



PRODUCT DESCRIPTION

THIS LIGHT IS DESIGNED FOR LANDSCAPE LIGHTING, WITH A VARIETY OF BEAM ANGLES. THE LAMP HAS FOUR KINDS OF LIGHT EMITTING MODES, SINGLE WHITE, CCT ADJUSTABLE, RGB AND RGBW, AS WELL AS FOUR CONTROL FUNCTIONS OF 0-10V DIM, DALI DIM, BLUETOOTH CONTROL AND DMX CONTROL, WHICH CAN ENSURE NORMAL USE IN VARIOUS OCCASIONS

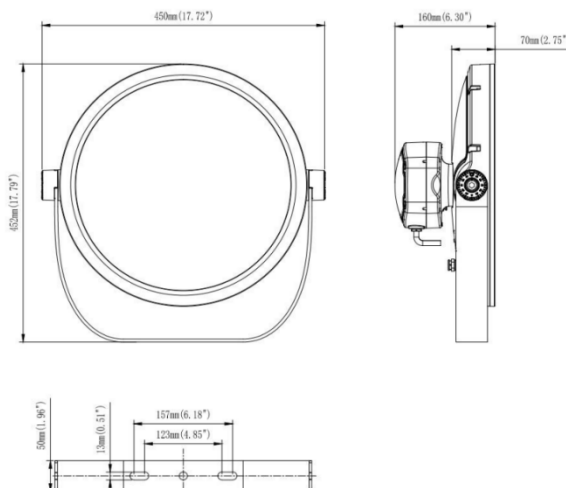


RG-150W-RGB-3D

PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ UL cUL
- ✓ Input voltage 120-277Vac
- ✓ No UV or IR in the beam
- ✓ IK08 Shatter proof rating
- ✓ 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.
- ✓ Stadium Fields
- ✓ Gymnasium
- ✓ Square plaza
- ✓ Shipyard, Airport, wharf
- ✓ High mast and Contour lighting, etc.

PRODUCT DIMENSIONS



Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT



888-953-2476
sales@ruggedgrade.com

PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: $\pm 10\%$)	150W			
	Color Temperature	R(620-630nm)	G(520-530nm)	B(470-480nm)	W(4000K)
	Lumen (Tolerance: -10%)	15000 LM			
	Efficacy (Tolerance: -3%)	100 LM/W			
	CRI	>80			
	Beam Angle (50%) (Tolerance: $\pm 15\%$)	3° (available in 8/12/30/60/75)			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz			
	PF (Tolerance: -3%)	≥ 0.9			
	THD (Tolerance: $+5\%$)	$\leq 20\%$			
	Flicker Percent	$<5\%$			
	Dimming	0-10V dimming standard			
	Optional Accessory	See list below			
	Housing	Die-cast aluminum			
	Housing Color	Black, White, or Customized			
	EPA	1.12ft ²			
OTHERS	Waterproof Rating	WET (IP66)			
	Operating Temperature	-30°C TO 50°C			
	Storage Temperature	-30°C TO 50°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years warranty			

PRODUCT ACCESSORIES



Safety rope
Stainless steel rope, 1m length.



Visor
Prevention of light pollution.



Visor
Prevention of light pollution.



Ground spike



Ground spike



Embrace hoop
Suitable for pipeline installation.



DMX termination resistor



Signal amplifier



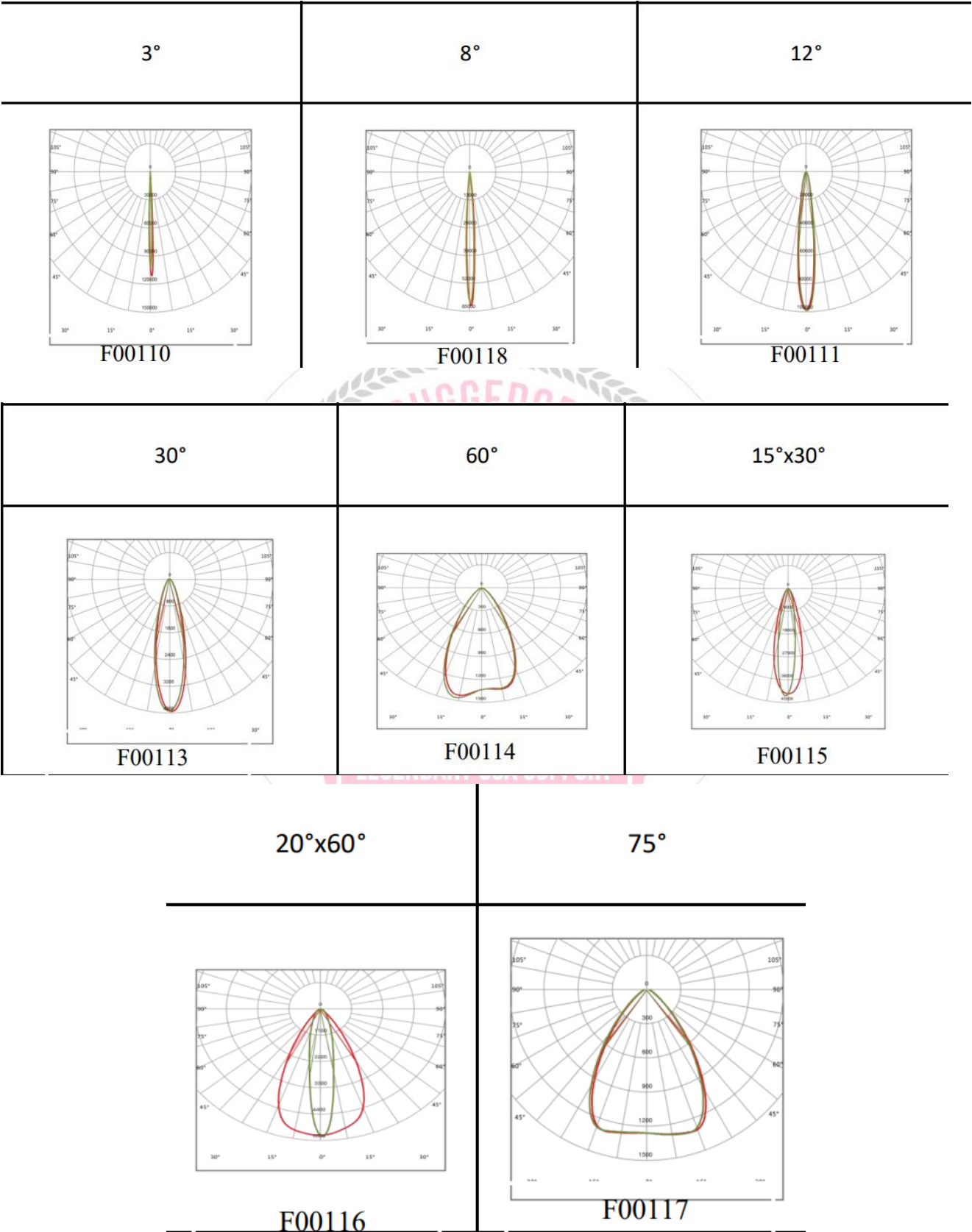
Dust cover
Used for the dustproof at the joint of each string of luminaires.



Clamp mount bracket
SPCC materials, for dia. 40mm - 150mm pole.(for 100W-150W)



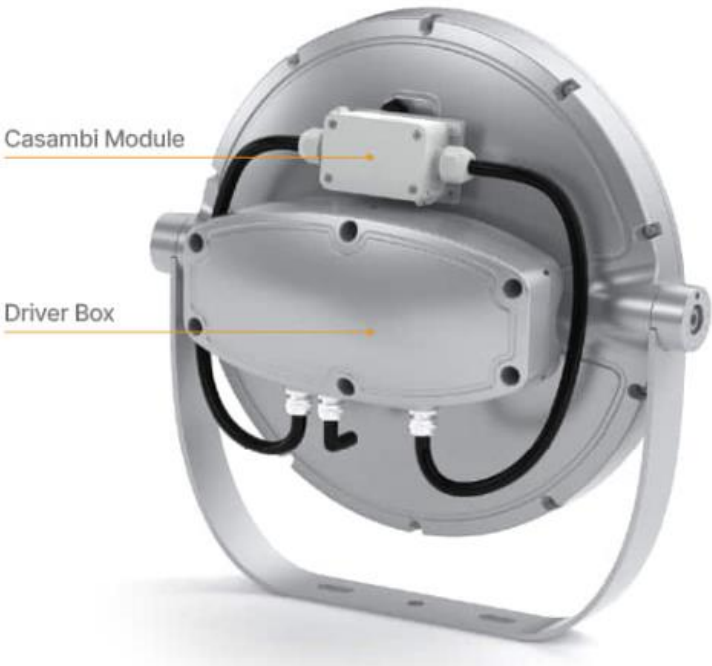
PHOTOMETRICS



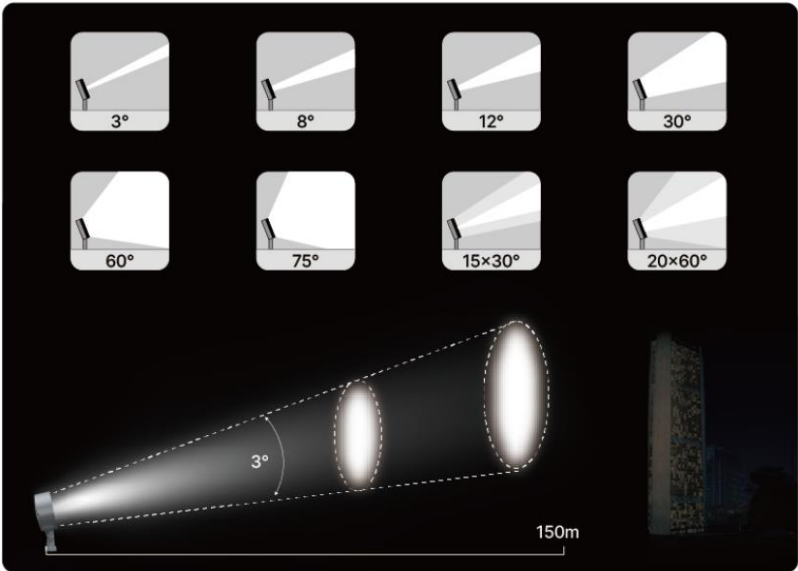
PRODUCT PACKAGING

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	525x495x235mm (20.66"x19.48"x9.25")	1 PCS	10±0.3kg (22.04±0.66Lbs)	11.5±0.3kg (25.35±0.66Lbs)

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



Ultra-narrow 3° beam angle delivers powerful, long-range precision lighting for spotlight effects and distant illumination.



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.

