

PRODUCT DESCRIPTION

The new solar wall pack is innovative and above all eco-friendly! This new solar wall pack comes with a built-in motion sensor making the most out of its battery.

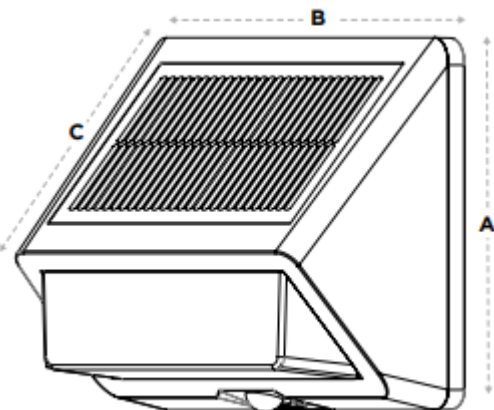


Part #: RGL-35W-SOLAR-WP

PRODUCT FEATURES & COMMON USE APPLICATIONS

- Output constant current level can be adjusted through output cable with 0-10V.
- Wattage adjustable.
- 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
- Entrance lighting, courtyard lighting;
- Industrial lighting, Outdoor landscape lighting;
- Building, The hotel;
- Wall lighting area and so on.

PRODUCT DIMENSIONS



15w

45w

A	9.8 in	A	16.5 in
B	8.8 in	B	13.9 in
C	5.7 in	C	8.3 in

Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT

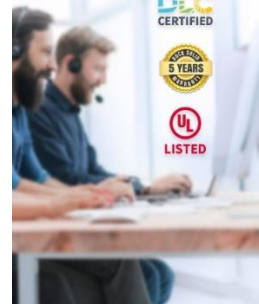


US based
phone and online
customer support

DLC
CERTIFIED

5 YEARS
WARRANTY

UL
LISTED



888-953-2476
sales@ruggedgrade.com

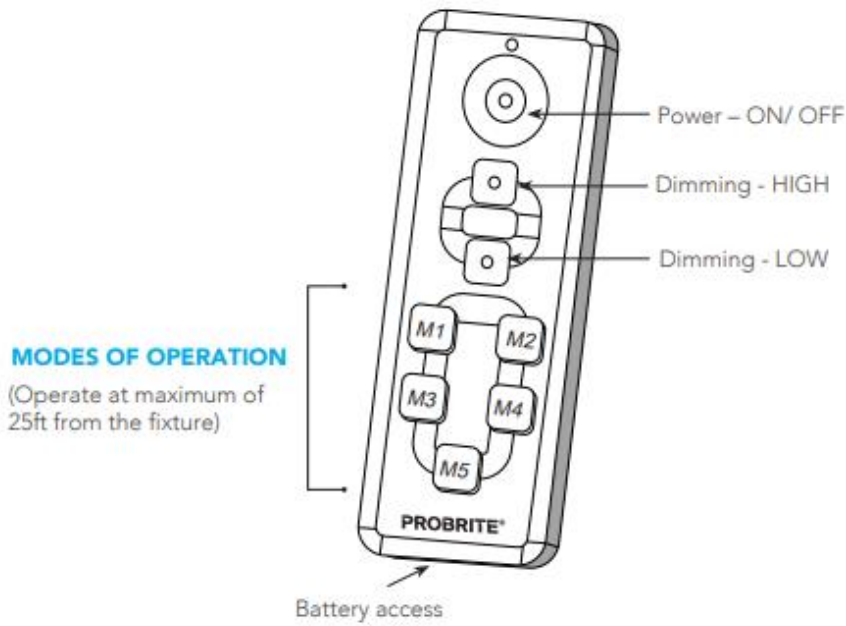
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	45W
	Color Temperature(Color tunable)	5000K
	Lumen (Tolerance : ±10%)	4000LM
	Efficacy (Tolerance : ±3%)	114LM/W
	CRI	>70
	Lifespan	25,000 Hours
	Function	Remote control functions: ON/OFF, Automatic, 4H,6H,8H,10H, Dimming and other control modes
	Diffuser Type	PC
	Installation Height	10-14 ft
ELECTRICAL	Full Charging Time	8 Hours
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	< 30%
	Driver Brand	RuggedGrade Lighting
	Driver Model	RuggedGrade Lighting Driver
	Dimming	20% / 40% / 60% / 80% / 100%(Remote Controlled)
	Sensor Type	Motion Sensor
	Battery Material	Lithium ion Phosphate
	Battery Lifetime	>1000 Cycles
MATERIALS	Specification of solar panel	10V/1A 10W
	LED QTY	208 PCS
	Housing	ABS + PC + Metal
	Discharge current	5A (MAX)
	Waterproof Rating	WET (IP65)
	Operating Temperature	-20°C (-4°F) - 40°C (104°F)
OTHERS	Battery Operating Temp.	0°C (32°F)-40°C (104°F) (while charging) -20°C(-4°F) - 40°C
	Installation Height	10-14 ft
	Product size	16.5 x 13.9 x 8.3 in
	Lifespan	25,000 Hours
	Battery Specification	6.4V/6AH 32700*2

PRODUCT MOUNTS & ACCESSORIES



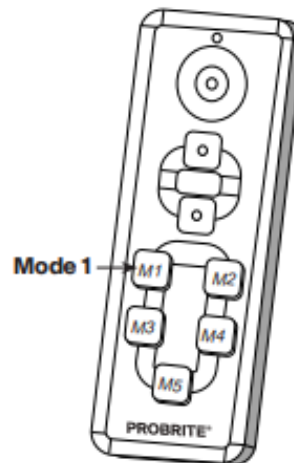
OPERATIONAL GUIDE



OPTION 1: 4 HOURS MODE (M1)

4 HOURS MODE enables the light fixture to turn ON for 4 hours at 150 (400) lumens ambient light. Upon motion detection, light emits 1500 (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 in the selected mode, until the fixture is manually turned off or a new mode has been selected.



NOTE: Lumens are depicted below with the following format: SPRW15 (SPRW45).



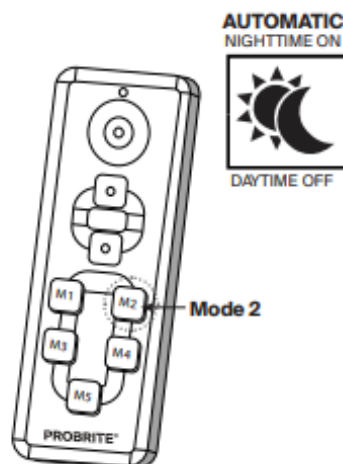


OPERATIONAL GUIDE

OPTION 2: ALL-NIGHT MODE (M2)

ALL-NIGHT MODE enables the light fixture to turn on for first 4 hours at 105 (280) lumens, followed by 8 hours at 80 lumens for lighting through out the night Upon motion detection, light emits 975 (2600) lumens.

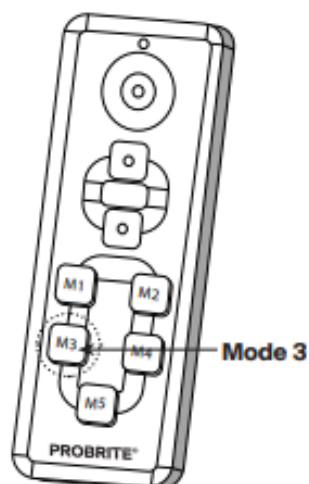
- Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- Dimming will be proportionate to the lumens in the selected mode, until the fixture is manually turned off or a new mode has been selected.



OPTION 3: 4 ENERGY-SAVING MODE (M3)

ENERGY-SAVING MODE enables the light fixture to turn on for first 4 hours at 90 (240) lumens, followed by 10 hours at 30 (80) lumens to conserve the battery. Upon motion detection, light emits 675 (1800) lumens.

- 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 in the selected mode, until the fixture is manually turned off or a new mode has been selected.





OPERATIONAL GUIDE

OPTION 4: MOTION-ONLY MODE (M4)

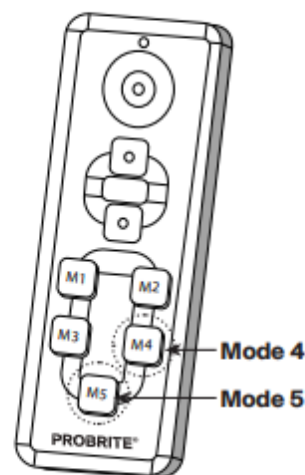
MOTION-ONLY MODE enables the light fixture to turn on ONLY when motion is detected. Upon motion detection, light emits 1500 (4000) lumens for maximum security lighting

- ❑ Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- ❑ Dimming is unavailable in this mode.

OPTION 5: OCCUPANCY MODE (M5)

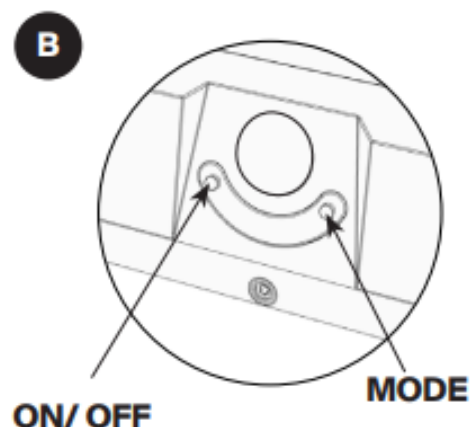
OCCUPANCY MODE enables the light fixture to turn on ONLY when motion is detected:

- ❑ 1st trigger: 1050 (2800) lumens for 20 seconds
- ❑ 2nd trigger: 675 (1800) lumens for 30 minutes
- ❑ 3rd trigger: 345 (920) lumens for 4 hours
- ❑ Once this mode is selected, it will remain in the current mode until the fixture is manually turned off through the remote control.
- ❑ Dimming is unavailable in this mode.



ON-FIXTURE CONTROLS:

- ❑ Power - depress button on left of motion sensor for ON/OFF operation (see "ON" temporary sticker).
- ❑ Depress button on right of motion sensor for Mode. Continue pressing button until desired Mode is achieved (see "MODE" temporary sticker)



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.

