



CB CE RoHS



G2.5

Modular flood & sports lights series which operates independently, Special lighting for stadiums, wharves, squares, and other large places.

G2.5 flood sports light is a versatile, modular system that ranges from 300W to 1200W, with a single mode option of 300W. It has a high light efficiency of 150 lumens per watt and durable components made of aluminum alloy. The lenses are made of PC material for high transmittance and are protected by toughened glass. The G2.5 modules operate independently, reducing maintenance costs. The floodlights can be adjusted within a $\pm 30^\circ$ angle and can be packaged in bulk for cost savings.



IP66
Wet Location



IK08
Rating

7 YEARS
WARRANTY



Modular Design for Independent Operation

The G2.5 floodlight is designed with modular units that can operate independently. If one module gets damaged, it doesn't affect the functioning of the other modules. This reduces maintenance costs and enhances the reliability of the overall lighting system.



Reduced Shipping, Tariffs and Warehouse Costs

Component mode transportation reduces packaging, shipping, and warehouse space. This results in cost savings for freight, customs, and warehousing, particularly beneficial for distributors who require spare warehouses.

High Transmittance Lens

G2.5 floodlight features a PC lens material with high transmittance and high light efficiency. This ensures efficient light distribution and reduces light loss.

Lens Protection and Light Attenuation Reduction

G2.5 floodlight is equipped with toughened glass cover. This protects the lens from damage while effectively minimizing light attenuation over time.



Flexible Light Adjustment

Each module of the G2.5 floodlight can adjust the angle $\pm 30^\circ$ independently. This allows for easy adjustment of the direction and coverage range of the lamp according to specific application requirements.



Easy to replace modules



Revolving the arrow to the horizontal of the bracket, slidable gear. G2.5 modular units that can operate independently.



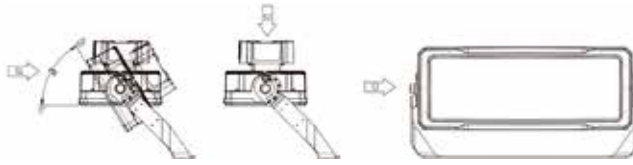


Parameters

Model No.	HD-FL2.5-300WA-V-CD	HD-FL2.5-600WA-V-CD	HD-FL2.5-900WA-V-CD	HD-FL2.5-1200WA-V-CD
Wattage	300W	600W	900W	1200W
Light Efficiency	Up to 150Lm/W			
Lumen Flux(@5700K)	45,000Lm	90,000Lm	135,000Lm	180,000Lm
CCT	3000K/4000K/5000K/5700K/6500K			
Beam Angle(±5°)	10°/15°/20°/30°/40°/60°/90°/120°/150°60°/20°30°/ WB-P60°/130°30°/T3-VS			
CRI	70, 80, 90, TLCI>90 Optional			
SDCM	<5			
Input Voltage	AC100-277V/AC277-480V			
Power Factor	0.95			
THD	<15%			
Percent flicker(%)	1%			
Surge Protection	10KV/20KV			
Protection against electric	Class I			
IP <small>(Environmental location of luminaries)</small>	IP66			
IK	IK08			
Operating Temp Ronger	-40°C ~ +50°C @outdoor/-40 F ~ +122 F @outdoor			
Intelligent control	0-10V Dimming, DMX512			
Lifetime	100,000H L70B50@25 C / 100,000H L70B50@77 F			
Weight (kg/lbs)	6.3±0.5kg/13.89±1.1lbs	15.4±0.5kg/33.95±1.1lbs	23±0.5kg/50.70±1.1lbs	29.6±0.5kg/65.26±1.1lbs
Dimension(mm/in)	490*193*236mm 19.29*7.60*29.29in	602*329*466mm 23.70*12.95*18.35in	602*329*656mm 23.70*12.95*25.83in	602*520*801mm 23.70*20.47*31.53in
Packing Dimension(mm)	530*345*190mm 20.87*13.58*7.48in	650*640*240mm 25.59*25.20*9.45in	650*630*260mm 25.59*24.80*10.24in	1080*650*235mm 42.52*25.59*9.25in
Warranty	5 Years, 7 Years Optional			
Certificate	UL/DLC/CE/CB/RoHS			
Specification	LED: Lumileds Driver: Sosen			
Material	Structure: Die-casting/High Thermal Conductivity AL Finish: Powder coated Lens: Glass+Polycarbonate Color: Black			

Maximum Projection Area and EPA(Without Visor)

Projection Area
300W



$\alpha=0^\circ$

	S	EPA
S1	0.0581m ² (0.625sq.ft)	0.75ft ²
S2	0.0813m ² (0.875sq.ft)	1.05ft ²
S3	0.0206m ² (0.222sq.ft)	0.266ft ²

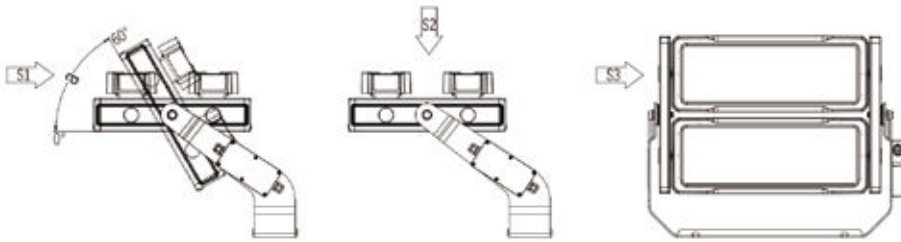
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	S	EPA
S1	0.0826m ² (0.889sq.ft)	1.067ft ²
S2	0.0887m ² (0.955sq.ft)	1.146ft ²
S3	0.0206m ² (0.222sq.ft)	0.266ft ²

$\alpha=60^\circ$

	S	EPA
S1	0.0866m ² (0.932sq.ft)	1.118ft ²
S2	0.0835m ² (0.899sq.ft)	1.079ft ²
S3	0.0206m ² (0.222sq.ft)	0.266ft ²

Projection Area
600W



$\alpha=0^\circ$

	S	EPA
S1	0.0611m ² (0.658sq.ft)	0.79ft ²
S2	0.1903m ² (2.048sq.ft)	2.458ft ²
S3	0.0443m ² (0.477sq.ft)	0.572ft ²

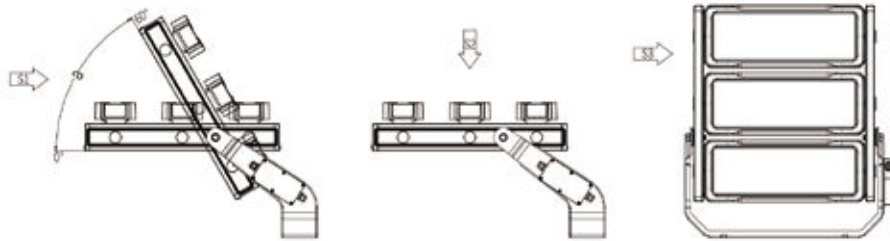
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	S	EPA
S1	0.1401m ² (1.508sq.ft)	1.810ft ²
S2	0.1839m ² (1.979sq.ft)	2.735ft ²
S3	0.0443m ² (0.477sq.ft)	0.572ft ²

$\alpha=60^\circ$

	S	EPA
S1	0.1840m ² (1.981sq.ft)	2.377ft ²
S2	0.1417m ² (1.525sq.ft)	1.83ft ²
S3	0.0443m ² (0.477sq.ft)	0.572ft ²

Projection Area
900W



$\alpha=0^\circ$

	S	EPA
S1	0.0611m ² (0.658sq.ft)	0.790ft ²
S2	0.2856m ² (3.074sq.ft)	3.689ft ²
S3	0.0726m ² (0.781sq.ft)	0.937ft ²

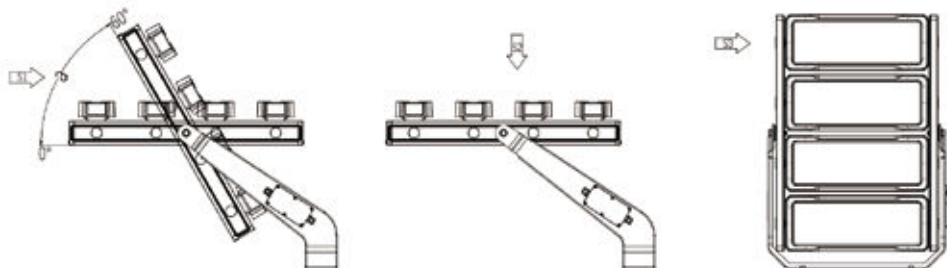
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	S	EPA
S1	0.1947m ² (2.096sq.ft)	2.515ft ²
S2	0.2642m ² (2.844sq.ft)	3.413ft ²
S3	0.0726m ² (0.781sq.ft)	0.937ft ²

$\alpha=60^\circ$

	S	EPA
S1	0.2692m ² (2.898sq.ft)	3.478ft ²
S2	0.1944m ² (2.093sq.ft)	2.512ft ²
S3	0.0726m ² (0.781sq.ft)	0.937ft ²

Projection Area
1200W



$\alpha=0^\circ$

	S	EPA
S1	0.0611m ² (0.658sq.ft)	0.790ft ²
S2	0.3837m ² (4.130sq.ft)	4.956ft ²
S3	0.0928m ² (0.999sq.ft)	1.199ft ²

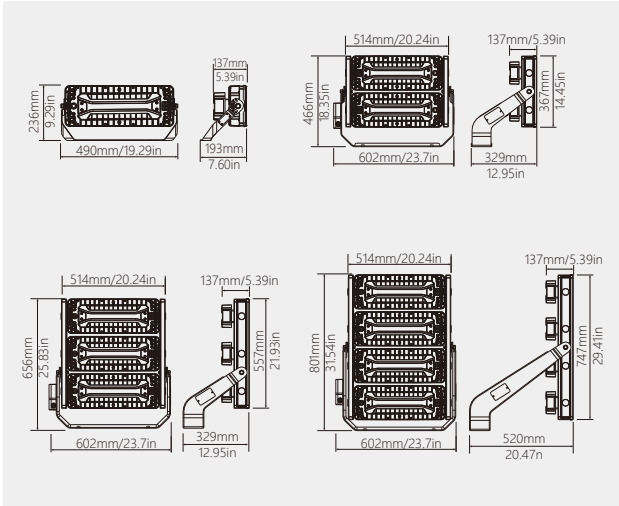
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	S	EPA
S1	0.2392m ² (2.575sq.ft)	3.09ft ²
S2	0.3573m ² (3.846sq.ft)	4.615ft ²
S3	0.0928m ² (0.999sq.ft)	1.199ft ²

$\alpha=60^\circ$

	S	EPA
S1	0.3545m ² (3.816sq.ft)	4.579ft ²
S2	0.2438m ² (2.624sq.ft)	3.149ft ²
S3	0.0928m ² (0.999sq.ft)	1.199ft ²

Dimension (mm)



Visor Optional



Applications

Outdoor / Indoor / Industrial

- Sports & recreational fields
- Large-scale outdoor events
- Industrial and construction sites
- Parking lots and garages
- Crane lighting
- Security and outdoor surveillance

Photometric Diagrams

