

PRODUCT DESCRIPTION

Ultimate Versatility in Lighting! The new security light is now packed with Tunable Technology from RuggedGrade giving you control to choose Kelvin Color on this fixture! With a High Efficiency of up to 90 Lumen to Watt, this version now gives you motion sensor capabilities!

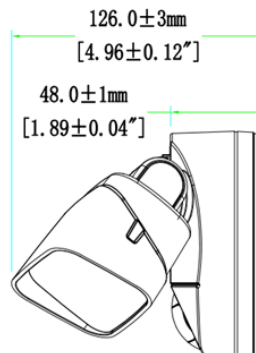
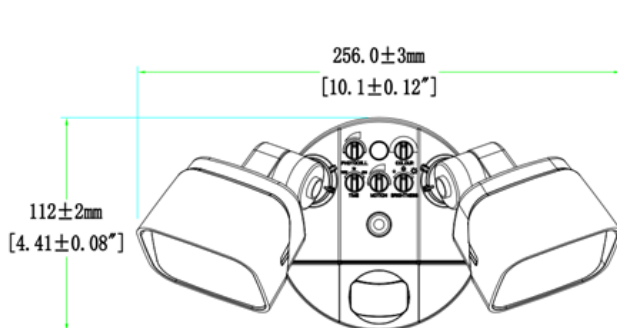


Part Number#: RGL-NOCTARA-25W

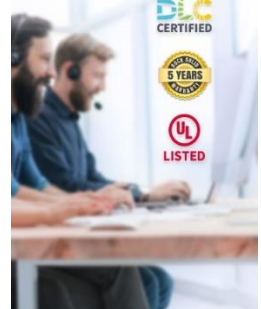
PRODUCT FEATURES & COMMON USE APPLICATIONS

- ETL Certification.
- Bridgelux Chip, high CRI
- IP65 driver, input voltage 120-277VAC.
- Color Adjustable.
- Photocell(Dusk to Dawn Sensor)
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Outdoor basketball court, tennis court.
- Front and Back Yards
- Badminton court, the football field.
- The school playground
- Community leisure entertainment plaza,
- Highway toll station ;
- Meeting room, exhibition hall ;
- Gymnasium and supermarkets, etc.

PRODUCT DIMENSIONS



LEGENDARY USA SUPPORT





PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	25W/16W/8W(Wattage Selectable)				
	Color Temperature (Color Tunable)	3000K	3500K	4000K	4500K	5000K
	Lumen(Tolerance: $\pm 10\%$)	2000LM	2075LM	2125LM	2175LM	2250LM
	Efficacy(Tolerance : $\pm 3\%$)	80LM/W	83LM/W	85LM/W	87LM/W	90LM/W
	CRI	>80				
	Color Consistency	<7 Steps (or <7 SDCM)				
	Distribution Pattern	Frosted plastic				
	Field Angle (10%) (Tolerance : $\pm 15\%$)	100 Degree				
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥ 0.9				
	THD (Tolerance : +5%)	$\leq 40\%$				
	Flicker Percent	<100%				
	Driver Brand	RuggedGrade				
	Driver Model	RG-25W-DOB				
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV				
	Dimming	None				
	Sensor Type	Motion Sensor				
	Optional Accessory	None				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	84 PCS				
	Housing	Plastic				
	Housing Color	White, Black, or Customized				
	EPA	0.28 ft ²				
	Waterproof Rating	WET (IP65)				
OTHERS	Operating Temperature	-40°C TO 45°C;				
	Storage Temperature	-40°C TO 80°C				
	Operating Humidity	20% - 90% RH				
	Storage Humidity	20% - 95% RH				
	Warranty	3years				

PRODUCT MOUNTS & ACCESSORIES



PHOTOMETRICS

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.1 V

Power: 23.96 W

Current: 0.211 A

Power Factor: 0.943

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 2218.0 lm

Efficiency: 100%

Upward Ratio: 4%

Central Intensity: 895.38 cd

Pos of Max. Intensity: H90 V21

Longitudinal Classification: Very Short

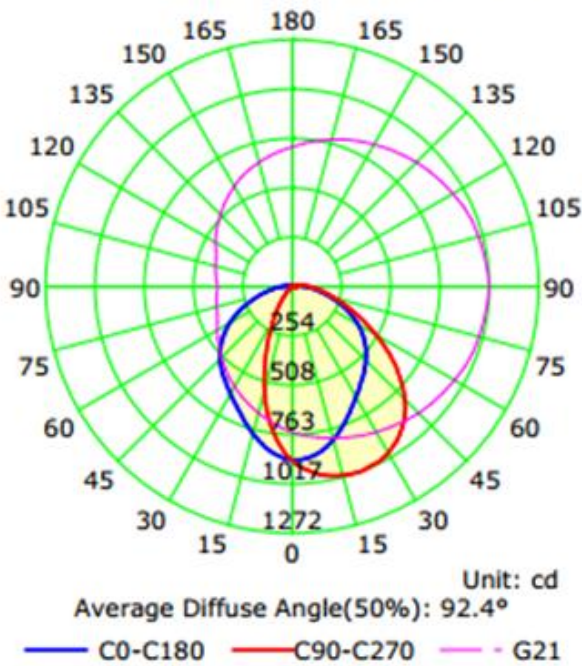
Measurement Flux: 2218 lm

Downward Ratio: 96%

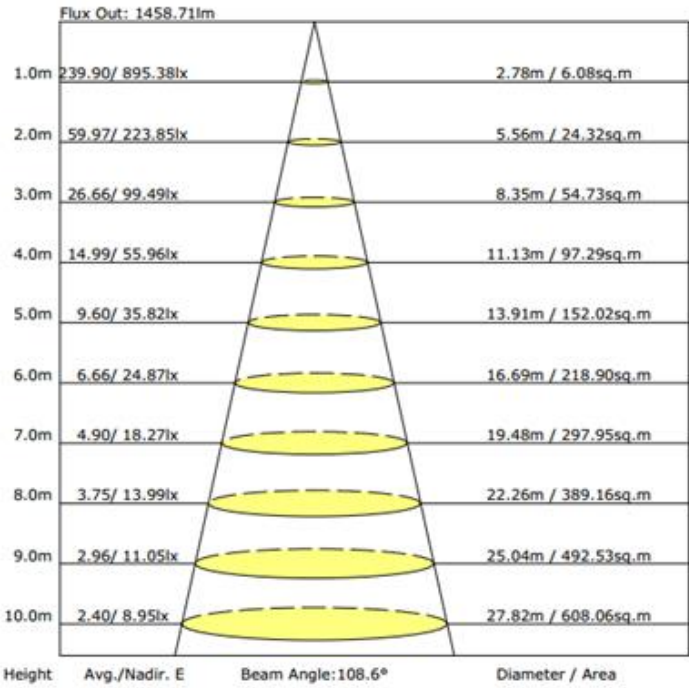
Luminaire Efficacy Rating (LER): 92.62

Max. Intensity: 1017.9 cd

Luminous Intensity Distribution Curve



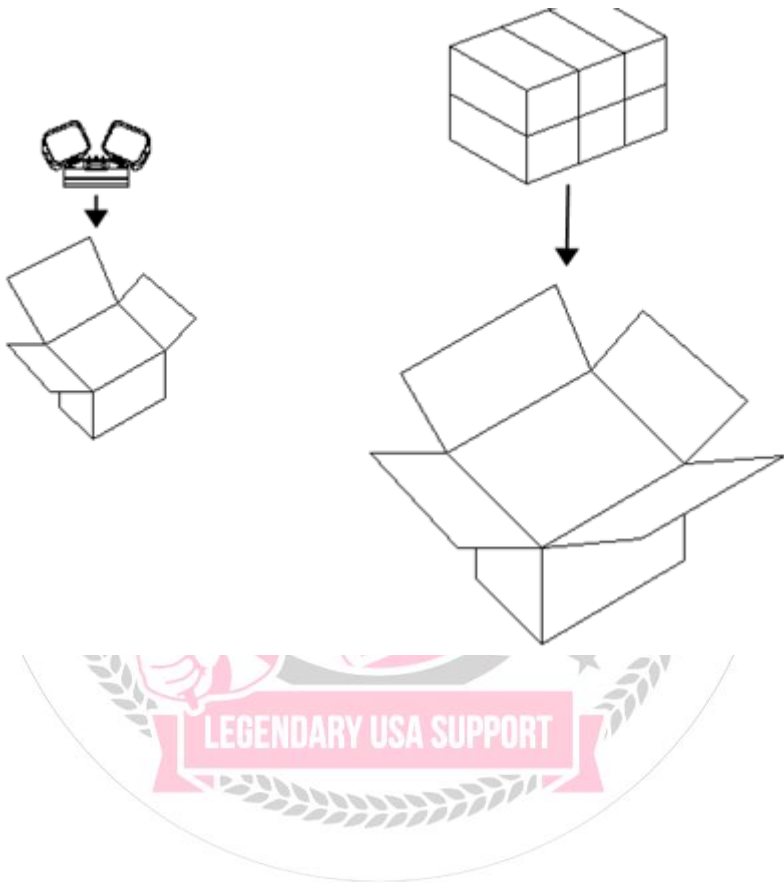
The Average Illuminance Effective Figure



PRODUCT PACKAGING

Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box:380*260*200mm [14.96*10.24*7.87inch]	6PCS	3KG [6.6 LBS]	3.8KG [8.4 LBS]
Inner box:190*120*120mm [7.48*4.72*4.72inch]	1PCS	0.44 KG [0.97 LBS]	0.56 KG [1.23 LBS]

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



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.

