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SEZAC TBD-07

SEZAC Solar LED Outdoor Light User Manual

Model: TBD-07

1. INTRODUCTION

Thank you for choosing the SEZAC Solar LED Outdoor Light. This product is designed to provide efficient and reliable outdoor illumination using solar energy. Featuring 218 LED beads, a 270-degree wide-angle illumination, and three intelligent working modes, these IP65 waterproof lights are ideal for enhancing security and visibility around your home, garden, patio, and pathways.

2. SAFETY INSTRUCTIONS

- Ensure the product is installed in a location where it receives direct sunlight for optimal charging.
- Do not disassemble, repair, or modify the product without authorization. This may cause damage and void the warranty.
- Keep the product away from fire and high temperatures.
- Avoid direct eye exposure to the LED light when it is active.
- Dispose of the product and its battery responsibly according to local regulations.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present and in good condition:

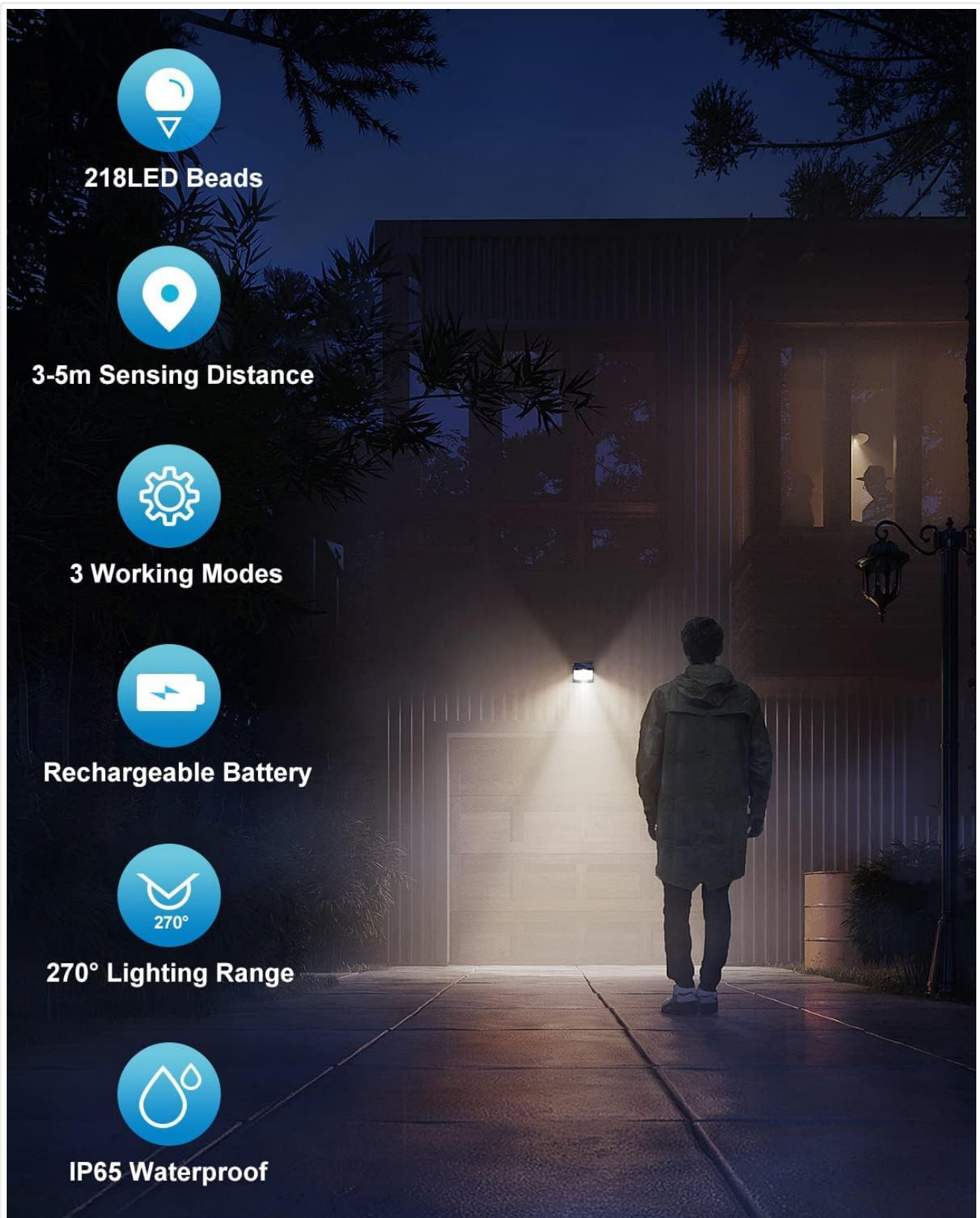
- SEZAC Solar LED Outdoor Lights (Quantity: 6)
- Mounting Screws
- Wall Plugs
- 3M Adhesive Tape
- User Manual



A detailed diagram illustrating the dimensions of a single SEZAC Solar LED Outdoor Light (10.5cm x 10cm), along with the included mounting accessories: screws, wall plugs, and 3M adhesive tape, and a user manual.

4. PRODUCT OVERVIEW

The SEZAC Solar LED Outdoor Light integrates a high-efficiency solar panel, 218 bright LED beads, and a sensitive PIR motion sensor. Its durable ABS material and IP65 waterproof rating ensure reliable performance in various weather conditions.



An infographic summarizing the main features of the SEZAC Solar LED Outdoor Light, including its 218 LED beads, 3-5 meter motion sensing distance, three distinct working modes, integrated rechargeable battery, wide 270-degree lighting range, and IP65 waterproof rating.

5. SETUP AND INSTALLATION

5.1 Choosing an Installation Location

Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging of the solar panel. Avoid areas under eaves, trees, or other obstructions that may block sunlight. The recommended installation

height is 1.8 to 2.5 meters (approximately 6 to 8 feet) for effective motion detection and illumination coverage.

5.2 Initial Charging

Before first use, place the solar light in direct sunlight for at least 8 hours to allow the internal battery to fully charge. This ensures maximum performance and battery longevity.

5.3 Mounting Steps

1. **Prepare the Mounting Surface:** Ensure the wall or surface is clean and dry.
2. **Mark Drill Points:** Hold the light in the desired position and mark the locations for the mounting screws.
3. **Drill Holes (if using screws):** Use a drill bit appropriate for the wall plugs and drill holes at the marked points. Insert the wall plugs.
4. **Mount the Light:** Align the light with the drilled holes (or use the 3M adhesive tape for smooth surfaces) and secure it with the provided screws. Ensure it is firmly attached.

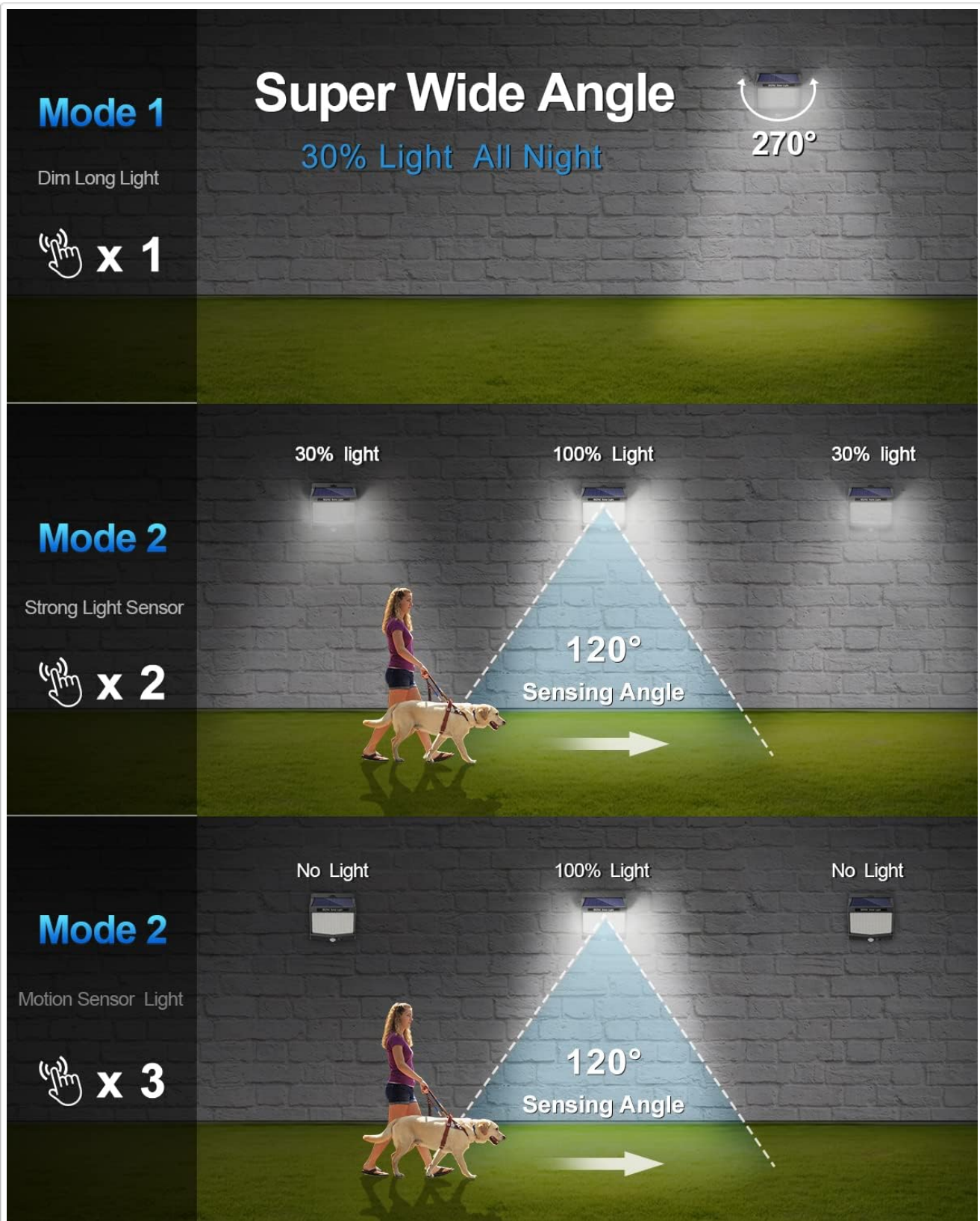
6. OPERATING INSTRUCTIONS

The SEZAC Solar LED Outdoor Light features a tactile switch to cycle through three distinct operating modes. Press the switch repeatedly to select your desired mode.

6.1 Activating the Light and Mode Selection

The light is equipped with a CDS night sensor, meaning it will only operate in low-light conditions. To activate or change modes, press the power button located on the front of the unit.

- **Press 1 time (Mode 1: Dim Long Light):** The light will stay on at 30% brightness continuously from dusk till dawn.
- **Press 2 times (Mode 2: Strong Light Sensor):** The light will stay on at 30% brightness. When motion is detected, it will switch to 100% brightness for approximately 15 seconds, then return to 30% brightness.
- **Press 3 times (Mode 3: Motion Sensor Light):** The light remains off. When motion is detected, it will turn on at 100% brightness for approximately 15 seconds, then turn off completely.
- **Press 4 times:** Turns the light OFF.



This image visually explains the three operational modes of the SEZAC Solar LED Outdoor Light. Mode 1 provides 30% dim light all night. Mode 2 offers 30% dim light, brightening to 100% upon motion detection. Mode 3 remains off, activating to 100% brightness only when motion is detected within a 120-degree sensing angle.

6.2 Motion Sensor Functionality

The integrated PIR (Passive Infrared) and CDS (Cadmium Sulfide) sensors work together to detect human, animal, or vehicle movement more effectively. The motion sensor has a detection range of 3-5 meters (approximately 10-16 feet) and a 120-degree sensing angle. Once motion is detected, the light will activate (depending on the selected mode) and automatically turn off after approximately 15 seconds if no further motion is detected.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your solar lights.

- **Clean the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Check Mounting:** Occasionally inspect the mounting screws or adhesive tape to ensure the light remains securely attached to the wall.
- **Battery Care:** The integrated lithium-ion battery is designed for long-term use. Ensure the light receives adequate sunlight for charging, especially during shorter winter days, to maintain battery health.
- **Weather Resistance:** The IP65 waterproof and high-strength ABS material design allows the light to withstand various weather conditions, including rain, snow, and cloudy days. No special weather-related maintenance is typically required beyond keeping the solar panel clear.

Work Well in Any Weather

With IP65 waterproof and
ABS durable material



Cloudy



Rainy



Snow

This image demonstrates the SEZAC Solar LED Outdoor Light's resilience, functioning reliably in various weather conditions such as cloudy, rainy, and snowy environments, thanks to its IP65 waterproof rating and durable ABS construction.

8. TROUBLESHOOTING

If you encounter issues with your SEZAC Solar LED Outdoor Light, please refer to the following common problems and solutions:

- **Light does not turn on at night:**
 - Ensure the power switch is in the ON position (not OFF).

- Verify the light has received sufficient direct sunlight for charging during the day. Relocate if necessary.
- Check if the solar panel is clean and free from obstructions.
- Ensure there are no strong light sources (e.g., streetlights) near the solar light that might trigger the CDS sensor to keep it off.

- **Motion sensor is not detecting movement:**

- Confirm the light is set to Mode 2 or Mode 3.
- Check the installation height; it should be within the recommended 1.8-2.5 meters.
- Ensure the sensor lens is clean and unobstructed.
- Test the sensor by walking directly in front of it within the 3-5 meter range.

- **Light duration is shorter than expected:**

- The light may not be receiving enough direct sunlight for a full charge. Adjust the installation location.
- Cloudy weather or shorter winter days can reduce charging efficiency.
- Ensure the solar panel is clean.

9. SPECIFICATIONS

Feature	Specification
Brand	SEZAC
Model Number	TBD-07
LED Quantity	218 LED Beads per unit
Luminous Flux	1200 Lumens
Illumination Angle	270 Degrees
Motion Sensor Range	3-5 meters (10-16 feet)
Sensing Angle	120 Degrees
Working Modes	3 (Dim Long Light, Strong Light Sensor, Motion Sensor Light)
Battery	1 x 2200 mAh Lithium-ion (included)
Waterproof Rating	IP65
Material	Acrylonitrile Butadiene Styrene (ABS)
Installation Type	Wall-mounted
Product Dimensions (L x W x H)	10.2 x 5.1 x 10.2 cm (approx. 4 x 2 x 4 inches)
Power Source	Solar Powered
Usage	Outdoor (Garden, Patio, Pathway, etc.)

10. WARRANTY AND SUPPORT

SEZAC products are manufactured to high-quality standards. While specific warranty details may vary by region, customers often have the option to extend their warranty. For any product inquiries, technical support, or warranty claims, please contact SEZAC customer service directly. Refer to the contact information provided with your purchase or on the official SEZAC website for assistance.

