



JAGUAR SERIES

SPECIFICATION



INTRODUCTION

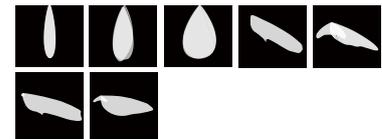
Patented c series LED sports lights have an elegant appearance with die-cast modules, IK rating is IK08

Vertically and horizontally rotatable heat sink design makes every module flexibly targeting to specified point to get much better light uniformity on sports field.

Upward light ratio=0 for light fixture with symmetrical beams and spill covers

Upward light ratio=0 for light fixture with asymmetrical beams

Optional long distance wireless control system and DMX control system



SPECIFICATIONS

Input Voltage	AC90-305V/AC108-528V	Housing	Aluminum
LED Brand	Lumileds 5050	Rotatable Modular Design	Horizontally 15°
CRI	70 80 90	Wattage/Module	Symmetrical: 180W Asymmetrical: 150W
Operating Temp	-40°C To 55°C	Dimming Solutions	0-10V Dimming, DALI, DMX, clo, Zigbee
Power Factor	>0.95	CCT	3000K 4000K 5000K 5700K 6500K
Warranty	5 Yrs Warranty	Wireless Control	Available
IP Rate	IP66	Beam Angle	20°, 40°, 60°, asymmetric A60, A60W, A70, A70W
Bracket	Stainless steel	Driver	INVENTRONICS, MEANWELL, SOSEN
IK Rate	IK08	Windload Test	17 class windload(56.1-61.2m/s, 240kg/square meter)
L70 Hour	>100.000h	Optional Accessories	SPD, Zigbee Gateway, Zigbee Controller, Zigbee Wall Switch

MODEL	SG-JR-180W	SG-JR-360W	SG-JR-540W	SG-JR-720W	SG-JR-900W	SG-JR-1080W	SG-JR-1440W	SG-JR-1800W
WATTAGE Symmetrical	180W	360W	540W	720W	900W	1080W	1440W	1800W
MODEL QTY	1	2	3	4	5	6	8	10
LUMEN EFFICIENCY Symmetric	170LM/W	170LM/W	170LM/W	170LM/W	170LM/W	170LM/W	170LM/W	170LM/W
LUMEN OUTPUT	30600LM	61200LM	91800LM	122400LM	153000LM	183600LM	244800LM	306000LM

MODEL	SG-JR-150W	SG-JR-300W	SG-JR-450W	SG-JR-600W	SG-JR-750W	SG-JR-900W	SG-JR-1200W	SG-JR-1500W
WATTAGE Asymmetrical	150W	300W	450W	600W	750W	900W	1200W	1500W
MODEL QTY	1	2	3	4	5	6	8	10
LUMEN EFFICIENCY Asymmetrical	145LM/W	145LM/W						
LUMEN OUTPUT	21750LM	43500LM	65250LM	87000LM	108750LM	130500LM	174000LM	217500LM

remark: lumen output varies by the beam angles, CCT, CRI, etc, please contact us to get more specific data if needed

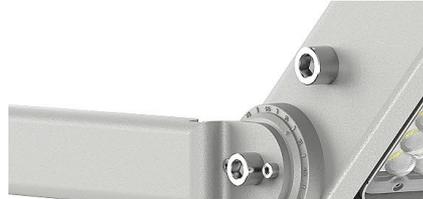
Obtrusive Light Control Solution

The application of asymmetric lenses help cut off all the obtrusive light from the back and upward.



Rotatable Modular Design

Each module can be rotated Horizontally 15°, bringing more flexible lighting solutions and more precise light targeting.



DMX Control Entertainment System



SOGA DMX entertainment system is designed to provide different flashing effects to players and fans.

Long Distance Wireless Control System

No Wires Exposed To Avoid Bird Pecking



Stainless Steel Conduit

Protect the cable from any potential damage, like bird, rugged weather etc.

Protection Mesh Cover on Back

Keep the lamp always clean from the bird droppings or leaves, avoid the birds build the nests on lamp. The perfect heat dissipation performance

OBTRUSIVE LIGHT CONTROL SYSTEM



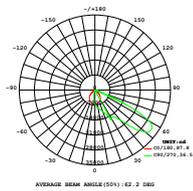
JAGUAR Series LED sports light delivers precise asymmetric light distributions, unique backlight cut-off control avoid spill light in the neighborhood, that makes EAGLE Series LED sports lights the best choice for high residential area and professional sports stadium.

Installation angle less than 10°

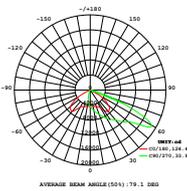
Comply with following glare control standards:

- ✓ EN 12193: 2018 Standard
- ✓ AS/NZS 4282:2019 Standard

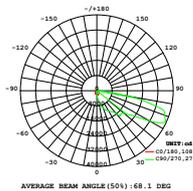
TYPE OF LENS:
Asymmetric 60° narrow



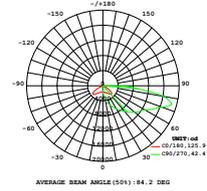
TYPE OF LENS:
Asymmetric 60° wide



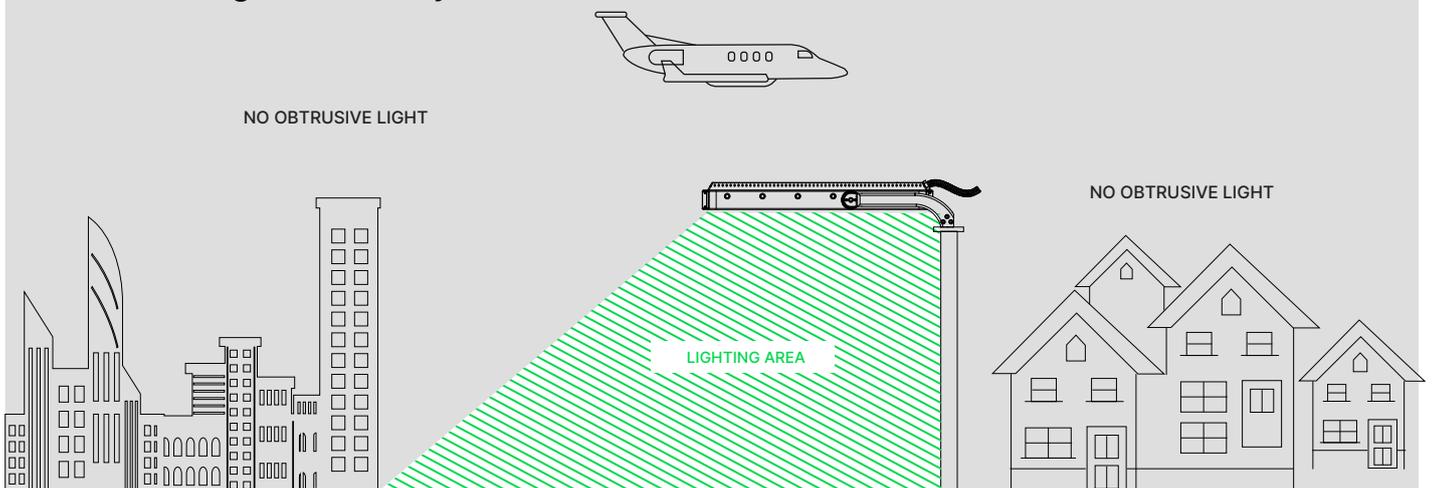
TYPE OF LENS:
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Asymmetric 70° wide



Obtrusive Light Control System



OPTIONAL ACCESSORIES

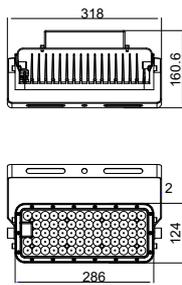


20KV SPD

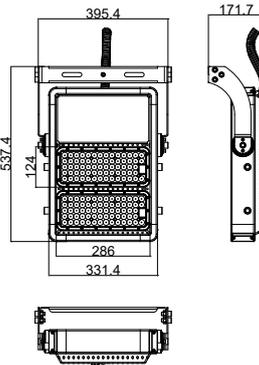
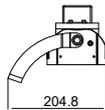
Zigbee Gateway

Zigbee Controller

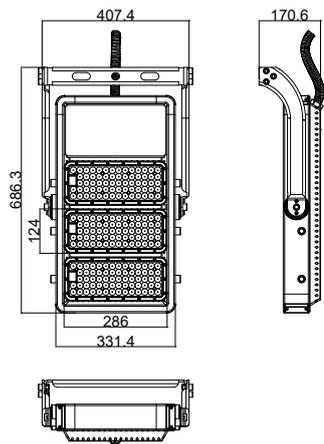
PRODUCT SIZE



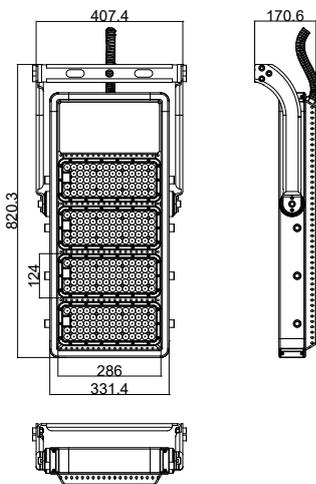
SG-JR-150W



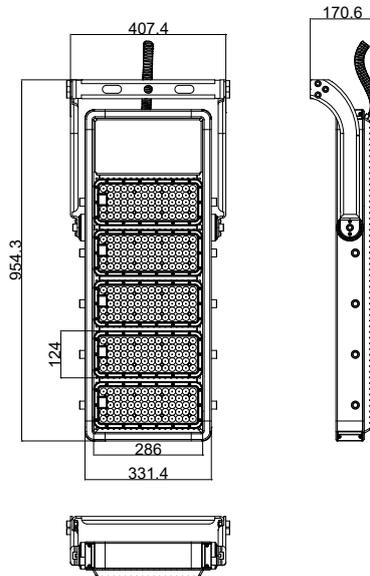
SG-JR-300W



SG-JR-450W

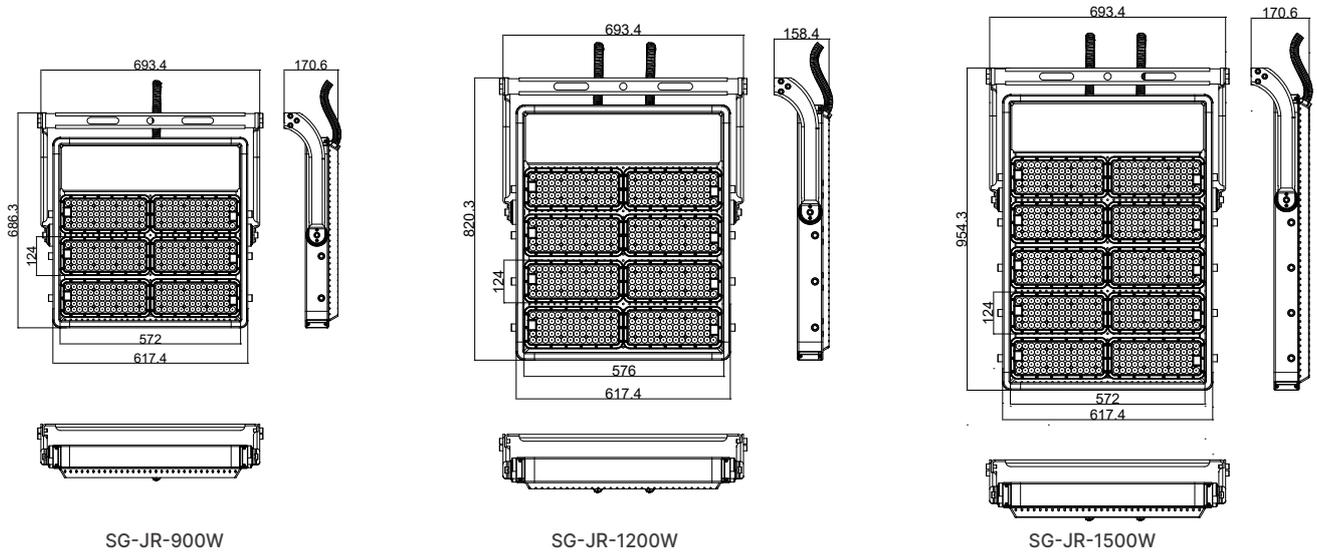


SG-JR-600W



SG-JR-750W

PRODUCT SIZE



APPLICATION



TENNIS COURT



HIGH POLE LIGHT



OUTDOOR PARKING



FOOTBALL FIELD