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> YiLaie Solar Fence Lights (Model EL-SJW) Instruction Manual

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Model: EL-SJW

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1. INTRODUCTION

Thank you for choosing YiLaie Solar Fence Lights. These outdoor lights are designed to provide customizable ambient lighting with three adjustable modes (Warm White, Cool White, Neutral White). Featuring intelligent light sensors, they operate automatically from dusk to dawn, powered entirely by solar energy for an energy-efficient and sustainable lighting solution. Engineered with reinforced UV-resistant PC material and ultrasonic welding, these lights boast an IP67 dust/waterproof rating, ensuring reliable performance in extreme weather conditions year-round.



Image: YiLaie Solar Fence Lights showcasing their versatile lighting options.

2. WHAT'S IN THE BOX

Upon unpacking your YiLaie Solar Fence Lights, please ensure all components are present:

- 8 x Solar Fence Lights
- 8 x Auxiliary Installation Stickers
- 8 x Installation Screw Packs
- 1 x Instruction Manual

3. SPECIFICATIONS

Feature	Detail
Brand	YiLaie

Model Number	EL-SJW
Light Color Modes	Warm White (3000K), Neutral White (4500K), Cool White (6500K)
Material	Polycarbonate
Product Dimensions	5.8"L x 2.3"W x 1.6"H
Power Source	Solar Powered
Installation Type	Wall Mount, Direct Mount
Special Features	Adjustable Color Temperature, Auto On/Off, IP67 Waterproof
Control Method	Push Button (Touch)
Light Source Type	LED (3 high-brightness LEDs)
Voltage	5.5 Volts
Brightness	45 Lumens
Battery	2000mAh (included)
Runtime	16-25 hours (after 6-10 hours direct sunlight charge)
Illumination Area	30-45 sq ft per light

4. SETUP & INSTALLATION

The YiLaie Solar Fence Lights are designed for easy installation without the need for complex wiring. Follow these steps for optimal placement and setup:

4.1 Choosing a Location

- **Direct Sunlight:** For best performance and maximum battery charge, install the lights in an area that receives 6-10 hours of direct sunlight daily.
- **Avoid Shadows:** Do not install the lights under shadows from trees, buildings, or other obstructions that may block sunlight from reaching the solar panel.
- **Away from Strong Lights:** Avoid installing near other strong light sources (e.g., streetlights, porch lights) as this may interfere with the automatic dusk-to-dawn sensor, preventing the lights from turning on.



Image: Proper placement in direct sunlight is crucial for charging.

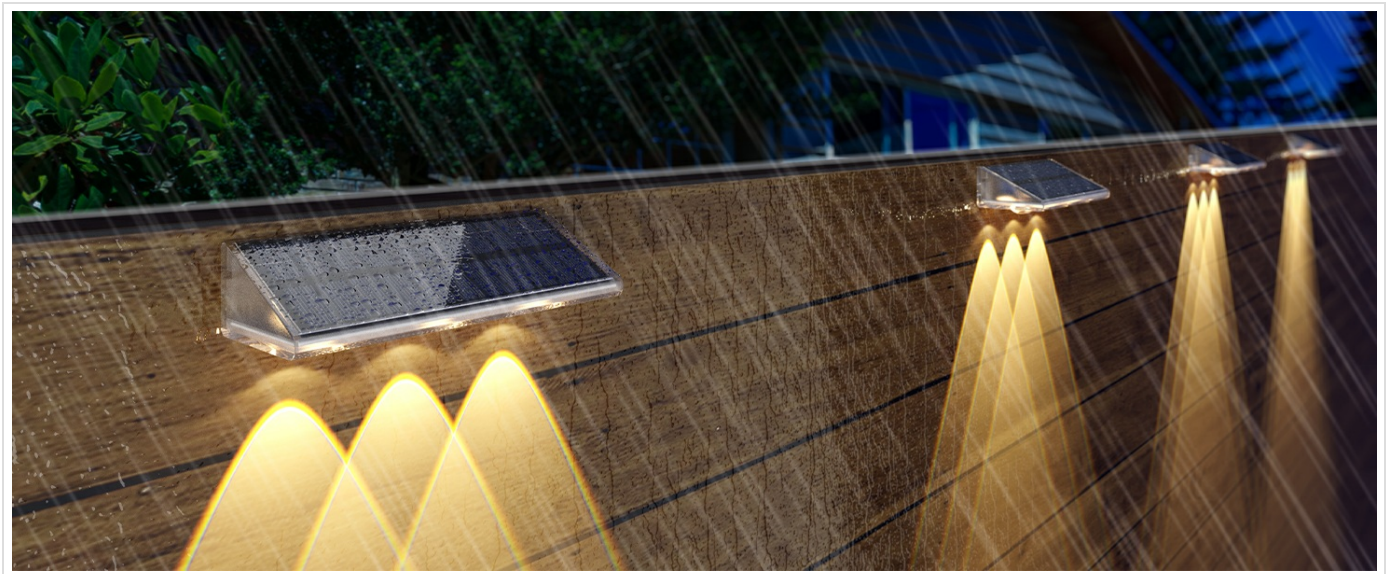


Image: Avoid placing lights near other strong light sources to ensure proper automatic function.

4.2 Mounting the Lights

The lights can be easily mounted on fences, walls, or posts using the provided mounting kit.

1. **Prepare the Surface:** Ensure the mounting surface is clean and stable.
2. **Apply Guide Sticker:** Use the auxiliary installation sticker to mark the screw hole positions accurately.
3. **Drill Holes:** Drill pilot holes at the marked positions.
4. **Secure Screws:** Insert the provided screws into the drilled holes, leaving a small gap for the light to hang.
5. **Install Lights:** Hang the solar fence lights onto the secured screws.



Image: Step-by-step installation process for the solar fence lights.

4.3 Installation Video Guide



Video: A visual demonstration of the installation process and various lighting modes.

5. OPERATION

Your YiLaie Solar Fence Lights are designed for simple, automatic operation.

5.1 Automatic On/Off Function

The lights are equipped with intelligent light sensors. They will automatically turn on at dusk and turn off at dawn, conserving energy and providing hassle-free illumination.



Image: Automatic charging during the day and illumination at night.

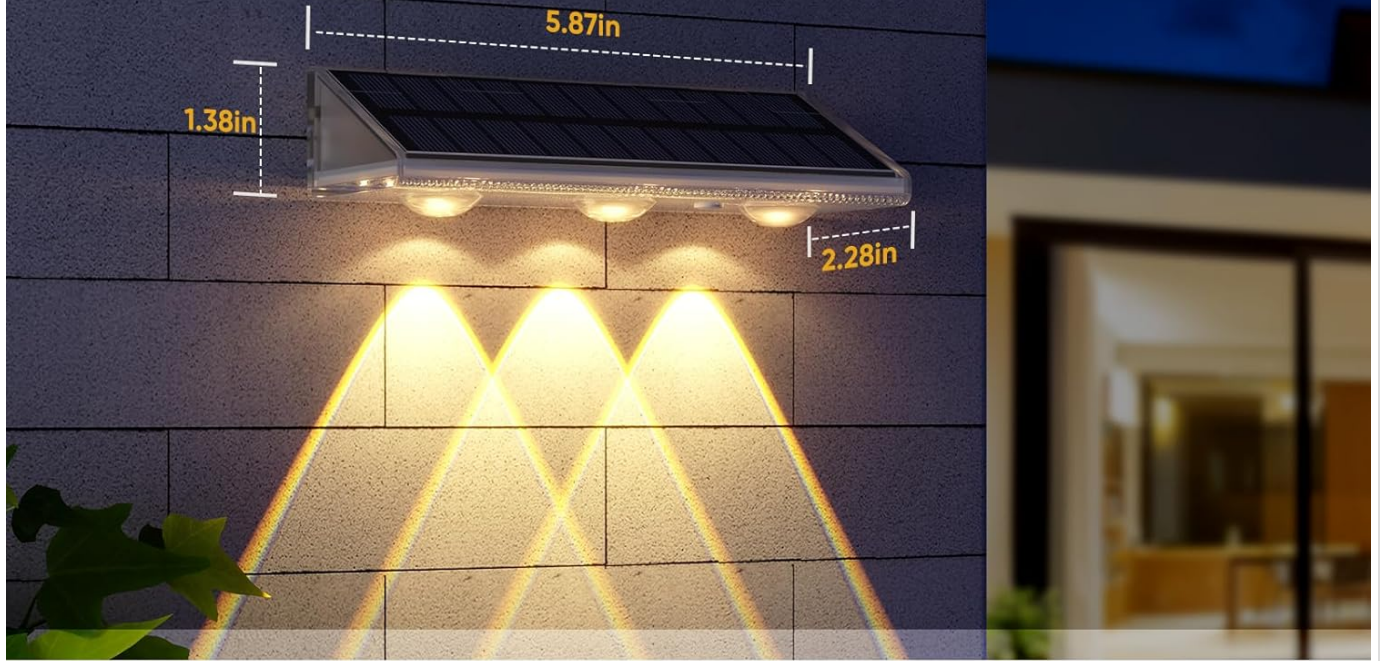
5.2 Adjusting Lighting Modes

The lights offer three distinct color temperatures to suit your preference:

- **Warm White (3000K):** Provides a cozy and inviting ambiance.
- **Neutral White (4500K):** Offers a balanced and natural light.
- **Cool White (6500K):** Delivers a bright and crisp illumination.

To cycle through the lighting modes, locate the small button on the light unit and press it. Each press will switch to the next mode. The lights will remember your last selected mode.

Three Lighting Modes Available



Warm White



Neutral White



Cold White

Image: Three available lighting modes: Warm White, Neutral White, and Cool White.

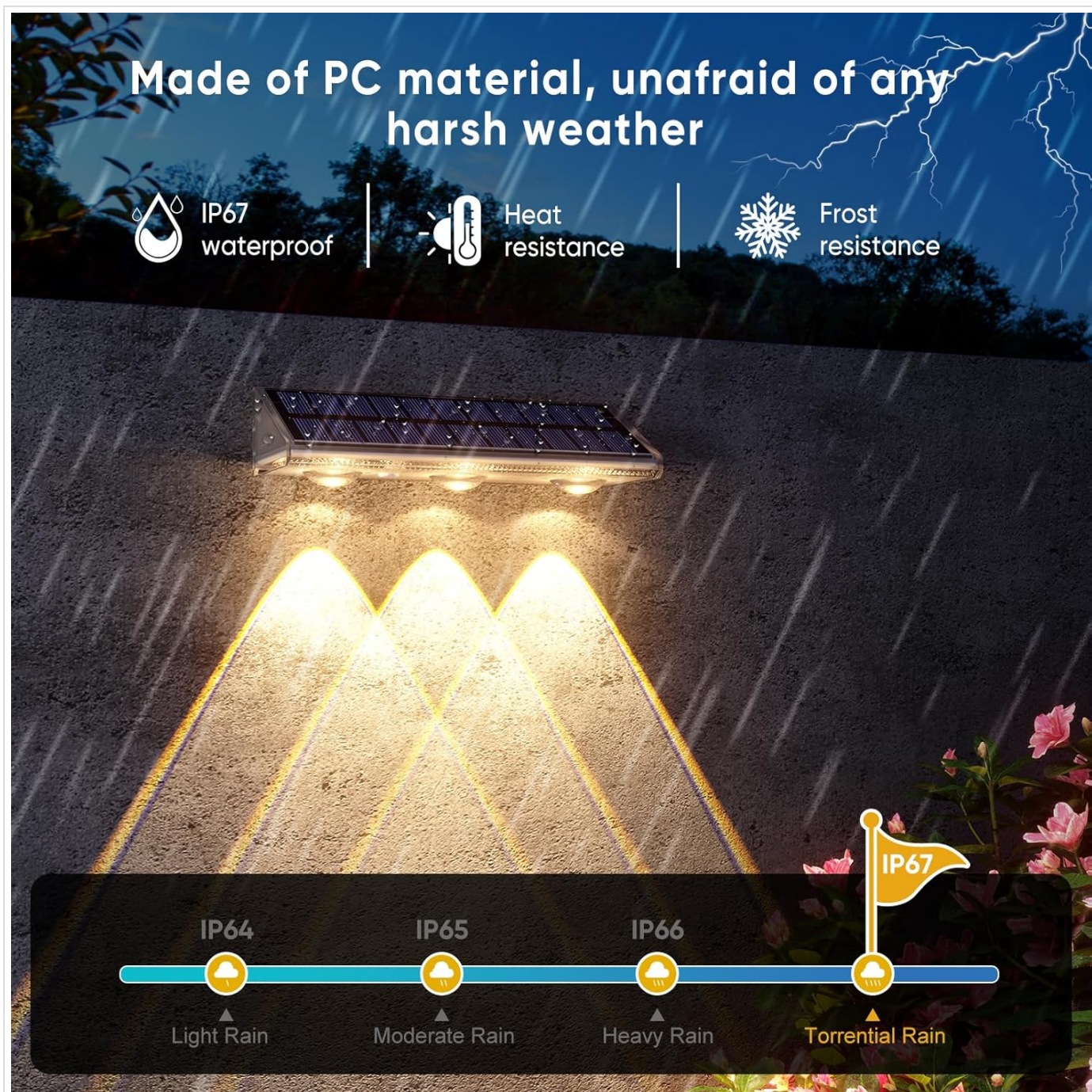


Image: Examples of the lights illuminating different outdoor areas.

6. MAINTENANCE

The YiLai Solar Fence Lights are built for durability and require minimal maintenance.

6.1 Cleaning

Periodically wipe the solar panel and light surface with a soft, damp cloth to remove dust, dirt, or debris. This ensures optimal sunlight absorption and light output.

6.2 Weather Resistance

Constructed from reinforced UV-resistant PC material and featuring ultrasonic welding, these lights are IP67 rated for dust and water resistance. They are designed to withstand extreme weather conditions, including high temperatures and frost, ensuring reliable year-round outdoor performance.



Image: The lights are built with durable PC material for all-weather performance.

7. TROUBLESHOOTING

If your YiLaie Solar Fence Lights are not functioning as expected, consider the following common issues and solutions:

- **Lights Not Turning On at Night:**

- Ensure the solar panel receives sufficient direct sunlight (6-10 hours) during the day. Relocate if necessary.
- Check that the lights are not installed near other strong light sources (e.g., streetlights), which can trigger the light sensor to keep the lights off.
- Cover the solar panel completely to simulate darkness and check if the light turns on. If it does, the sensor is working correctly.

- **Short Illumination Time:**

- Verify the solar panel is clean and free from obstructions.

- Ensure the lights are receiving adequate direct sunlight for charging. Continuous cloudy or rainy days may reduce battery charge and runtime; normal operation will resume with sufficient sunlight.
- The battery may not be fully charged. Allow several days of full sunlight exposure for optimal performance.

- **Lights Not Changing Modes:**

- Press the mode button firmly. If unresponsive, ensure the light is sufficiently charged.

8. WARRANTY & SUPPORT

YiLaie stands behind the quality of its products. Your Solar Fence Lights are backed by a **365-day warranty**, covering free replacement for non-human failures. We also offer 24/7 customer support to assist you with any issues or questions. For any product problems or inquiries, please contact us first. We are committed to providing satisfactory after-sales service.

Contact Information: Please refer to the contact details provided in your product packaging or on the official YiLaie website for support.