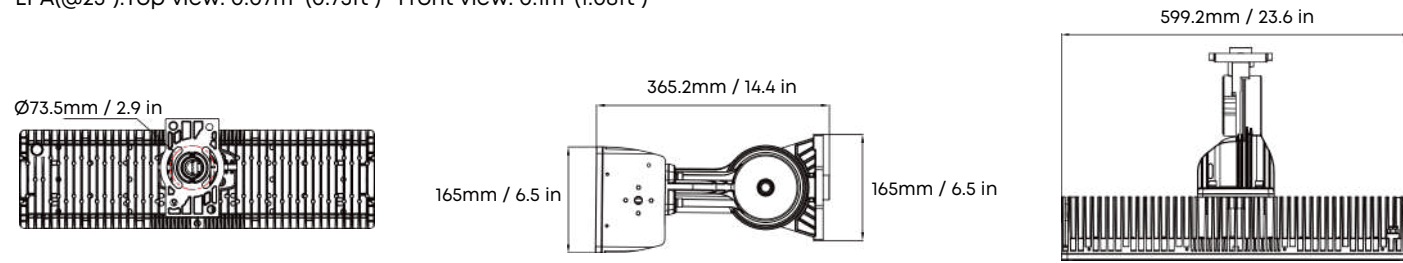




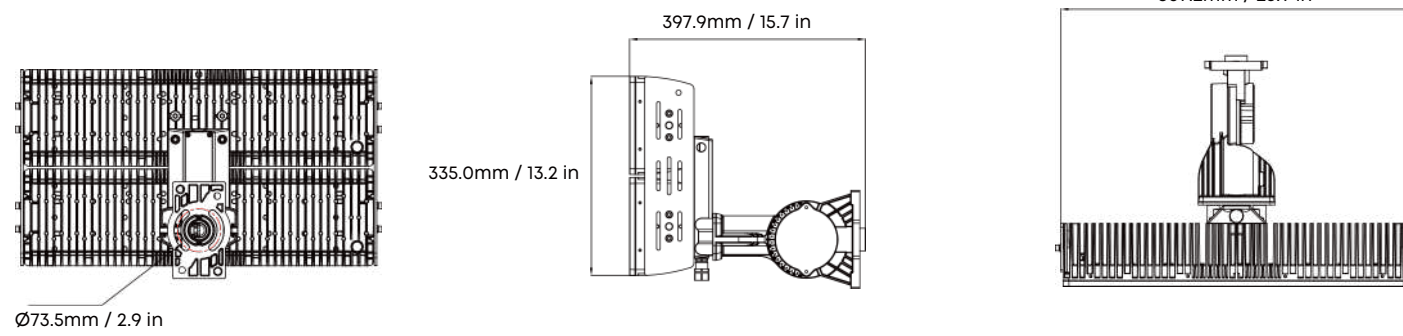
# Dimension

## TYPE-C: Top-fixed II

EPA(@25°):Top view: 0.07m<sup>2</sup> (0.75ft<sup>2</sup>) Front view: 0.1m<sup>2</sup> (1.08ft<sup>2</sup>)

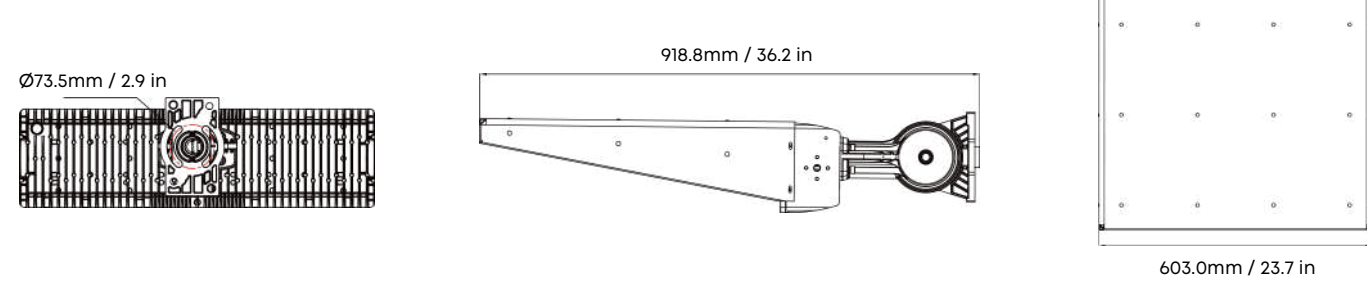


EPA(@25°):Top view: 0.07m<sup>2</sup> (0.75ft<sup>2</sup>) Front view: 0.2m<sup>2</sup> (2.19ft<sup>2</sup>)

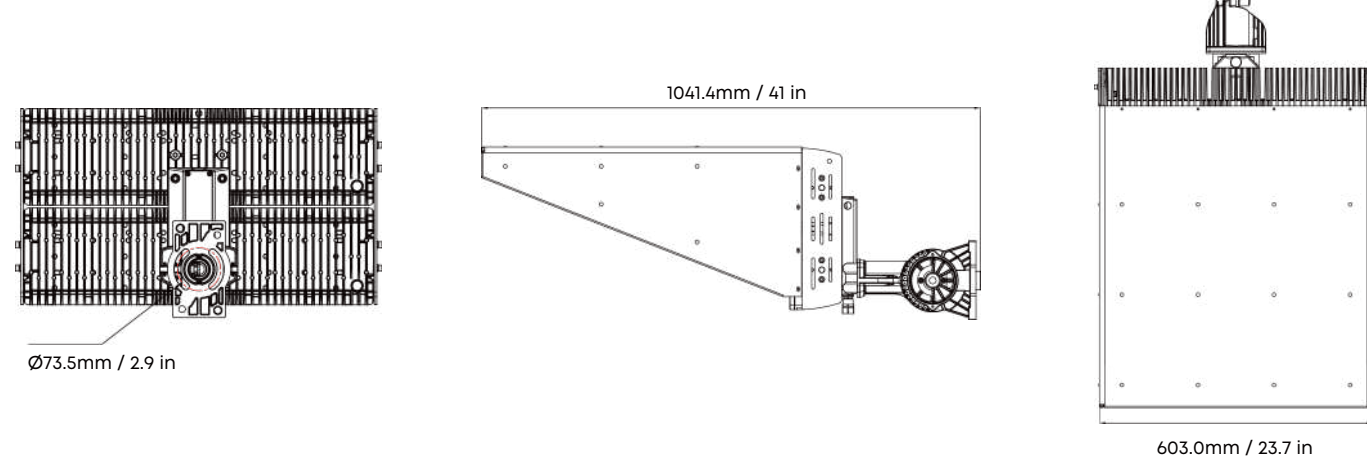


## TYPE-C: Top-fixed II (With visor)

EPA(@25°):Top view: 0.4m<sup>2</sup> (4.34ft<sup>2</sup>) Front view: 0.1m<sup>2</sup> (1.08ft<sup>2</sup>)

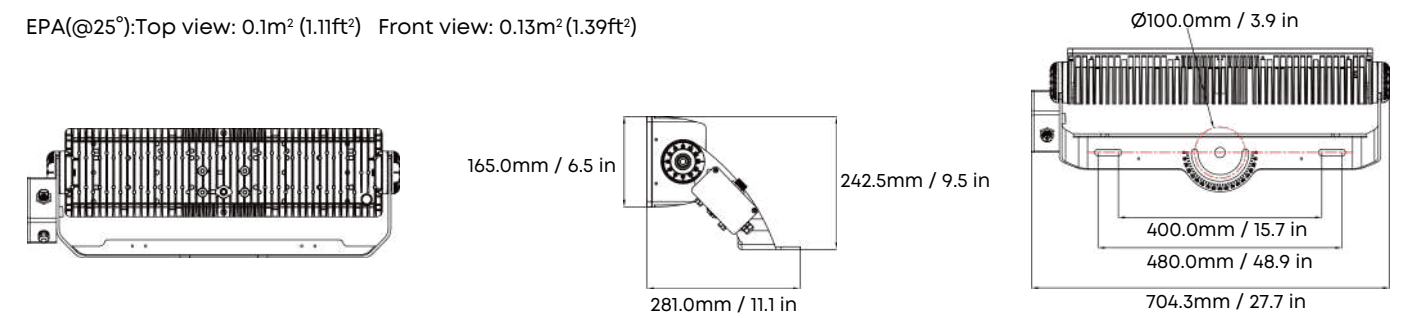


EPA(@25°):Top view: 0.5m<sup>2</sup> (4.98ft<sup>2</sup>) Front view: 0.2m<sup>2</sup> (2.19ft<sup>2</sup>)

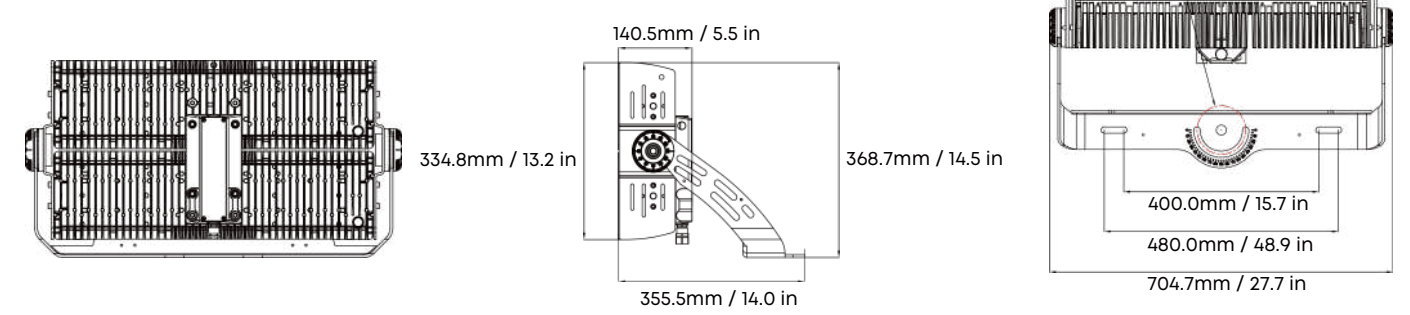


## TYPE-B: Yoke Mount

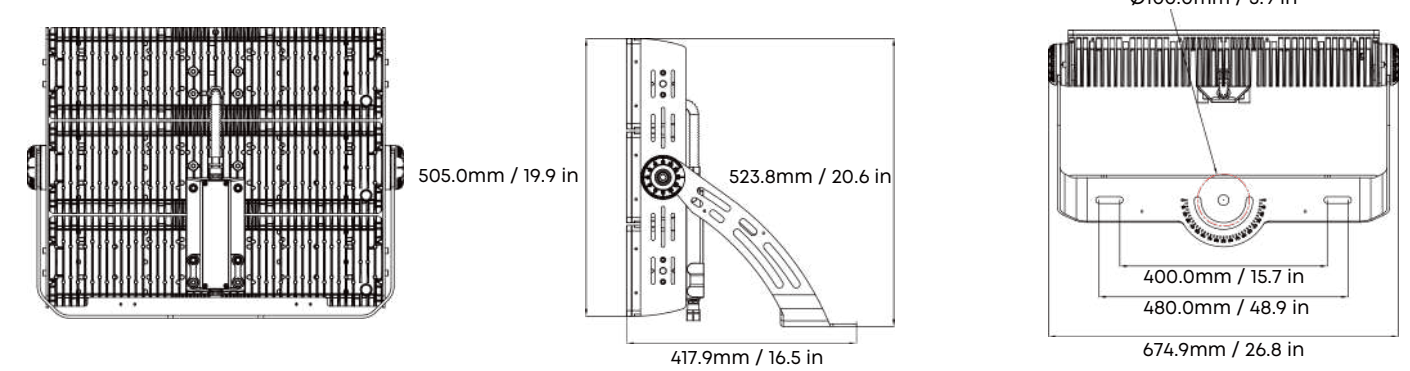
EPA(@25°):Top view: 0.1m<sup>2</sup> (1.11ft<sup>2</sup>) Front view: 0.13m<sup>2</sup> (1.39ft<sup>2</sup>)



EPA(@25°):Top view: 0.11m<sup>2</sup> (1.23ft<sup>2</sup>) Front view: 0.23m<sup>2</sup> (2.45ft<sup>2</sup>)

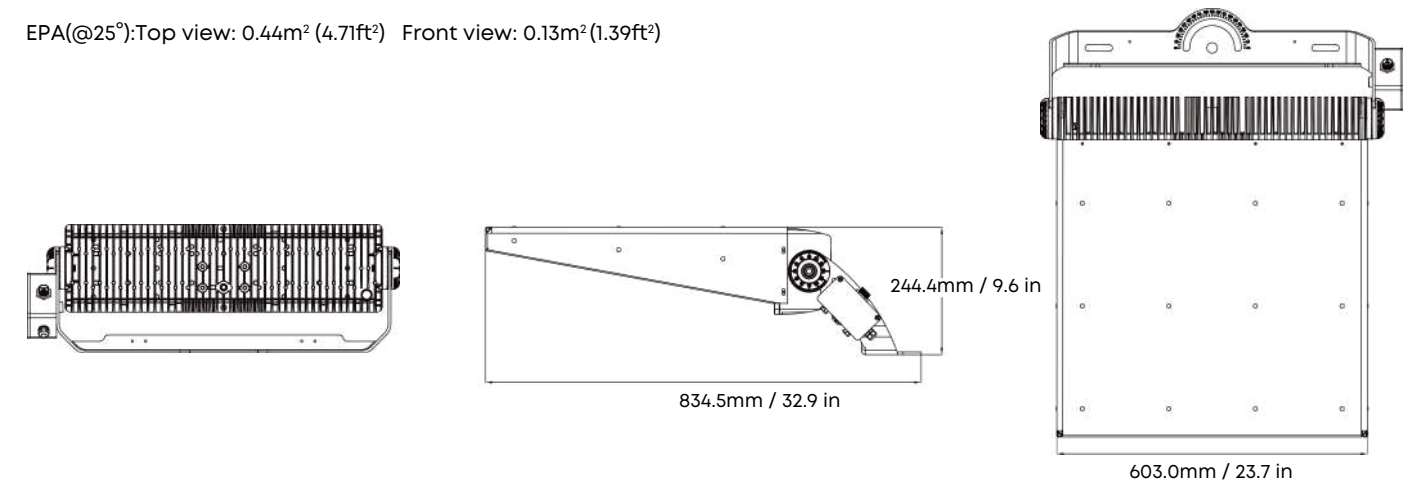


EPA(@25°):Top view: 0.12m<sup>2</sup> (1.26ft<sup>2</sup>) Front view: 0.32m<sup>2</sup> (3.44ft<sup>2</sup>)



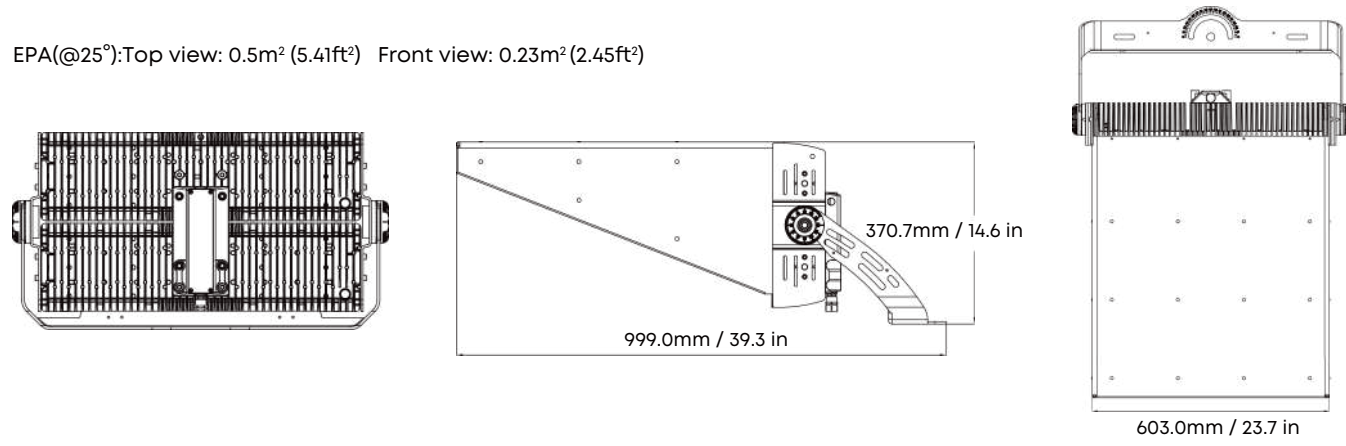
## TYPE-B: Yoke Mount (With Visor)

EPA(@25°):Top view: 0.44m<sup>2</sup> (4.71ft<sup>2</sup>) Front view: 0.13m<sup>2</sup> (1.39ft<sup>2</sup>)

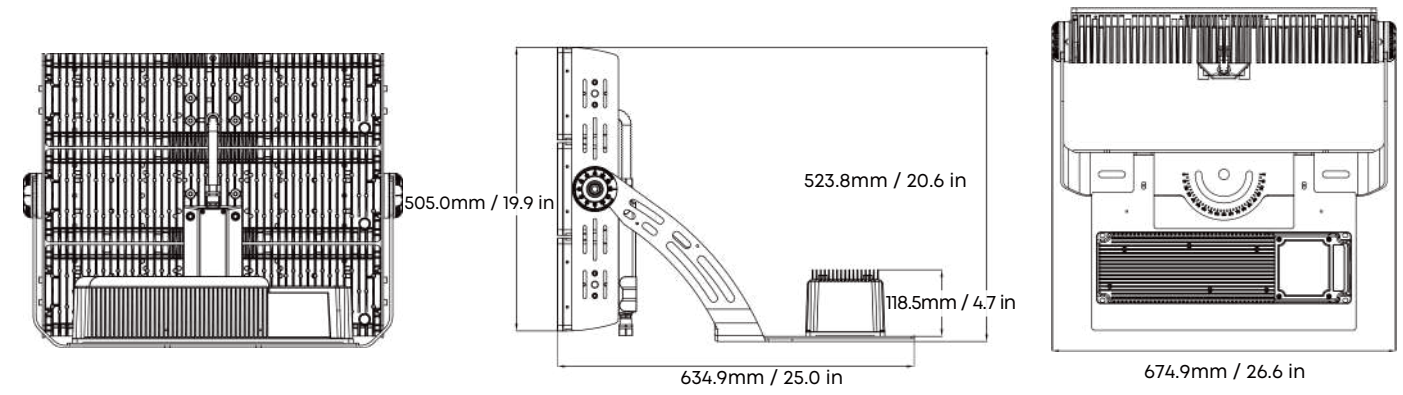




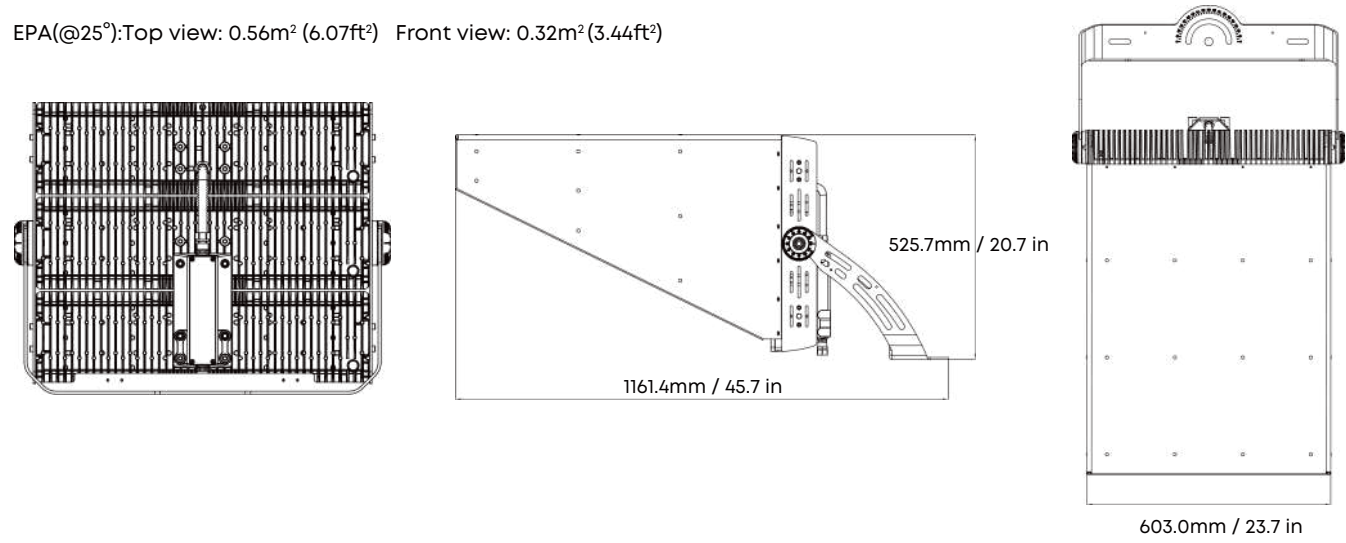
EPA(@25°):Top view: 0.5m<sup>2</sup> (5.41ft<sup>2</sup>) Front view: 0.23m<sup>2</sup> (2.45ft<sup>2</sup>)



EPA(@25°):Top view: 0.24m<sup>2</sup> (2.55ft<sup>2</sup>) Front view: 0.32m<sup>2</sup> (3.44ft<sup>2</sup>)

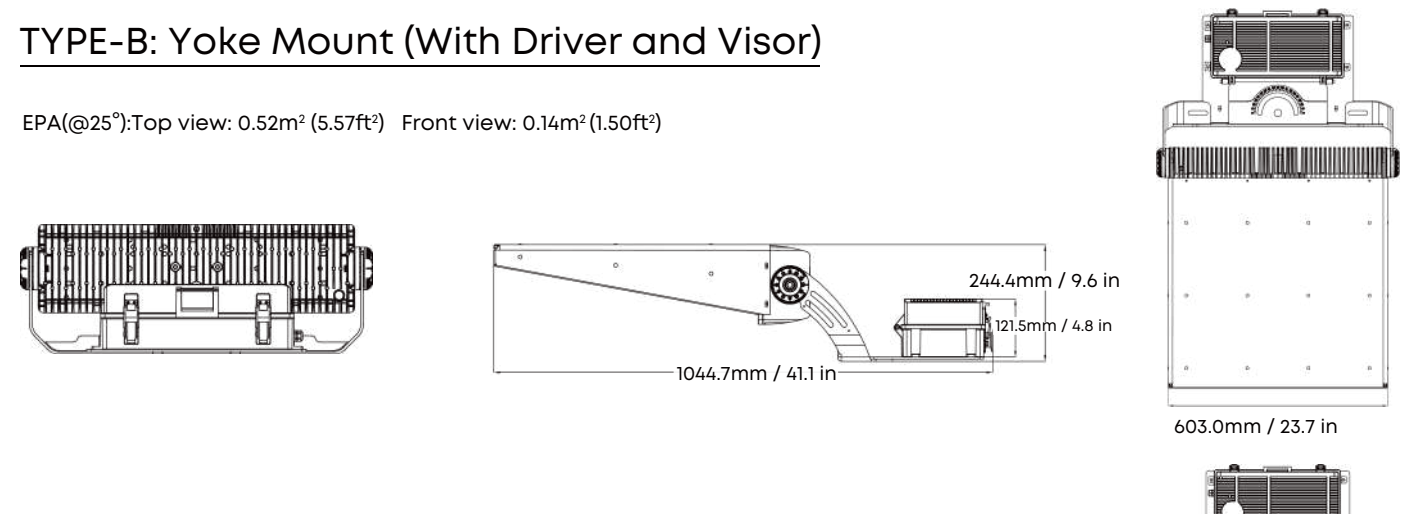


EPA(@25°):Top view: 0.56m<sup>2</sup> (6.07ft<sup>2</sup>) Front view: 0.32m<sup>2</sup> (3.44ft<sup>2</sup>)



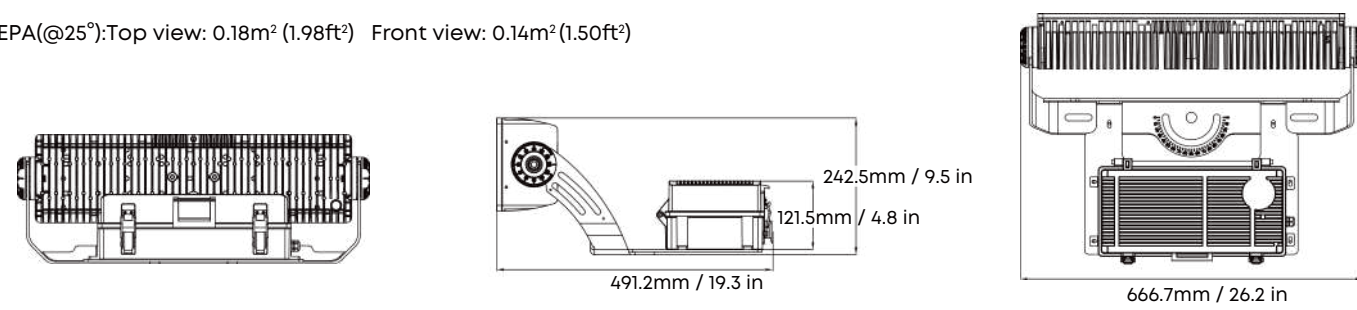
### TYPE-B: Yoke Mount (With Driver and Visor)

EPA(@25°):Top view: 0.52m<sup>2</sup> (5.57ft<sup>2</sup>) Front view: 0.14m<sup>2</sup> (1.50ft<sup>2</sup>)

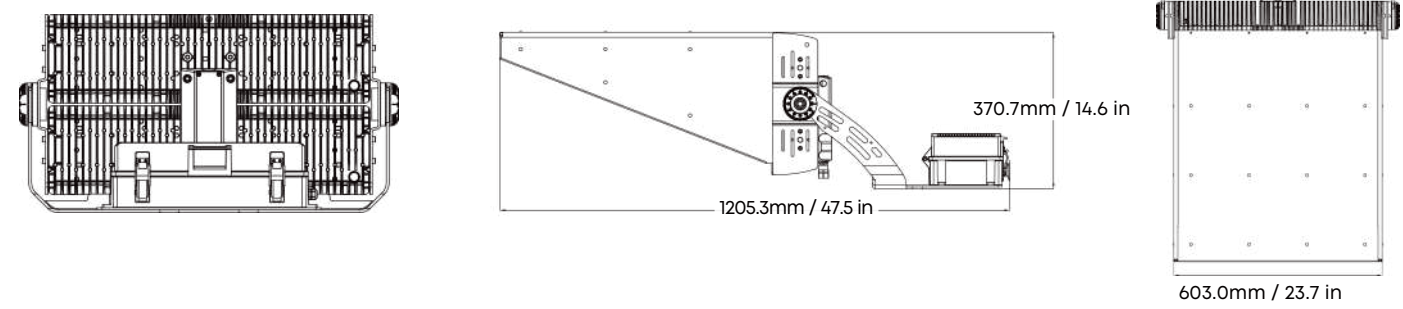


### TYPE-B: Yoke Mount (With Driver)

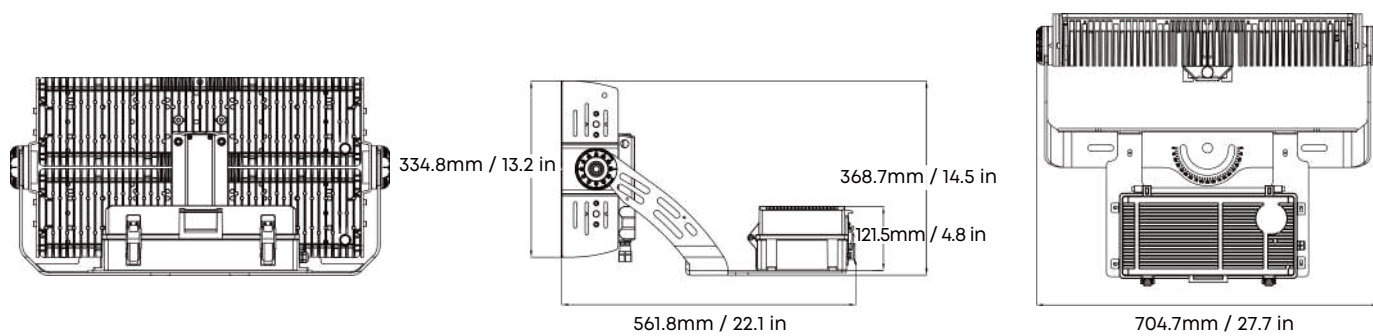
EPA(@25°):Top view: 0.18m<sup>2</sup> (1.98ft<sup>2</sup>) Front view: 0.14m<sup>2</sup> (1.50ft<sup>2</sup>)



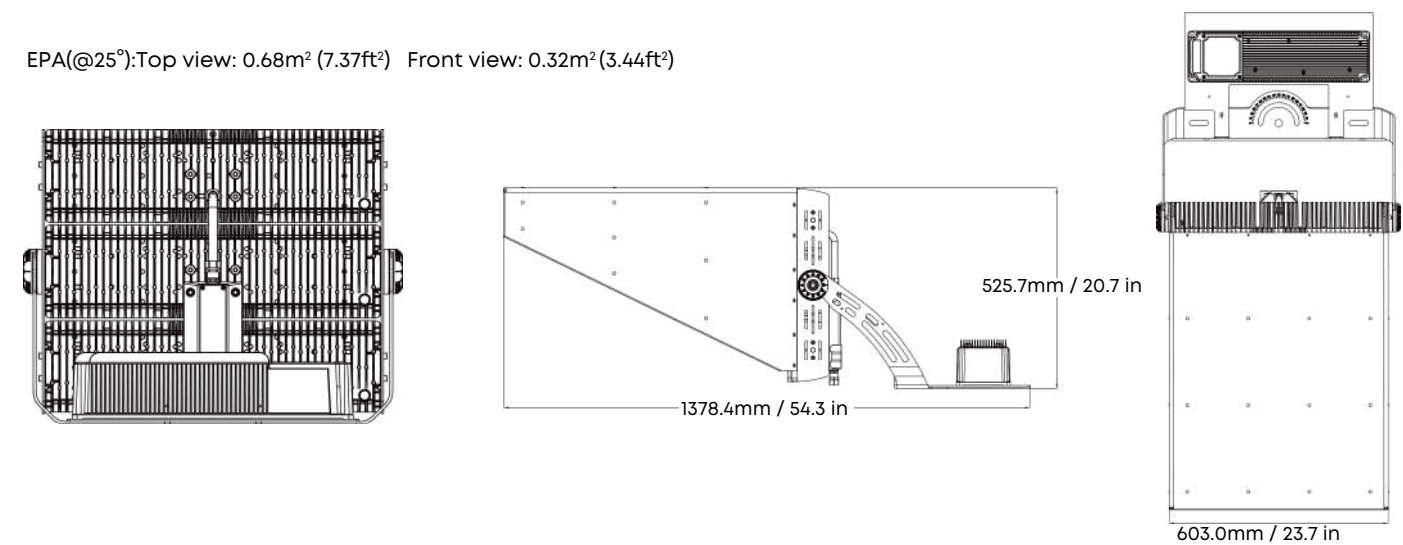
EPA(@25°):Top view: 0.59m<sup>2</sup> (6.33ft<sup>2</sup>) Front view: 0.23m<sup>2</sup> (2.45ft<sup>2</sup>)



EPA(@25°):Top view: 0.2m<sup>2</sup> (2.14ft<sup>2</sup>) Front view: 0.23m<sup>2</sup> (2.45ft<sup>2</sup>)



EPA(@25°):Top view: 0.68m<sup>2</sup> (7.37ft<sup>2</sup>) Front view: 0.32m<sup>2</sup> (3.44ft<sup>2</sup>)



## ISF Series Specification Sheet

\*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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# Illuminate Your Future



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

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