

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

100+ Patent Certificates\$1,000,000+ Annual Energy Saving10,000+ Projects Successfully Installed





10 EXPERIENCE 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 lighting such as ports and docks.

- 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. Saving maintenance budget and operating costs.
- 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.



NV: 100-277V HV: 277-480V HV: 220-400V 50/60HZ







IP66 IK08













TLCI>95

GR<40



UPTO 1800W MODULAR

Modular design makes the fixture easy to repair and replace. Maximum power to 1800W, flexible to adapt to project lighting needs.



LIGHTWEIGHT MAX. <30KG

The total weight of the 1800W fixture is less than 30KG (without a driver box). The lighter the weight, the easier the installation and the safer the fixture it is.



FOR TV BROADCAST

ISF guarantees excellent TV footage thanks to LED sources with a high TLCI index (Max >95) and allows the creation of super slow motion flicker-free.



CONVENIENT INSTALLATION

Type-A (Top-fixed) or Type-U (Yoke mount) installation. The installation procedure is simple and saves time and manpower.



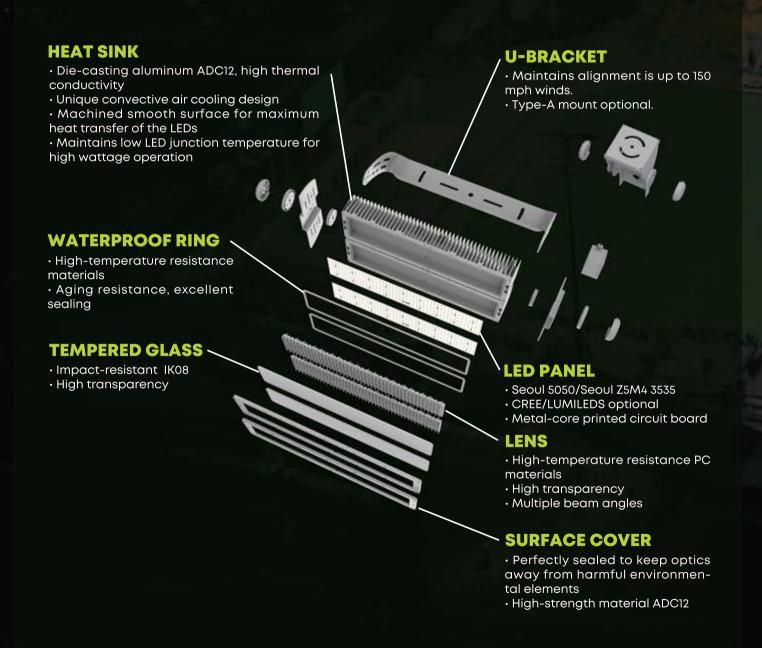






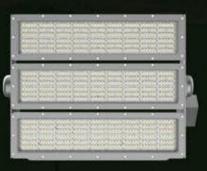
> Perfect Design for Gaming

- The 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.

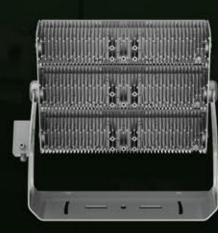




Type-A (Optical Lens)



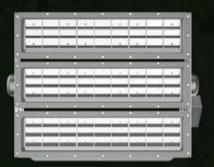
Type-U (Optical Lens)



Type-U Power Supply Split Installation



Type-A (With Reflector)



Type-U (With Reflector)

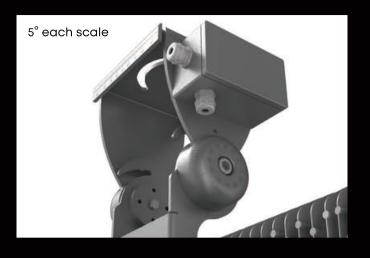


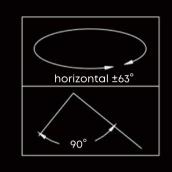
Type-U Driverbox Integrated with Bracket

> Flexible & Convenient Installation

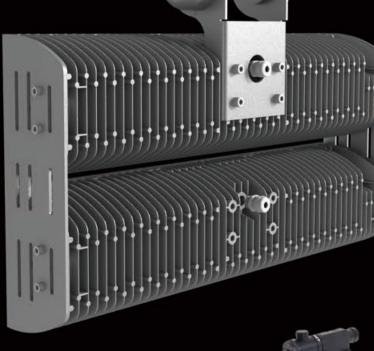
Type-A Top-fixed Bracket

The innovative top-fixed bracket is ideal for the suspended installation of ISF in limited spaces(for example under the roof cover of grandstands). Furthermore, top-fixed simplifies pointing operations. This fixing system allows adjustment on several planes and axes: the main adjustment with tilt range in the horizontal plane $\pm 63^{\circ}$, rotation range on vertical axis 90° .





Laser aming & Visor Optional

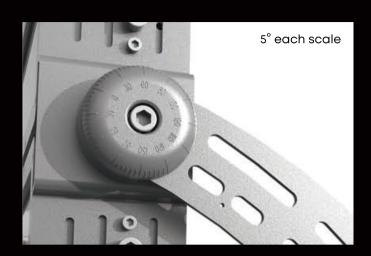


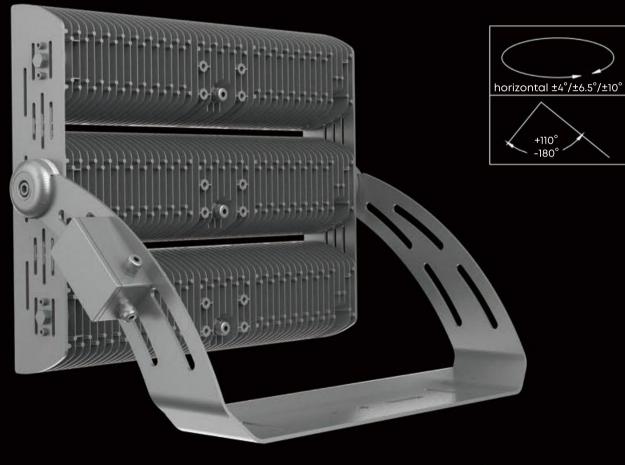


Type-U Yoke Mount

The Type-U Bracket of ISF is made of 304 stainless steel, with super corrosion resistance. It is adjustable and tiltable on the horizontal plane $\pm 4^{\circ}/\pm 6.5^{\circ}/\pm 10^{\circ}$, rotation range on vertical: $\pm 110^{\circ}/-180^{\circ}$.

It is also available for inverted mounting, guaranteeing great installation versatility.







Laser aiming

s the products are upgraded, the accessories may differ from those described in the pictures

> Photometric Design

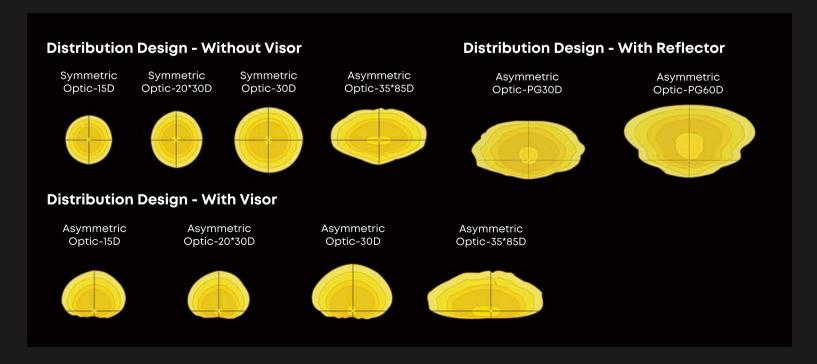


Hidden reflector design, the fixture is invisible at the night except for light, lower glare.



The ISF series is available with a high-performance Optical System, customizable to meet all installation requirements in professional sports fields. The system consists of floodlighting optics for punctual lighting in the pitch. The lighting solutions allow optimizing light in every direction with extreme flexibility. The solution uses specific LED sources for high-grade TLCI television broadcasts.

The ISF series is designed with an innovative lighting technique for sports fields that makes the installation of the floodlights extremely simple, without resorting to precise aiming. The lighting reflector system has been created specifically for certain sports facilities such as the tennis court, where the installation of the luminaires can also be quick and easy.



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

15D 30D 20*30D 35*85D PG30D PG60D
No Control States 1 PG40D PG60D
No Control States 1 PG60D
No Control States 1

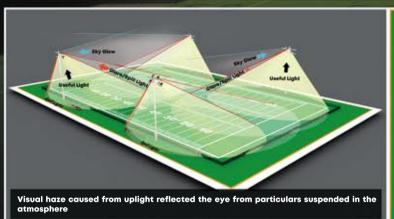
> Control of Light

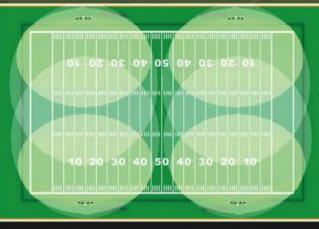
• Glare & light pollution • Light spills out

Comfortable uniform lighting effect •

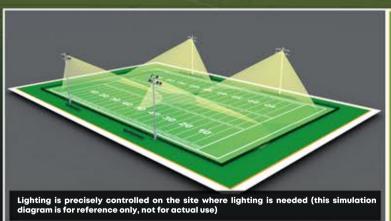
No upper light pollution •

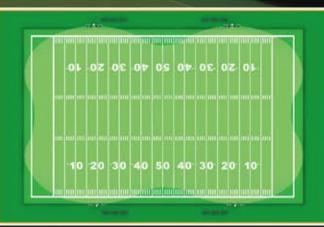
Better visual experience •





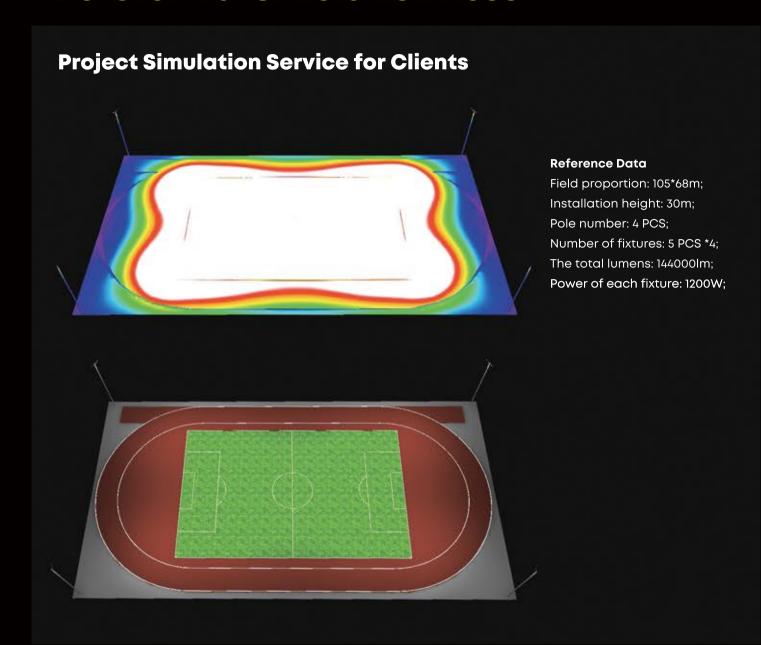
• Glare can cause problems for athletes and nearby residents. Spillover light causes light pollution in the night sky. Solving the problem of reducing light pollution is the primary mission of our product design. While providing a brighter lighting system for the site, we were also concerned about how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



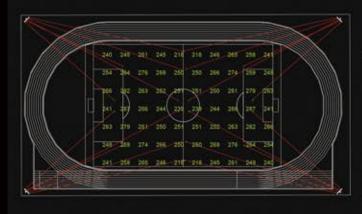


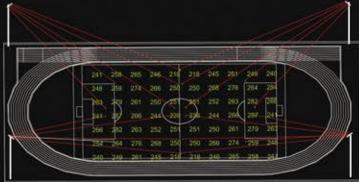
- Effective control of light can better reflect the energy conservation and environmental protection of LED lighting equipment. The low glare design of the ISF series allows for effective control of light and direction, providing greater comfort for athletes on the field, a better spectator experience,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

> Referential Simulation Result

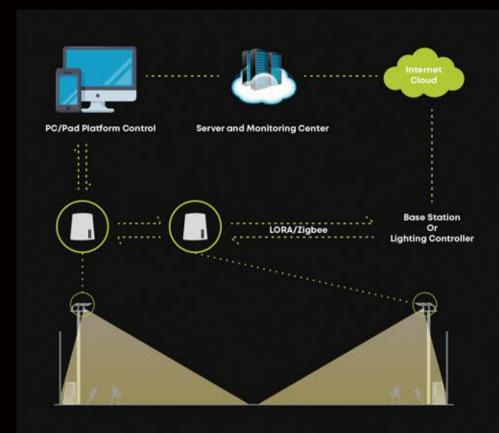


Illumination Parameters





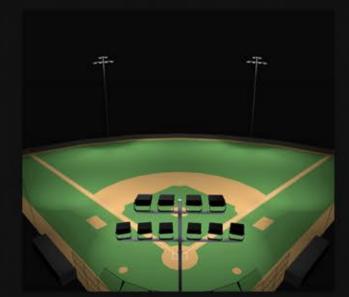
> Smart Lighting Control



The Lora Light wireless system or Zigbee control with strong anti-interference ability is adopted in the wireless transmission unit of the 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.



> Application Reference

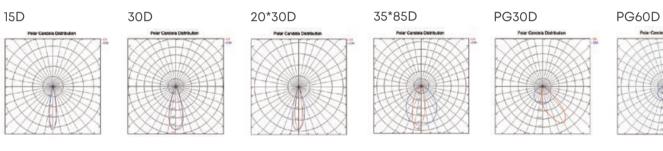


Parameter Table

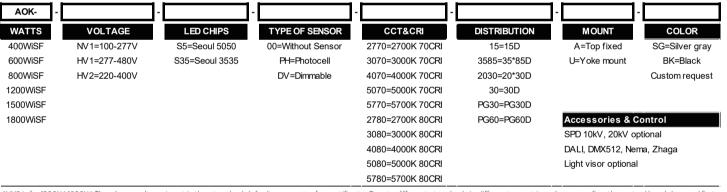
Power(W)		AOK-400WiSF	AOK-600WiSF	AOK-800WiSF	AOK-1200WiSF	AOK-1500WiSF	AOK-1800Wi
		400W	600W	800W	1200W	1500W	1800W
Modules		1	1	2	2	3	3
nput voltage			100-277V/277-4	<u> </u>		220-400V,	50/60Hz
THD				<20			
Oontrol Option		0.10	\//D\A/AA Timor dimina /Stan	>0.		DALL DAAVES	(Standard)
Ambient temperature		0-10V/PWM Timer diming (Standard), DALI, DMX512 (Optional) -40°C to 50°C -40°C to 45°C -40°C to 50°C -40°C to 45°C				DALI, DMX512 (Standard) -40°C to 50°C -40°C to 45	
Driver brand		-40 C to 50 C	-40 C to 45 C	Based on the actu		-40 C to 30 C	-40 C to 45
Surge protection				20kV av			
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
	15D	56000lm	84000lm	112000lm	168000lm	210000lm	252000lm
	35*85D	60000lm	90000lm	120000lm	180000lm	225000lm	270000lm
Luminous flux (Im, Std. Dev. ±5%)@CCT=4000K,	20*30D	56000lm	84000lm	112000lm	168000lm	210000lm	252000lm
CRI>70Ra	30D	60000lm	90000lm	120000lm	180000lm	225000lm	270000lm
	PG30D	56000lm	84000lm	112000lm	168000lm	210000lm	252000lm
	PG60D	56000lm	84000lm	112000lm	168000lm	210000lm	252000lm
	15D	125lm/W	125lm/W	125lm/W	125lm/W	125lm/W	125lm/W
Efficacy (lm/W, Std. Dev.	35*85D	135lm/W	135lm/W	135lm/W	135lm/W	135lm/W	135lm/W
Efficacy (lm/W, Std. Dev. ±5%)@CCT=4000K, CRI>70Ra, with visor	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	/	/	1	1	/	
	PG60D	/	/	/	/	/	/
	15D	50000lm	75000lm	100000lm	150000lm	187500lm	225000lm
uminous flux (lm, Std.	35*85D	54000lm	81000lm	108000lm	162000lm	202500lm	243000lm
Dev. ±5%)@CCT=4000K,	20*30D	50000lm 54000lm	75000lm	100000lm 108000lm	150000lm	187500lm	225000lm
CRI>70Ra, with visor	30D	/ S4000IM	81000lm	108000IM	162000lm /	202500lm	243000lm
	PG30D PG60D	/	/	/	/	/	
ULOR	PG60D	/	/	= 0%, @ Luminai	•	,	,
CCT				2700K, 3000K, 400			
CRI				Ra70, Ra			
Beam angle				15D/20*30D/30D/35*			
Mechanical Data							
P/IK			IPo	66/IK08, according to star	ndard EN 60529 and EN 622	62	
Vibration resistance				3G, conform to ste	andard IEC 68-2-6.		
	Type-A (Without visor@25°)		08m² (0.86ft²)	Top view: 0.12m² (1.29ft²)		Top view: 0.16m² (1.72ft²)	
	1,750 /1(11111000 11001@20 /		.13m² (1.40ft²)	Front view: 0.21m² (2.26ft²) Top view: 0.20m² (2.15ft²)			
		rop view: 0				Front view: 0.2	9m² (3.12ft²)
CO. (EDA)	Type-U (Without visor@25°)	Front view: 0	.12m² (1.29ft²)).11m² (1.18ft²)		10m² (2.15ft²)	Front view: 0.25 Top view: 0.25 Front view: 0.3	9m² (3.12ft²) im² (2.69ft²)
SCx (EPA)		Top view: 0.	0.11m² (1.18ft²) 12m² (1.29ft²)	Top view: 0.2 Front view: 0. Top view: 0.2	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²)	Top view: 0.25 Front view: 0.3 Top view: 0.32	9m² (3.12ft²) im² (2.69ft²) lm² (3.34ft²) im² (3.44ft²)
SCx (EPA)	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0.	0.11m² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.4	20m² (2.15ft²) 22m² (2.37ft²) 12m² (2.37ft²) 05m² (0.54ft²)	Top view: 0.25 Front view: 0.3 Top view: 0.32 Front view: 0.0	19m² (3.12ft²) 19m² (2.69ft²) 11m² (3.34ft²) 11m² (3.44ft²) 15m² (0.54ft²)
SCx (EPA)		Top view: 0. Front view: 0. Top view: 0	0.11m² (1.18ft²) 12m² (1.29ft²)	Top view: 0.2 Front view: 0. Top view: 0.2	20m² (2.15ft²) 22m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 15m² (0.54ft²) 18m² (3.01ft²)	Top view: 0.25 Front view: 0.3 Top view: 0.32	19m² (3.12ft²) 19m² (2.69ft²) 1m² (3.34ft²) 1m² (3.44ft²) 5m² (0.54ft²) 1m² (3.98ft²)
	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0	0.11m² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2	20m² (2.15ft²) 22m² (2.37ft²) 12m² (2.37ft²) 12m² (0.54ft²) 18m² (3.01ft²) 107m² (0.75ft²)	Top view: 0.25 Front view: 0.3 Top view: 0.32 Front view: 0.0 Top view: 0.37	19m² (3.12ft²) 19m² (2.69ft²) 1m² (3.34ft²) 1m² (3.44ft²) 5m² (0.54ft²) 1m² (3.98ft²)
Housing/Materials	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.11m² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²) 115m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 27m² (0.75ft²) 27m² (0.75ft²) 27mì (0.75ft²)	Top view: 0.25 Front view: 0.3 Top view: 0.32 Front view: 0.0 Top view: 0.37	19m2 (3.12ft2) 1m2 (2.69ft2) 1m2 (3.34ft2) 1m2 (3.44ft2) 5m2 (0.54ft2) 1m2 (3.98ft2) 17m2 (0.75ft2)
Housing/Materials Surface treatment	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.11m² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²) 115m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.4 Front view: 0.0 Front view: 0.1 Top view: 0.2 Front view: 0. Heavy-duty die-cast al ron epoxy primer + Anti-U\	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 8m² (0.54ft²) 8m² (0.75ft²) uminum (EN AC-46100) / thermosetting polyester	Top view: 0.25 Front view: 0.3 Top view: 0.35 Front view: 0.0 Top view: 0.0 Front view: 0.0	19m² (3.12ft²) 1m² (2.69ft²) 1m² (3.34ft²) 1m² (3.44ft²) 5m² (3.54ft²) 5m² (0.54ft²) 1m² (3.98ft²) 7m² (0.75ft²)
Housing/Materials Surface treatment Painting	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.1lm² (1.9ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.0 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-U\ Black, Silver Grey	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 8m² (0.54ft²) 8m² (0.75ft²) uminum (EN AC-46100) / thermosetting polyester , Custom request	Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive et	19m2 (3.12ft2) 1m2 (2.69ft2) 1m2 (3.34ft2) 1m2 (3.44ft2) 5m2 (0.54ft2) 1m2 (3.98ft2) 17m2 (0.75ft2)
Housing/Materials Surface treatment Painting Cable	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.1lm² (1.9ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-U\ Black, Silver Grey e-wired with a 30 cm cable	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 8m² (0.5ft²) 20m² (0.75ft²) 20minum (EN AC-46100) / thermosetting polyester , Custom request a (Other lengths on reques	Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive et	19m2 (3.12ft2) 1m2 (2.69ft2) 1m2 (3.34ft2) 1m2 (3.44ft2) 5m2 (0.54ft2) 1m2 (3.98ft2) 17m2 (0.75ft2)
Housing/Materials Surface treatment Painting Cable Mounting	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.1lm² (1.9ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.0 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-U\ Black, Silver Grey	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 8m² (0.5ft²) 20m² (0.75ft²) 20minum (EN AC-46100) / thermosetting polyester , Custom request a (Other lengths on reques	Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive et	19m2 (3.12ft2) 1m2 (2.69ft2) 1m2 (3.34ft2) 1m2 (3.44ft2) 5m2 (0.54ft2) 1m2 (3.98ft2) 17m2 (0.75ft2)
Housing/Materials Surface treatment Painting Cable Mounting LED	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.1lm² (1.9ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-U\(\) Black, Silver Grey e-wired with a 30 cm cable	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.5ft²) 20m² (0.75ft²) 20minum (EN AC-46100) / thermosetting polyester , Custom request 2 (Other lengths on requesoke mount	Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive et	19m2 (3.12ft2) 1m2 (2.69ft2) 1m2 (3.34ft2) 1m2 (3.44ft2) 5m2 (0.54ft2) 1m2 (3.98ft2) 17m2 (0.75ft2)
Housing/Materials Surface treatment Painting Cable Mounting LED	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.1lm² (1.9ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-U\ Black, Silver Grey e-wired with a 30 cm cable	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.56ft²) 20m² (0.75ft²) 20m² (Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive et	19m² (3.12ft²) 1m² (2.69ft²) 1m² (3.34ft²) 1m² (3.44ft²) 5m² (3.54ft²) 5m² (0.54ft²) 1m² (3.98ft²) 7m² (0.75ft²)
Housing/Materials Surface treatment Painting Cable Mounting LED	Type-A (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0	0.1lm² (1.9ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²)	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-Uv Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUA	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.56ft²) 20m² (0.75ft²) 20m² (Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive et	19m² (3.12ft²) 1m² (2.69ft²) 1m² (3.34ft²) 1m² (3.44ft²) 5m² (3.54ft²) 5m² (0.54ft²) 1m² (3.98ft²) 7m² (0.75ft²)
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm	0.1lm² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²) ossetting polyester/80 mice	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-UV Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUM Seoul 5050/Se	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.56ft²) 20m² (0.75ft²) 20m² (Top view: 0.25 Front view: 0.37 Top view: 0.37 Front view: 0.07 Top view: 0.07 Top view: 0.07 Front view: 0.00	9m² (3.12ft²) m² (2.6ft²) m² (2.6ft²) m² (3.44ft²) m² (3.44ft²) sm² (3.54ft²) sm² (3.54ft²) m² (3.96ft²) ra² (3.96ft²) ray (3.96ft²) ray (3.96ft²)
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer ED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) ISD(3535Z5M4)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm	D.Ilm² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²) cosetting polyester/80 mice	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-Uv Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUN Seoul 5050/Se 336	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.56ft²) 25m² (0.56ft²) 25m² (0.56ft²) 25m² (0.56ft²) 25m² (0.56ft²) 25m² (0.56ft²) 25m² (0.75ft²) 25m² (Top view: 0.25 Front view: 0.37 Top view: 0.37 Front view: 0.07 Top view: 0.07 Top view: 0.07 Front view: 0.00 Front view: 0.	9m² (3.12ft²) m² (2.6ft²) m² (2.6ft²) m² (3.34ft²) m² (3.34ft²) m² (3.44ft²) 5m² (3.54ft²) m² (3.96ft²) n² (3.96ft²) n² (3.96ft²) n² (3.76ft²)
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer ED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) ISD(3535Z5M4) 35°85D(5050)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm	D.Ilm² (1.18ft²) 12m² (1.29ft²) 05m² (0.54ft²) 15m² (1.61ft²) 06m² (0.65ft²) 100setting polyester/80 mice	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Heavy-duty die-cast al ron epoxy primer + Anti-Uv Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUN Seoul 5050/Se 336	20m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.56ft²) 25m² (0.56ft²) 25m² (0.75ft²) 25m² (Top view: 0.25 Front view: 0.37 Top view: 0.37 Front view: 0.37 Front view: 0.07 Top view: 0.37 Front view: 0.00 (for extremely corrosive elements) 630 630	9m² (3.12ft²) m² (2.69ft²) m² (2.69ft²) m² (3.44ft²) m² (3.44ft²) sm² (3.44ft²) sm² (3.54ft²) m² (3.98ft²) m² (3.98ft²) m² (3.98ft²) m² (3.98ft²) 7m² (0.75ft²)
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 15D(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm	252 252 252	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Front view: 0. Front view: 0. Heavy-duty die-cast al ron epoxy primer + Anti-U Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUM Seoul S050/Se 336 336	100m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.75ft²) 100m² (0.75ft²) 100m	Top view: 0.25 Front view: 0.35 Top view: 0.35 Front view: 0.37 Front view: 0.37 Front view: 0.37 Front view: 0.47 Front view	9m² (3.12ft²) m² (2.69ft²) m² (2.69ft²) m² (3.54ft²) m² (3.54ft²) m² (3.44ft²) 5m² (3.54ft²) m² (3.98ft²) n² (3.98ft²) n² (3.98ft²) n² (5.75ft²) nvironments).
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 15D(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4) 30D(5050)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm 168 168 168	252 252 252 252	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Front view: 0. Front view: 0. Heavy-duty die-cast al ron epoxy primer + Anti-U\ Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUM Seoul 5050/Se 336 336 336	10m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.75ft²) 25m² (Top view: 0.25 Front view: 0.35 Top view: 0.35 Front view: 0.37 Front view: 0.37 Front view: 0.47 Front view	9m² (3.12ft²) m² (2.9ft²) m² (2.9ft²) m² (3.4ft²) m² (3.4ft²) m² (3.4ft²) m² (3.4ft²) m² (3.4ft²) m² (3.9ft²) n² (3.9ft²) n² (3.7ft²) n² (3.7ft²) nvironments).
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 15D(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4) 30D(5050) PG30D(5050)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm 168 168 168 168	252 252 252 270	Top view: 0.2 Front view: 0. Front view: 0. Heavy-duty die-cost al ron epoxy primer + Anti-U\ Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUM Seoul 5050/Se 336 336 336 336	10m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.75ft²) 25m² (Top view: 0.25 Front view: 0.35 Top view: 0.35 Front view: 0.0 Top view: 0.37 Front view: 0.07 Top view: 0.07 Front view: 0.00 (for extremely corrosive elements) 630 630 630 630 630 630 630	9m² (3.12ft²) m² (2.9ft²) m² (2.9ft²) m² (3.4ft²) m² (3.44ft²) sm² (5.44ft²) sm² (5.44ft²) sm² (5.44ft²) sm² (5.76ft²) m² (5.76ft²) m² (5.76ft²) m² (5.76ft²) m² (5.76ft²) m² (5.76ft²) sylinoments).
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 15D(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4) 30D(5050) PG30D(5050) PG60D(5050) 15D(3535Z5M4)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm 168 168 168 168 180 180 755mA	252 252 252 270 270 765mA	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Front view: 0.1 Front view: 0.1 Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUM Seoul 5050/Se 336 336 336 336 336 336 336 336 336 33	10m² (2.15ft²) 22m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.75ft²) 25m²	Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.3 Front view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive er 630 630 630 630 675 675 780mA	9m² (3.12ft²) m² (2.69ft²) m² (2.69ft²) m² (3.54ft²) m² (3.54ft²) m² (3.54ft²) m² (3.54ft²) m² (3.54ft²) m² (3.98ft²) n² (3.75ft²) n² (3.75ft²) nvironments).
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 1SD(3535ZSM4) 35°85D(5050) 20°30D(3535ZSM4) 30D(5050) PG30D(5050) PG60D(5050) 1SD(3535ZSM4) 35°85D(5050)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm 168 168 168 168 180 180 755mA 375mA	252 252 252 270 270 765mA 383mA	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Front view: 0.1 Front view: 0.1 Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUN Seoul 5050/Se 336 336 336 336 336 336 336 336 336 33	10m² (2.15ft²) 12m² (2.15ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.57ft²) 12m² (0.54ft²) 12m² (0.54ft²) 12m² (0.75ft²) 12minum (EN AC-46100) 12minum (Top view: 0.25 Front view: 0.35 Top view: 0.35 Front view: 0.0 Top view: 0.35 Front view: 0.0 Top view: 0.35 Front view: 0.0 (for extremely corrosive end of the control of	9m² (3.12ft²) m² (2.69ft²) m² (2.69ft²) m² (3.54ft²) m² (3.54ft²) m² (3.44ft²) 5m² (5.54ft²) m² (5.54ft²) m² (5.75ft²) m² (5.75ft²) nvironments). 756 756 756 756 810 810 775mA 385mA
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model Number of LED	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 15D(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4) 30D(5050) PG30D(5050) PG60D(5050) 15D(3535Z5M4)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm 168 168 168 168 180 180 755mA	252 252 252 270 270 765mA	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Front view: 0.1 Front view: 0.1 Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUM Seoul 5050/Se 336 336 336 336 336 336 336 336 336 33	10m² (2.15ft²) 22m² (2.15ft²) 22m² (2.37ft²) 22m² (2.37ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.54ft²) 25m² (0.75ft²) 25m²	Top view: 0.25 Front view: 0.3 Top view: 0.3 Front view: 0.3 Front view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive er 630 630 630 630 675 675 780mA	9m² (3.12ft²) m² (2.69ft²) m² (2.69ft²) m² (3.54ft²) m² (3.54ft²) m² (3.54ft²) m² (3.54ft²) m² (3.54ft²) m² (3.98ft²) n² (3.98ft²) n² (3.98ft²) n² (5.75ft²) nvironments).
Housing/Materials Surface treatment Painting Cable Mounting LED LED Manufacturer LED model Number of LED	Type-A (Reflector, without visor@0°) Type-U (Reflector, without visor@0°) 1SD(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4) 30D(5050) PG30D(5050) PG60D(5050) 1SD(3535Z5M4) 35°85D(5050) 20°30D(3535Z5M4)	Top view: 0. Front view: 0. Top view: 0 Front view: 0 Anti-UV therm 168 168 168 168 180 180 755mA 375mA	252 252 252 270 270 765mA 383mA 765mA	Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0. Top view: 0.2 Front view: 0.1 Top view: 0.2 Front view: 0.1 Front view: 0.1 Front view: 0.1 Black, Silver Grey e-wired with a 30 cm cable Top fixed/Y Seoul (CREE/LUN Seoul 5050/Se 336 336 336 336 336 336 336 336 3375mA	10m² (2.15ft²) 12m² (2.15ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (2.37ft²) 12m² (0.54ft²) 12m² (0.54ft²) 12m² (0.75ft²) 12minum (EN AC-46100) 12	Top view: 0.25 Front view: 0.3 Top view: 0.3 Top view: 0.3 Front view: 0.0 Top view: 0.3 Front view: 0.0 (for extremely corrosive end of the content of the	9m² (3.12ft²) m² (2.69ft²) m² (2.69ft²) m² (3.44ft²) m² (3.44ft²) m² (3.44ft²) sn² (3.44ft²) sn² (3.44ft²) sn² (0.54ft²) m² (3.98ft²) r/m² (0.75ft²) sn² (0.75ft²)

Model		AOK-400WiSF	AOK-600WiSF	AOK-800WiSF	AOK-1200WiSF	AOK-1500WiSF	AOK-1800WiSF			
Other Data										
Lifespan		L90B10 - 52 000 h, @Tq 25°C								
Warranty		5 years (Warranty extension up to 10 years on request)								
Certification		ROHS/CE/CB/For other certificates please request								
Product size (without driver box)	Type-A (Lens)	L599.2*W389.8*H155mm		L607.2*W559.8*H155mm		L729.8*W607.2*H155mm				
	Type-A (Reflector)	L599.2*W304.8*H226mm		L599.2*W474.8*H226mm		L644.8*W607.2*H226.1mm				
	Type-U (Lens)	L706.5*W239.8*H235.5mm		L744.5*W373.1*H344mm		L673.4*W551.1*H424.9mm				
	Type-U (Reflector)	L706.5*W250.2*H201.9mm		L744.5*W443.8*H243.2mm		L714.7*W609.7*H343.2mm				
Net weight (without driver box)	Type-A (Lens)	11.1KG		19.04KG		27.14KG				
	Type-A (Reflector)	11.1KG		18.26KG		26.0KG				
	Type-U (Lens)	12.1KG		20.2KG		28.8KG				
	Type-U (Reflector)	11.7KG		19.07KG		27.66KG				
Carton size (without driver box)	Type-A (Lens)	L650*W410*H225mm		L690*W670*H220mm		L940*W670*H220mm				
	Type-A (Reflector)	L650*W410*H225mm		L690*W670*H220mm		L940*W670*H220mm				
	Type-U (Lens)	L725*W355*H225mm		L765*W435*H395mm		L780*W735*H230mm	L870*W735*H230mm			
	Type-U (Reflector)	L725*W355*H225mm		L765*W435*H395mm		L780*W735*H230mm	L870*W735*H230mm			
Gross weight (without driver box)	Type-A (Lens)	15.1KG		23.04KG		31.14KG				
	Type-A (Reflector)	15.1KG		22.26KG		30.00KG				
	Type-U (Lens)	16.1KG		24.2KG		32.8KG				
	Type-U (Reflector)	15.7KG		23.07KG		31.66KG				
Application field		Suitable for stadium, sports field, port, railway station								

Photometrics



Ordering Information



^{*}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.

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

Brackets and Options







Type-U (Yoke Mount) Lens

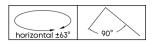


Type-U (Yoke Mount) Reflector

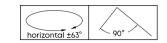


Dimension

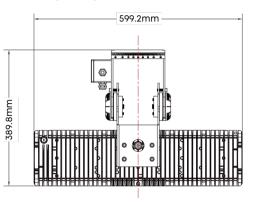
TYPE-A: Top Fixed Installation

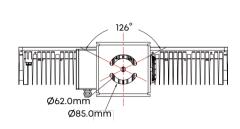


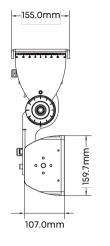
TYPE-A: Top Fixed Installation (With visor)



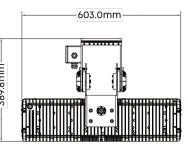
SCx (EPA)@25°:Top view: 0.08m² (0.86ft²) Front view: 0.13m² (1.40ft²)

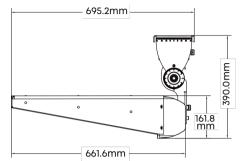


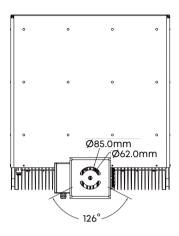




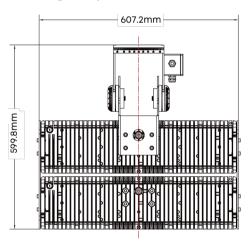
SCx (EPA)@25°:Top view: 0.18m² (1.94ft²) Front view: 0.37m² (3.98ft²)

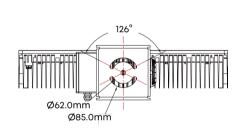


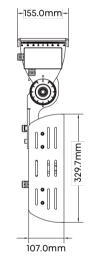




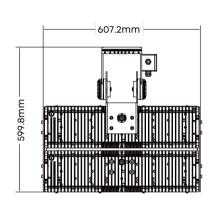
SCx (EPA)@25°:Top view: 0.12m² (1.29ft²) Front view: 0.21m² (2.26ft²)

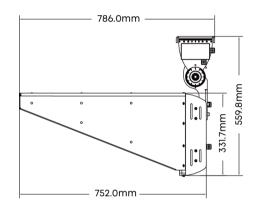


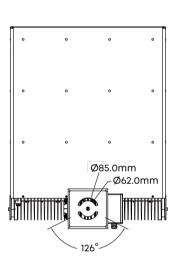




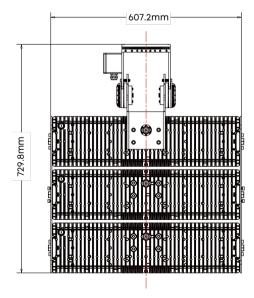
SCx (EPA)@25°:Top view: 0.21m² (2.26ft²) Front view: 0.46m² (4.95ft²)

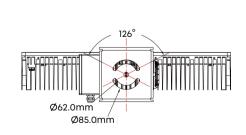


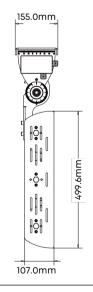




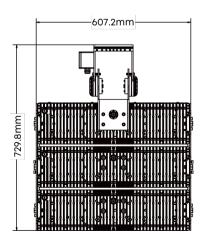
SCx (EPA)@25°:Top view: 0.16m² (1.72ft²) Front view: 0.29m² (3.12ft²)

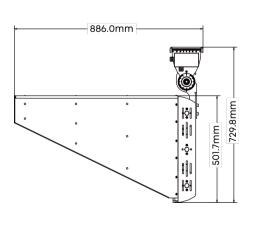


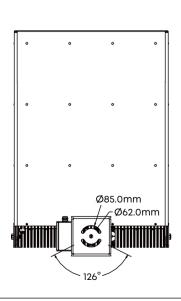




SCx (EPA)@25°:Top view: 0.24m² (2.58ft²) Front view: 0.48m² (5.17ft²)





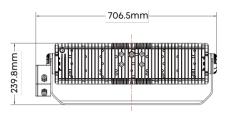


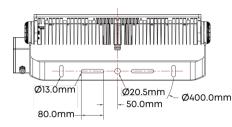


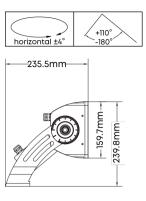
Dimension

TYPE-U: Yoke Mount

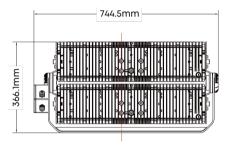
EPA(@25°):Top view: 0.08m² (0.86ft²) Front view: 0.13m² (1.40ft²)

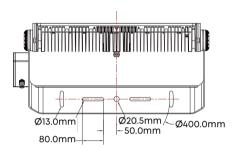


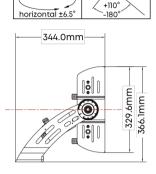




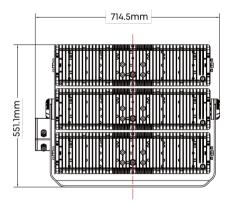
EPA(@25°):Top view: 0.20m² (2.15ft²) Front view: 0.22m² (2.37ft²)

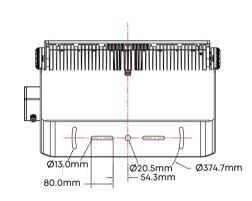


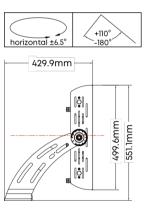




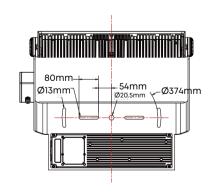
EPA(@25°):Top view: 0.25m² (2.69ft²) Front view: 0.31m² (3.34ft²)

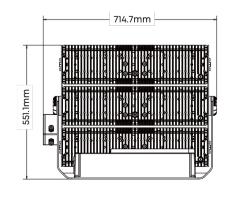


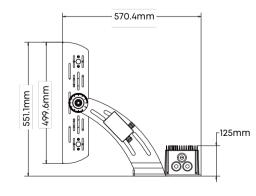




TYPE-U: Diverbox Integrated with Bracket

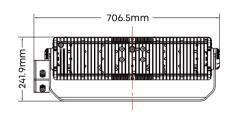


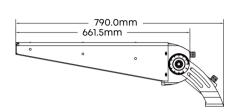


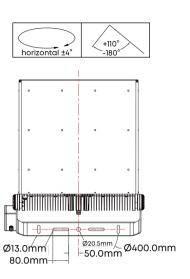


TYPE-U: Yoke Mount (With visor)

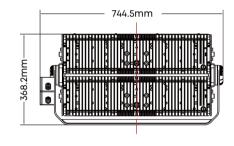
EPA(@25°):Top view: 0.42m² (4.52ft²) Front view: 0.17m² (1.83ft²)

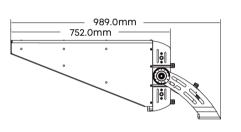


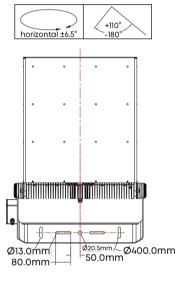




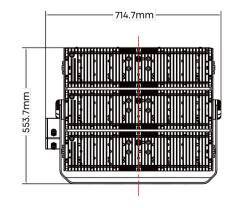
EPA(@25°):Top view: 0.55m² (5.92ft²) Front view: 0.22m² (2.37ft²)

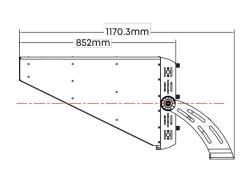


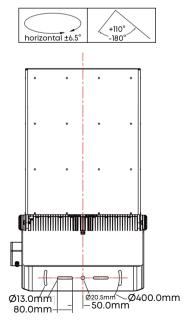




EPA(@25°):Top view: 0.66m² (7.10ft²) Front view: 0.31m² (3.34ft²)









Illuminate Your Future



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