

## PRODUCT DESCRIPTION

THE NEW SOLAR SERIES IS A NEW PRIVATE DESIGN LED SOLAR STREET LIGHT, WITH A SLIM DESIGN AND A HIGHER CONVERSION EFFICIENCY. MONO-CRYSTALLINE PHOTOVOLTAIC SOLAR PANEL WITH A 3.2V INPUT.



Part #: RG-25W-SOLAR

## PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ Nice design with lighter weight, easier installation
- ✓ Battery life is longer with an 12 hour charge
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Street Lighting
- ✓ Outdoor landscaping light
- ✓ Building, The Hotel.
- ✓ Parking Lot

## PRODUCT DIMENSIONS



## LEGENDARY USA SUPPORT

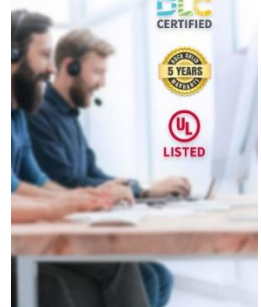


US based  
phone and online  
customer support

DLC  
CERTIFIED

5 YEARS  
WARRANTY

UL  
LISTED



## PRODUCT TECHNICAL SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance: ±10%)	25W
	Color Temperature	5000K
	Lumen (Tolerance: -10%)	5000LM
	Input Voltage	3.2 V
	Battery	3.2V/30000mAh
	Solar Panel	5V/25W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	Installation Height	2.5 – 5 Meters
	Beam Angle (50%) (Tolerance: ±15%)	180°
	Battery Capacity	200WH
	Flicker Percent	<70%
<b>ELECTRICAL</b>	Driver Brand	RG
	Driver Model	RG-20W
	Driver Surge protection	None
	Dimming	None
	Optional Accessory	None
	LED Brand	SMD 3030
	LED Type	SMD 3030
	LED QTY	160
<b>MATERIALS</b>	Housing	Aluminum Alloy
	Housing Color	Black
	Waterproof Rating	Wet(IP65)
	Operating Temperature	-25°C TO 50°C
	Storage Temperature	-20°C TO 45°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.	
<b>OTHERS</b>	Charge Time	12hours(with enough strong shine)

## PRODUCT ACCESORIES



PRODUCT IMAGES



## PRODUCT IMAGES & FEATURES

lamp details ▶



### LiFePO4 battery

Built-in 30AH large-capacity battery, high safety performance, long lifespan, more than 2000 charge and discharge cycles, fast charging rate



### Monocrystalline solar panel

Efficient conversion of photovoltaic panels, which can quickly absorb energy and charge normally in rainy weather



### Push-button waterproof switch

After turning on the switch, you need to wait for 10s (Solar lights need to be turned on in the dark)



### PC milky white lampshade

Wide irradiated area, light transmittance up to 90%



### High lumen 3030 chip

High-power LED chip, bright light, lifespan can reach 60,000-100,000 hours



### Thick die-cast aluminum

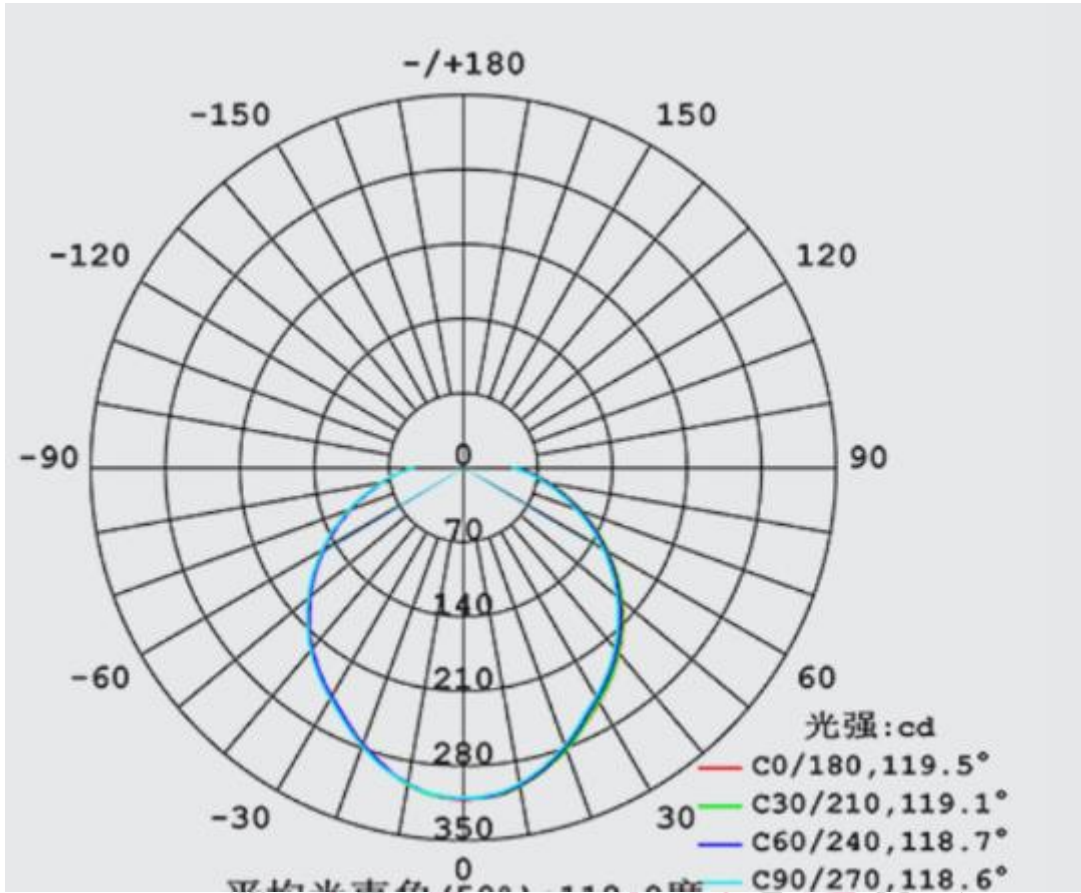
All-aluminum lamp body, waterproof and durable. Put it into the light pole and fix it with 4 hexagonal screws, the inner diameter is 76mm

### Wishbone bush/ Courtyard Lighting

TYPE: This light type is mainly used in villa gardens, parking areas, park squares, community scenic spots villa courtyards and modern architectural lighting environments. 360-degree light, the lamp is suitable for installation height of 2.5-5 meters.



## PHOTOMETRICS



PACKAGING



LED garden light\*1



Inner foam



Outer box

Version	Package	Quantity	Carton quantity	Carton size ( mm )	Net weight kg	Gross weight kg
Solar powered	Inner box	/	/	/	/	/
	Outer box	1	1	485 x 485 x 240	5.32	6.44



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.**



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