

## WARRANTY

This product comes with a 1-year warranty covering manufacturing defects. To validate the warranty, ensure that the code on the side of the Solar Module remains legible. Misuse or damage to the product is not covered. User should not tamper with the unit by unscrewing it as it would break the IP66 waterproofing seal which would void the warranty

**Disclaimer:** The warranty is void under the following conditions:

- Visible cracks or scratches on the product
- Internal electronic damage from impact
- Full immersion in water
- Incorrect installation or use of non-approved batteries
- Product purchased more than a year before the warranty claim

## INSTALLATION TIPS

- Remove the protective film from the LED panel.
- Install the Solar Module into your Brilliance Outdoor lamp.
- The product comes with batteries charged to 25% of their capacity.
- Optimal performance is achieved after one week of use.



INTELLIGENT MODE

**500**  
LUMENS

UP TO  
**200**  
OPERATING HOURS



USB-C  
CHARGING



AUTO POWER MODE



DIMMABLE



MOTION SENSOR



WEATHERPROOF

## MAINTENANCE AND CUSTOMER SERVICE

Regularly clean the solar panel with a damp cloth.

For repair and maintenance inquiries, contact us at [info@brillianceoutdoor.com](mailto:info@brillianceoutdoor.com) or call 800-867-2108.

## TRANSPORTATION

Lithium-ion batteries are regulated for the transportation of hazardous goods. Users can transport these batteries by road without special measures. However, when shipped by third parties (such as air carriers or freight companies), follow the specific guidelines printed on the packaging.

## WASTE DISPOSAL

Recycle the Solar Module, along with its accessories and packaging, appropriately. Do not dispose of it with household waste.

**EPA recommendation:** Locate recycling centers for Li-ion batteries and products containing them via the EPA website. Do not place these items in trash or municipal recycling bins.



# SOLAR MODULE USER GUIDE

BR-O-SOLAR-M

## SAFETY PRECAUTIONS

It is crucial to follow all safety guidelines and instructions provided. Ignoring these warnings may lead to fire, serious injury, or voiding of the warranty.

- Do not direct the light beam towards people or animals. Never stare directly into the beam, even from a distance.
- Only the manufacturer or qualified personnel should replace the Solar Module battery.

WARNING! Prolonged exposure to the light beam may damage your eyes.

## QUICK START GUIDE

- One Click - Intelligent Mode
- Two Clicks - Detection Activated Mode
- Three Clicks - Always on Dimmable Mode
- Four Clicks - Off

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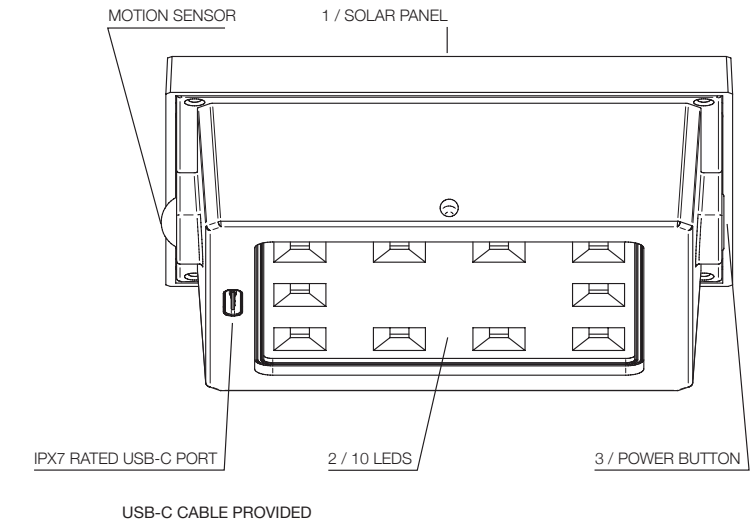
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Patent Pending (USA) 202406



- 1 / SOLAR PANEL**
- Monocrystalline panel, 10 cells
  - ETFE coating for enhanced durability
  - Operating temperature up to a constant 150°C
  - Durable fluoropolymer resin
  - Mechanically resilient coating

- 2 / LED TECHNOLOGY**
- High-power LED: 500 lumens
  - Color temperature: 2700K (warm white)

- 3 / CONTROL BUTTON**
- Refer to operating instructions

- ASB HOUSING**
- Made of shock-resistant, lightweight, and rigid ABS
  - Anti-UV treated
  - Two 3.7V 2600mah Li-ion batteries with a lifespan of 4-6 years

## OPERATING INSTRUCTIONS

**CONTROL MODES**

**Mode 1 – Intelligent Mode:** Automatically adjusts light intensity based on available battery power, ensuring optimal performance throughout the night. The Solar Module turns on at nightfall and off at sunrise.

**Mode 2 – Detection Activated Mode:** The Solar Module activates when it detects motion, turning on at the pre-set brightness level. The light turns off at daybreak.

**Mode 3 – Always On Dimmable Mode:** The Solar Module remains on at a pre-set brightness level, adjustable between 5 to 500 lumens. The motion detector is disabled in this mode

**Mode 4 - Turns Module Off**

ONE SHORT CLICK ON CONTROL BUTTON = MODE 1 - INTELLIGENT MODE = VISUALIZED BY ONE FLASH

Solar Module switches on automatically at nightfall. It knows both how much energy it has and how many hours it must provide light for. It adapts its intensity to remain active all night, with greater power generated at the beginning and end of the night. It switches off automatically at sunrise.

- The Solar Module automatically optimizes its level of brightness in accordance with its battery strength.
- We can therefore guarantee optimum performance based on your location and local weather conditions.

To lock this mode: First enable INTELLIGENT MODE as instructed above. Then press and hold the control button for 10 seconds until the LEDs flash rapidly. INTELLIGENT MODE is now locked.

To unlock this mode: Press and hold the control button until the LEDs flash rapidly for 10 seconds. INTELLIGENT MODE is now unlocked. INTELLIGENT MODE will still be enabled until another mode is selected.

Motion detector is on by default in this mode .

To switch the motion detector on or off, the Solar Module must first be switched off. Then press and hold the control button for 10 seconds, until the LEDs flash rapidly = setting confirmed.

TWO SHORT CLICKS ON CONTROL BUTTON = MODE 2 - DETECTION ACTIVATED MODE = VISUALIZED BY TWO FLASHES (Adjustable from 0 to 500 lumens)

At nightfall, the Solar Module automatically switches on whenever a movement is detected. In DETECTION ACTIVATED MODE, it switches on to the pre-set brightness level. The Solar Module switches off automatically at daybreak (standby power pre-set to 0 lumens).

Motion detector on (lighting at 500 lumens for 30 seconds).

DIMMING INFORMATION: pauses at 150 and 300 lm (when setting the level of brightness, the Solar Module pauses at these levels before continuing after 0.5 s). Press and hold the control button to

change the settings. To reverse the direction of the power level, take your finger off the control button, then press and hold again.

Motion detector is on by default in this mode .

To switch the motion detector on or off, the Solar Module must first be switched off. Then press and hold the control button for 10 seconds, until the LEDs flash rapidly = setting confirmed.

THREE SHORT CLICKS ON ADJUSTMENT BUTTON = MODE 3 - ALWAYS ON DIMMABLE MODE = VISUALIZED BY THREE FLASHES (Adjustable from 5 to 500 lumens)

The Solar Module switches on at a pre-set level of 500 lumens, with 5h to 200h of lighting autonomy when fully charged, depending on the level of brightness selected. Motion detector off (the Solar Module remains on until the batteries have run down).

DIMMING INFORMATION: pauses at 150 and 300 lm (when setting the level of brightness, the Solar Module pauses at these levels before continuing after 0.5 s). Press and hold the control button to change the settings. To reverse the direction of the power level, take your finger off the control button, then press and hold again.

FOUR SHORT CLICKS ON THE CONTROL BUTTON = OFF

## USEFUL INFORMATION

For optimal performance, avoid covering the solar panel.

## TECHNICAL FEATURES

### BATTERY LIFE

- 5 hours at 500 lumens
- 10.5 hours at 250 lumens
- 21 hours at 125 lumens

### CHARGING

- Solar = 8-9 hours at Full Sun
- USB: 7 hours

### BATTERY CHARGE INDICATORS

- 1 flash: 25% or below
- 2 flashes: 25% to 75%
- 3 flashes: 75% or above

Note: To toggle the motion detector, switch off the Solar Module, then press and hold the control button for 10 seconds until the LEDs flash rapidly, confirming the setting.