BesLowe YM-3161

BesLowe Solar Wall Lights Outdoor Instruction Manual

Model: YM-3161
Brand: BesLowe

1. Product Overview

The BesLowe Solar Wall Lights are designed for outdoor use, providing efficient and adjustable illumination for various exterior spaces. These lights feature a durable aluminum and glass construction, integrated LED lighting with dual color temperature options, and a high-capacity solar-powered battery for automatic dusk-to-dawn operation.

Figure 1.1: BesLowe Solar Wall Lights installed on an outdoor wall.

Key Features:

- **Solar Powered:** Equipped with 4 high-efficiency polycrystalline solar panels and a 4000mAh battery for long-lasting, wireless operation.
- **Dusk-to-Dawn Functionality:** Automatically charges during the day and illuminates at dusk, providing all-night brightness.
- **Durable Construction:** Made with premium aluminum and glass, designed to withstand various weather conditions without rusting or warping.
- **Dual Color Temperatures:** Built-in LEDs offer both 3000K warm white and 5000K cool white lighting, adjustable via a simple toggle.
- **Effortless Installation:** Arrives fully assembled with necessary mounting hardware, requiring no wiring or electrician.

Figure 1.2: Automatic charging by day and lighting by night.

Figure 1.3: Durability comparison: Aluminum frame vs. Plastic housing.

2. What's in the Box

Each package of BesLowe Solar Wall Lights includes the following components:

- BesLowe Solar Wall Light Unit(s) (2-Pack)
- Instruction Manual (this document)
- Mounting Hardware (screws, anchors)

3. Setup and Installation

The BesLowe Solar Wall Lights are designed for straightforward installation without the need for electrical wiring. Follow these steps for proper setup:

1. **Choose a Location:** Select an outdoor location that receives direct sunlight for at least 6-8 hours daily. This is crucial for optimal charging and performance. Avoid areas under eaves, trees, or other obstructions that might shade the solar

panel.

2. **Activate the Light:** Before mounting, locate the power switch on the light unit. Ensure the switch is in the 'ON' position to allow the battery to charge. The light will not charge if it is in the 'OFF' or middle position.
3. **Mark Drilling Points:** Hold the light's mounting plate against the desired wall or post. Use a pencil to mark the positions for the mounting screws.
4. **Drill Holes:** Using an appropriate drill bit for your wall material, drill pilot holes at the marked positions. If installing on masonry or concrete, insert the provided wall anchors into the drilled holes.
5. **Mount the Light:** Align the mounting plate with the drilled holes and secure the light to the wall or post using the provided screws. Ensure the light is firmly attached.

Figure 3.1: Product dimensions and mounting plate detail.

4. Operating Instructions

The BesLowe Solar Wall Lights are designed for automatic operation, but they also offer adjustable settings.

Automatic Operation:

Once installed and the power switch is in the 'ON' position, the lights will operate automatically:

- During the day, the solar panel will convert sunlight into electricity and store it in the internal 4000mAh battery.
- At dusk, the built-in light sensor will detect the decrease in ambient light and automatically turn the light on.
- At dawn, the light will automatically turn off and begin recharging.

Adjusting Color Temperature:

The light features a toggle switch to select between two color temperatures:

- **3000K Warm White:** Provides a cozy and inviting ambiance.
- **5000K Cool White:** Offers a brighter, more neutral illumination.

To change the color temperature, simply locate the toggle switch on the light unit and move it to your desired setting. This adjustment can be made at any time.

Figure 4.1: Dual-color temperature control via toggle switch.

5. Maintenance

The BesLowe Solar Wall Lights are designed for low maintenance due to their durable construction and integrated LED light source.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures maximum sunlight absorption and efficient charging.
- **No Bulb Replacement:** The lights feature integrated LEDs, eliminating the need for bulb replacements.
- **Weather Resistance:** The aluminum and glass construction is built to withstand rain, heat, and cold. No special weather protection is typically required.

Figure 5.1: Weather resistant design for all-season performance.

6. Troubleshooting

If your BesLowe Solar Wall Light is not functioning as expected, consider the following common issues and solutions:

- **Light Does Not Turn On at Dusk:**

- **Check Power Switch:** Ensure the power switch on the light unit is in the 'ON' position. The light will not charge or operate if it is in the 'OFF' or middle position.
- **Insufficient Sunlight:** The light may not have received enough direct sunlight during the day to fully charge. Relocate the light to an area with more direct sun exposure, or allow for several sunny days to fully charge the battery.
- **Shading:** Ensure the solar panel is not obstructed by trees, buildings, or other objects that cast shadows on it throughout the day.
- **Dirty Solar Panel:** Clean the solar panel surface with a soft, damp cloth to remove any accumulated dirt or debris that might be blocking sunlight.
- **Ambient Light Interference:** The light sensor might be detecting other light sources (e.g., streetlights, other outdoor lights) nearby, preventing the solar light from activating. Relocate the light if possible.

- **Light Runtime is Short:**
  - **Limited Sunlight:** The battery charge depends on daily sunlight exposure. Shorter days or cloudy weather will result in reduced runtime.
  - **Battery Degradation:** Over time, rechargeable batteries may lose capacity. If the light is old and consistently has short runtime despite adequate charging, the battery may need replacement (contact customer support for guidance).

7. Specifications

Feature	Specification
Brand	BesLowe
Model Name	YM-3161
Color	Black
Material	Aluminum, Glass
Style	Classic
Light Fixture Form	Sconce
Product Dimensions	4.5"L x 4.5"W x 11.2"H
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Installation Type	Wall Mount
Light Source Type	LED (Built-in)
Light Color	Cool White (5000K), Warm White (3000K)
Battery Capacity	4000mAh
Voltage	3.7 Volts

Feature	Specification
Wattage	2 watts
Brightness	200 lumen
Water Resistance Level	Not Water Resistant (IP44 rated for splash protection)
Item Weight	6.96 pounds (for 2-pack)

8. Warranty and Support

The BesLowe Solar Wall Lights come with an Extended Warranty. For specific details regarding the warranty period and coverage, please refer to the warranty information provided at the time of purchase or contact BesLowe customer support directly.

For any questions, technical assistance, or warranty claims, please contact the manufacturer or authorized seller:

- **Manufacturer:** BesLowe
- **Seller:** BesLowe Official
- **Online Store:** Visit the BesLowe Store on Amazon

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