

PRODUCT DESCRIPTION

THE NEW EROS II IS A NEW PRIVATE DESIGN LED SOLAR STREET LIGHT, WITH A SLIM DESIGN AND A HIGHER CONVERSION EFFICIENCY. MONO-CRYSTALLINE PHOTOVOLTAIC SOLAR PANEL THAT CAUSE A 140LM/W EFFICIENCY ALLOWS US TO MEET NEW AND BETTER STANDARDS.



Part #: RGL-EROS-II-50W

PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ Nice design with lighter weight, easier installation
- ✓ SAA/C-Tick/CE/CB/CCC/ROHS certification
- ✓ The controller has dimming and timer options
- ✓ Battery life is longer with an 8 hour charge that will last 3 days
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Adjustable Beam Angle
- ✓ Street Lighting
- ✓ Outdoor landscaping light
- ✓ Building, The Hotel.
- ✓ Parking Lot

PRODUCT DIMENSIONS



Power: 50w
Battery: 12.5Ah/12V
Solar Panel: 30W/18V
Luminaire Size(mm): 452*197*72mm

LEGENDARY USA SUPPORT

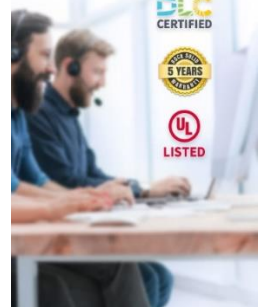


US based
phone and online
customer support

DLC
CERTIFIED

5 YEARS
WARRANTY

UL
LISTED



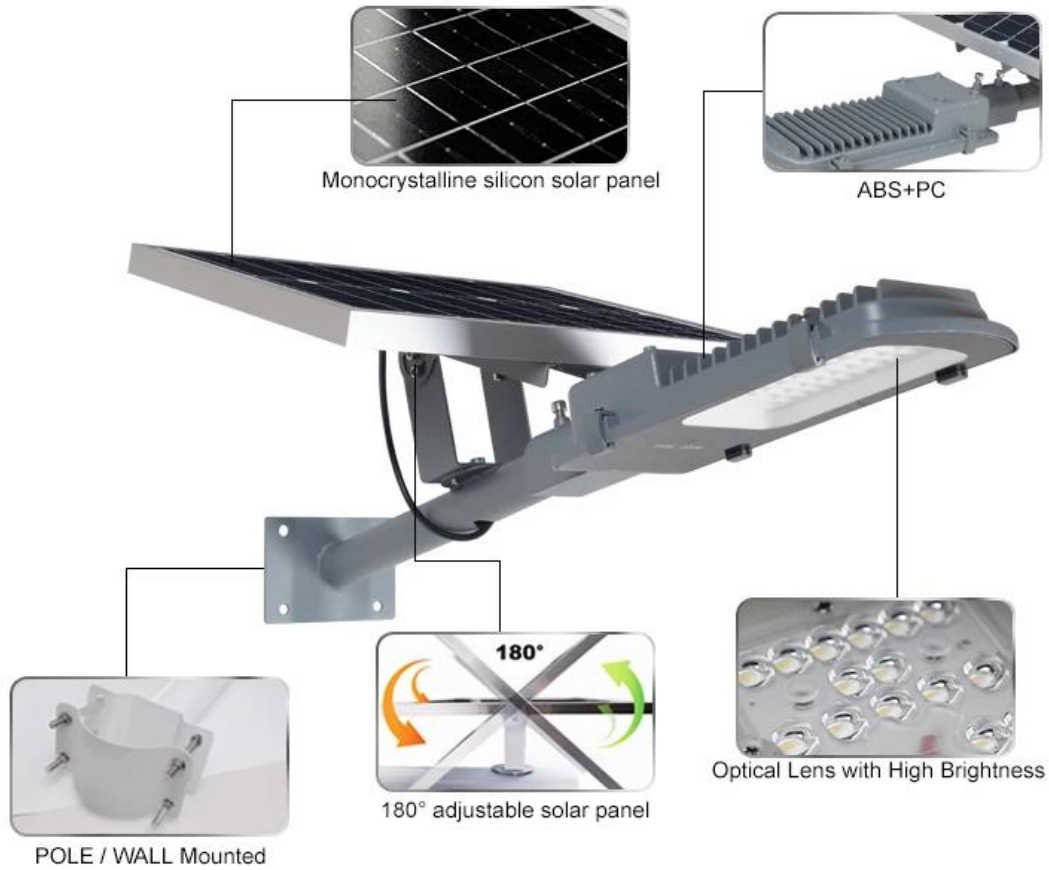
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: ±10%)	50W
	Color Temperature	6000K
	Lumen (Tolerance: -10%)	7000LM
	Efficacy (Tolerance: -3%)	140 LM/W
	Battery	6Ah 6.4V
	Solar Panel	25W/10V
	CRI	Ra70
	Color Consistency	< 6 Steps (or < 6 SDCM)
	Distribution Pattern	NEMA:4
	Beam Angle (50%) (Tolerance: ±15%)	70*120°
	Battery Capacity	230WH
ELECTRICAL	PF (Tolerance: -3%)	≥0.95
	THD (Tolerance: +5%)	≤20%
	Flicker Percent	<70%
	Driver Brand	RG
	Driver Model	RG-50W-120v
	Driver Surge protection	L/N-PE: 2.5kV, L-N:2.5kV
	Dimming	None
	Optional Accessory	None
MATERIALS	LED Brand	Philips/OSRAM
	LED Type	Philips/OSRAM
	LED QTY	NA
	Housing	Aluminum Alloy
	Housing Color	White
	Waterproof Rating	Wet(IP65)
	Operating Temperature	0°C TO 50°C
OTHERS	Storage Temperature	0°C TO 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	3 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.
	Charge Time	9Hrs(Fullpower>8hours,Intelligentmode3-4days)

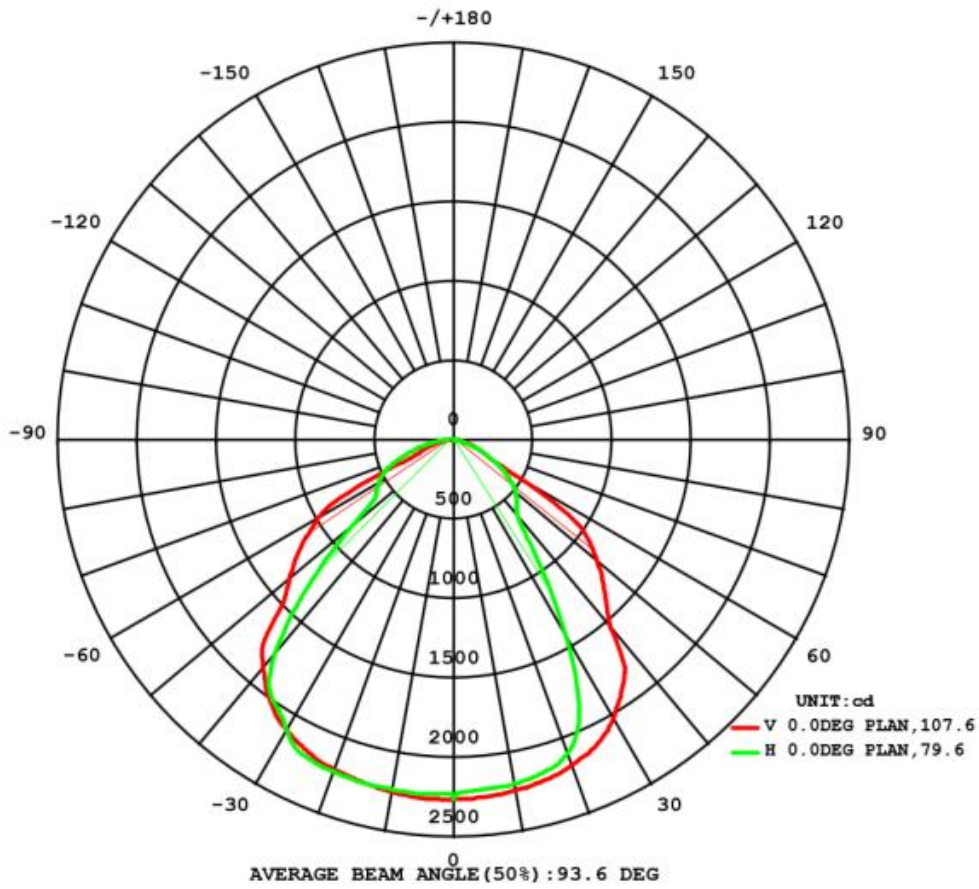
PRODUCT ACCESORIES



PRODUCT IMAGES & FEATURES



PHOTOMETRICS



Flux out: 2897 lm

Height	Eavg, Emax	Angle: 79.55deg	Diameter
2m	327.5, 566.6lx		333.00cm
4m	81.87, 141.6lx		666.00cm
6m	36.39, 62.95lx		999.00cm
8m	20.47, 35.41lx		1332.00cm
10m	13.10, 22.66lx		1665.00cm
12m	9.097, 15.74lx		1998.00cm
14m	6.683, 11.56lx		2331.00cm
16m	5.117, 8.853lx		2664.00cm
18m	4.043, 6.995lx		2997.00cm
20m	3.275, 5.666lx		3330.00cm



PRODUCT PACKAGING

Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
480*360*140 MM	1 PC	6.6 KG	7.6 KG

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



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.**



CERTIFIED



LISTED



LEGENDARY RUGGEDGRADE QUALITY
LEGENDARY USA SUPPORT



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ROCK SOLID
5 YEARS
WARRANTY