



PRODUCT DESCRIPTION

By providing superior high output and high efficiency, this sport light series is the ideal solution for outdoor sports lighting such as municipal, school and semiprofessional outdoor sports lighting. Dynamic thermal management design maximizes heat dissipation and significantly improves the life of luminaires. Built-in surge suppression adds an extra layer of protection to the luminaire driver. Versatile mounting bracket for hassle-free installation.



PART #: RGL-600W-SPL-57K-TOWER

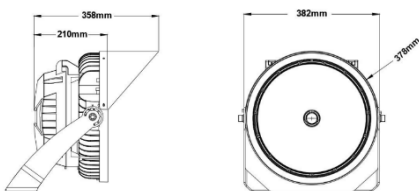


PRODUCT FEATURES & COMMON USE APPLICATIONS

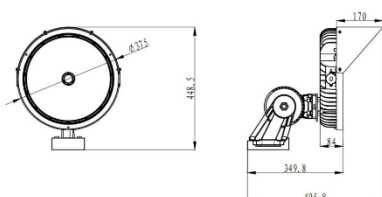
- | | |
|---|---|
| <ul style="list-style-type: none"> ✓ UL cUL ✓ Input voltage 120-277Vac(277-480Vac) ✓ IK10 Shatterproof certification ✓ No UV or IR in the beam ✓ Easy to install and operate ✓ Energy saving, long lifespan ✓ Instant start, NO flickering, NO humming ✓ Green and eco-friendly without mercury ✓ Output constant current lever can be adjusted through output cable with 0-10V. | <ul style="list-style-type: none"> ✓ Stadium Fields ✓ Gymnasium ✓ Square plaza ✓ Shipyard, Airport, wharf ✓ High mast and Contour lighting, etc. |
|---|---|

PRODUCT DIMENSIONS

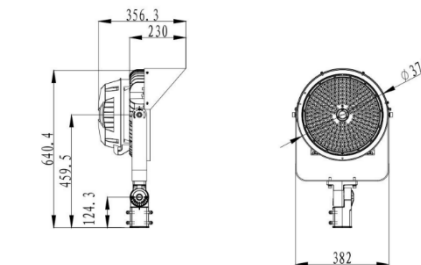
SF Bracket (only for 300-600W)



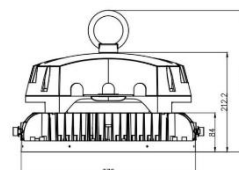
Knuckle Assy Bracket (only for 300-600W)



Rugged Grade Lighting
Industrial Grade Solutions



Hook using as high bay (only for 300-600W)



**LEGENDARY
USA SUPPORT**



US based
phone and online
customer support

DLC
CERTIFIED

5 YEARS
WARRANTY

UL
LISTED



888-953-2476
sales@ruggedgrade.com

PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: $\pm 10\%$)	600W
	Color Temperature	5700K
	Lumen (Tolerance: -10%)	96,000 LM
	Efficacy (Tolerance: -3%)	160 LM/W
	CRI	>70
	Distribution Pattern	Available in: 10°, 15°, 20°, 40°, 60°, 80°
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance: -3%)	≥ 0.9
	THD (Tolerance: $+5\%$)	$\leq 20\%$
	Flicker Percent	$<5\%$
	Driver Brand	Rugged Grade
	Driver Model	RG-600W-120-277V
	Driver Surge protection	Max 20KV
	Dimming	0-10V dimming standard
	Optional Accessory	See Accessory list below
	Housing	Die-cast aluminum
	Housing Color	Silver,
	Waterproof Rating	WET (IP66)
OTHERS	Operating Temperature	-40°C to 50°C (-40°F to 122°F)
	Storage Temperature	-40°C to 50°C (-40°F to 122°F)
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C .

PRODUCT ACCESORIES

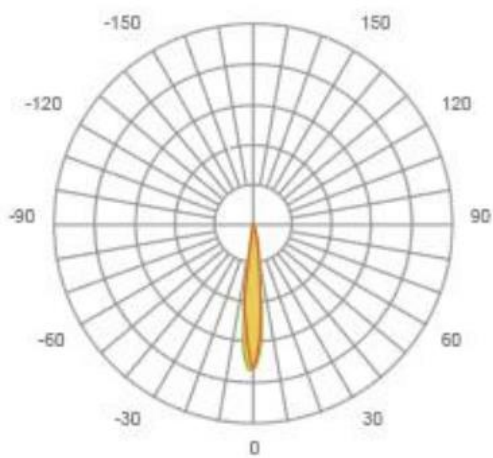
• Accessory



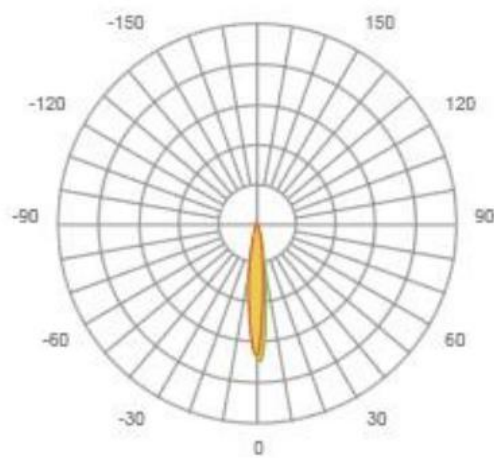
• Other installation options



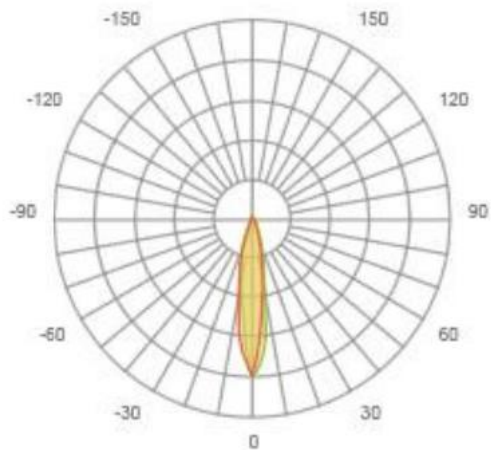
PHOTOMETRICS



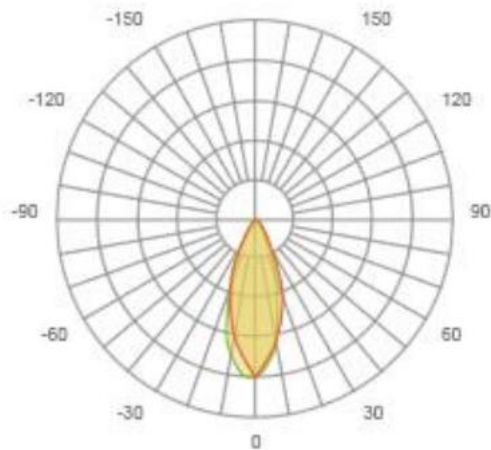
10°



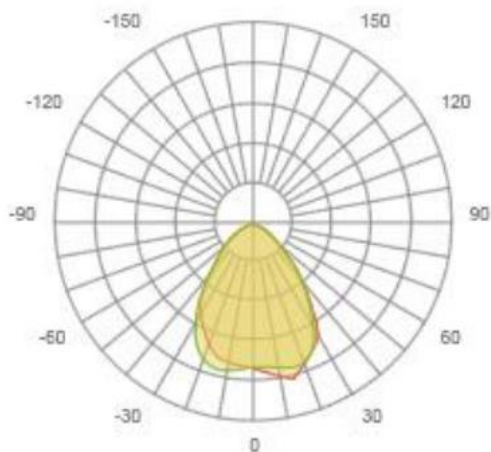
15°



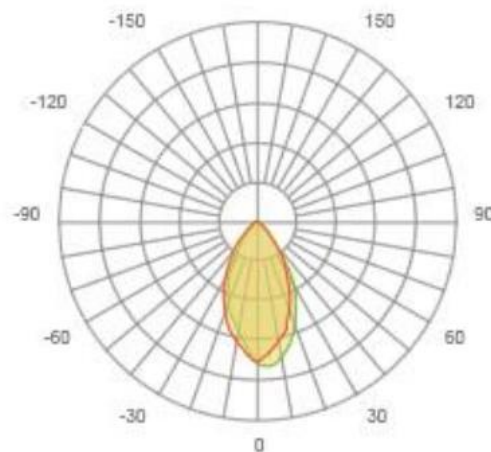
20°



40°



60°



80°



PRODUCT WARNINGS

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line.
- Please make sure the wiring section is insulated.
- Professionals must install and disassemble the lamps.
- Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!

BETTER LIGHTS. BETTER SUPPORT.

