



### PRODUCT DESCRIPTION

The new solar barn light is the cutting edge in eco friendly solar lighting. It comes in sleek black, so its not only esthetically pleasing but also optimal with the inclusion of the motion sensor!



DLC #:

RGL-SOLAR-BL-50W

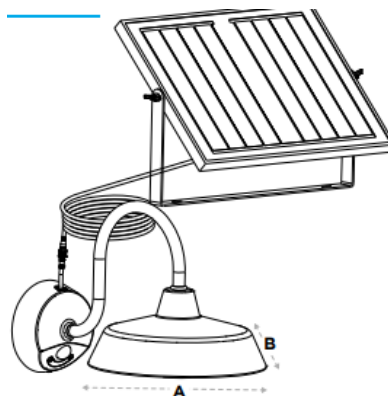
### PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, certificate
- Lumileds 2835, high CRI.
- includes motion sensor
- Output constant current lever can be adjusted throughout cable with 0-10V.
- No UV or IR in the beam.
- Wattage adjustable feature enabled with wattage dial device (sold separately).
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Entrance lighting, courtyard lighting;
- Industrial lighting, Outdoor landscape lighting;
- Building, The hotel;
- Wall lighting area and so on.

### PRODUCT DIMENSIONS

#### Light Dimensions

- A: 15.5"
- B: 9.57"
- C: 10"



#### Panel Dimensions

- A: 13.75"
- B: 9.75"

#### LEGENDARY USA SUPPORT



US based phone and online customer support



5 YEARS WARRANTY



LISTED

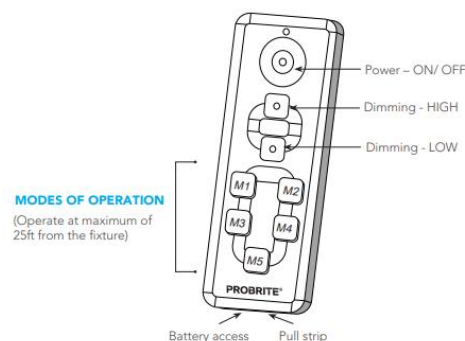




### PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	50W
	Color Temperature	5000K
	Lumen (Tolerance : -10%)	5000LM
	Efficacy (Tolerance : -3%)	100LM/W
	CRI	>70
	Battery Specification	32700 9.6V 6000mah
	Full Charging Time	8HR
	Diffuser Type	PC Lens
	Battery Material	Lithium iron Phosphate
	Battery Lifetime	1000 Cycles
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	Specification of solar panel	Monocrystalline 10W 10V 1A
	Discharge current	1.56A
	Flicker Percent	<30%
	Driver Brand	Rugged Grade Lighting
	Driver Model	Rugged Grade AS Driver
	Function	<p><b>Light control function:</b> Turn on 10-50LUX and Turn off 20-150LUX</p> <p><b>Time Control function:</b> IC working mode: 1H-100%, 4H-50%, 5H-20%, 2H-40%</p> <p><b>Remote control functions:</b> ON/OFF, Automatic, 4H,6H,8H,10H, Dimming and other control modes</p>
	Dimming	20% / 40% / 60% / 80% / 100%
Optional Accessory	Motion Sensor, Surge-protective Device	
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	80PCS
	Housing	Die-cast aluminum
	Housing Color	Bronze
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-20°C TO 40°C;
	Battery Operating Temperature	0°C (32°F)-40°C (104°F) (while charging) -20°C(-4°F) - 40°C
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime

### PRODUCT MOUNTS & ACCESSORIES

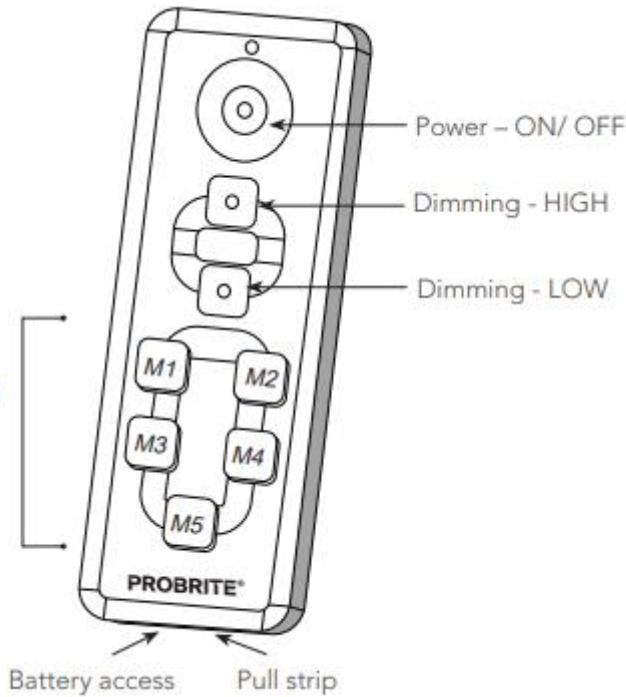




### OPERATIONAL GUIDE

#### MODES OF OPERATION

(Operate at maximum of 25ft from the fixture)



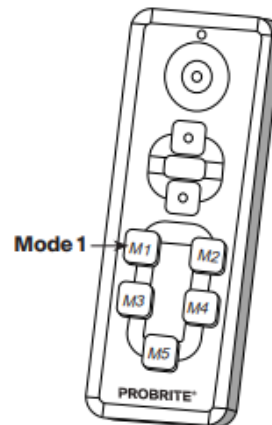
#### OPTION 1: 4 HOURS MODE (M1)

4 HOURS MODE enables the light fixture to turn ON for 4 hours at 400 lumens ambient light. Upon motion detection, light emits 4000 lumens for security lighting.

- Once this mode is selected it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming will be proportionate to the lumens (400) in the selected mode, until the fixture is manually turned off or a new mode has been selected.



**NOTE:** The fixture will emit 4000 lumens for 20 seconds upon each motion detected, for up to 3 minutes. Each motion detection thereafter will be limited to 2000 lumens until the next charge.





## 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.

### LEGENDARY USA SUPPORT

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.

