

EN: ORBILUM – USER MANUAL

PRODUCT SPECIFICATIONS

Product Number: ZH-099

Solar Panel: 6V / 3.5W

Battery: 3.7V / 4400 mAh (Li-ion)

Power: 10W

Maximum Luminous Flux: 1000 lumens

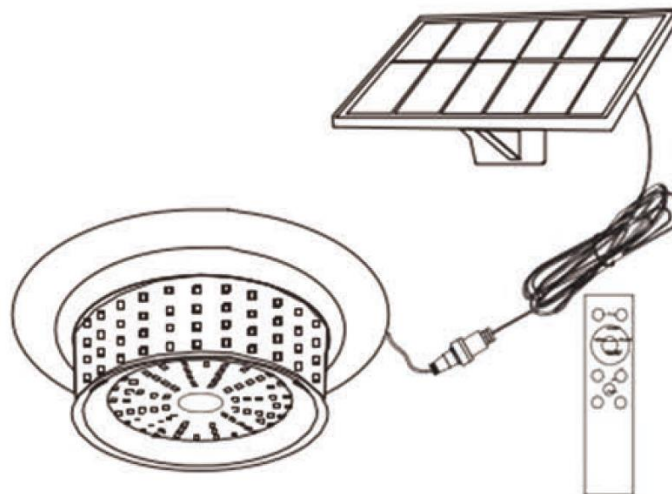
Waterproof Rating: IP65

Color Temperature: 4000K – 6000K

IMPORTANT NOTE

Before first use, place the solar panel under direct sunlight and allow it to charge for at least **5 hours** to ensure optimal performance.

PRODUCT OVERVIEW

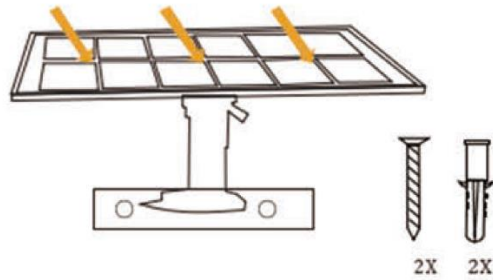


The ORBILUM solar light is designed for outdoor use and operates using solar energy. It provides automatic lighting with motion detection and can be controlled using the included remote control. The device is suitable for areas such as gardens, balconies, garages, sheds, and other outdoor or semi-outdoor spaces.

INSTALLATION INSTRUCTIONS

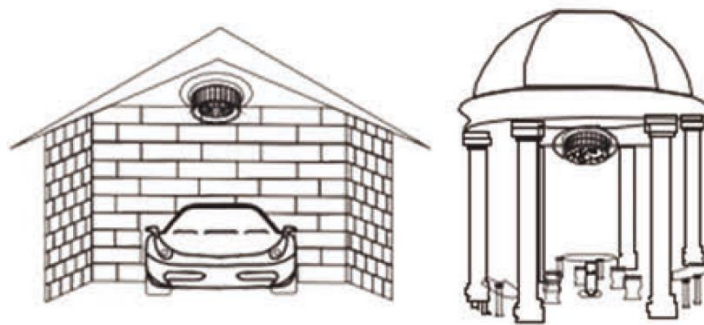
1. Installing the Solar Panel

Select a location that receives direct sunlight throughout the day. Drill two holes with a spacing of approximately **59 mm**, insert the provided rubber plugs, and secure the solar panel using screws. Ensure the panel is firmly fixed and properly oriented toward sunlight.



2. Installing the Light Fixture

Attach the hook to the light fixture and hang the light in the desired location. The light can be installed in areas such as a porch, garden, garage, shed, tent, or entrance area. Make sure the fixture is stable and positioned to provide optimal lighting coverage.



SWITCH OPERATION

To activate the device, press the **red self-locking switch** located on the lampshade. The light will turn on and automatically enter **Mode 1 (PIR/OFF)**.

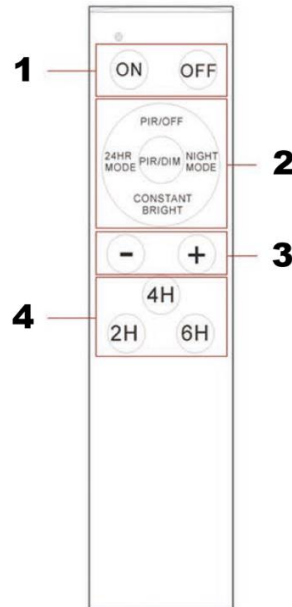
LIGHTING MODES

- **Mode 1 – PIR/OFF:**
At night, the light turns on at full brightness when motion is detected. After the detected motion stops, the light remains on for approximately **15 seconds** before turning off. During daytime, the light remains off and continues charging via the solar panel.
- **Mode 2 – PIR/DIM:**
When motion is detected at night, the light turns on at full brightness. After 15 seconds without motion, it switches to a dim lighting state instead of turning off completely.
- **Mode 3 – Constant Bright:**
The light remains continuously on during nighttime. Brightness can be adjusted using the “+” and “-” buttons on the remote control. Timer functions (2H, 4H, 6H) can also be used if desired.
- **Mode 4 – 24H Mode:**
The light operates continuously both day and night, regardless of sunlight conditions. Brightness can be adjusted using the remote control, and timer settings can also be applied.

- **Mode 5 – Night Mode:**

The light activates automatically at night according to the selected preset mode. During daylight, the system remains inactive and charges the battery. Brightness can be adjusted, and timer functions may be used as needed.

REMOTE CONTROL FUNCTIONS



1. The **ON** button turns the light on, while the **OFF** button switches it off.
2. Mode selection buttons on the remote control allow you to switch between different lighting modes, including PIR, constant light, night mode, and 24-hour operation.
 - **Center:** PIR/DIM
 - **Up:** PIR/OFF
 - **Right:** Night Mode
 - **Down:** Constant Bright
 - **Left:** 24H Mode
3. The brightness can be increased or decreased using the **“+”** and **“-”** buttons.
4. Timer settings allow you to set the light duration to **2, 4, or 6 hours**. Selecting a timer will automatically turn off the light after the chosen period.

Note: Pressing any button will cancel the active timer setting.

ADDITIONAL INFORMATION

The device automatically charges during daylight when exposed to sunlight. For best performance, ensure that the solar panel is not covered by shadows, dust, or debris. Regular cleaning of the panel surface is recommended to maintain efficient charging.

Performance may vary depending on weather conditions, seasonal sunlight, and installation location.

BASIC SAFETY INSTRUCTIONS

- Do not disassemble the product or battery.
- Do not expose the device to fire or extreme heat.
- Ensure proper installation to prevent the device from falling.
- Use the product only for its intended purpose.

INSTRUCTIONS FOR RECYCLING AND DISPOSAL:



This label means that the product cannot be disposed of as other household waste throughout the EU. To prevent potential damage to the environment or human health from uncontrolled waste disposal. Recycle responsibly to promote the sustainable use of material resources. If you want to return a used device, use the drop-off and collection system, or contact the retailer from whom you bought the product. The retailer can accept the product for environmentally safe recycling.



A declaration by the manufacturer that the product complies with the requirements of the applicable EU Directives.