

Otdair libawarmyellow8pack-0923

Otdair Solar Deck Lights Outdoor Instruction Manual

Model: libawarmyellow8pack-0923

1. PRODUCT OVERVIEW

The Otdair Solar Deck Lights are designed for outdoor use, providing illumination and decorative ambiance. These lights feature two distinct lighting modes: a warm white light for general illumination and a color-changing mode with 7 RGB colors for decorative purposes. Powered by solar energy, they are equipped with an IP65 waterproof rating, ensuring durability in various weather conditions. The lights are suitable for installation on decks, fences, patios, and other outdoor structures.

Key Features:

- **Dual Lighting Modes:** Offers both warm white and 7-color changing RGB options.
- **Solar Powered:** Charges during the day and automatically illuminates at night.
- **IP65 Waterproof:** Constructed with high-quality ABS material for resistance against rain, frost, and heat.
- **Easy Installation:** Designed for simple mounting with included screws or optional adhesive tape.
- **Long Working Time:** Provides 10-12 hours of illumination after 6-8 hours of full sunlight charging.

2. PACKAGE CONTENTS

Please verify that all components are present before proceeding with installation.

- Otdair Solar Deck Lights (8 units)
- Installation Screws (2 per light)
- Batteries (pre-installed)

3. INSTALLATION GUIDE

Follow these steps for proper installation of your Otdair Solar Deck Lights. Ensure the installation location receives direct sunlight for optimal charging.

1. **Prepare the Mounting Surface:** Choose a location that receives ample direct sunlight throughout the day. Mark the desired screw positions on the wall or post.
2. **Mount the Base:** Use the provided screws to securely attach the back plate of the light to the marked positions. Ensure the base is firmly fixed.

3. **Insert the Light Shade:** Place the cream-colored light shade into the mounted back plate. It should snap into place.
4. **Attach the Solar Panel Unit:** Position the solar panel unit on top of the light shade. It will fit securely, completing the assembly.
5. **Activate the Light:** Before final assembly, locate the switch inside the light unit. Turn it to the desired mode (Warm White or RGB) or to the 'ON' position. The light will automatically charge during the day and illuminate at night.

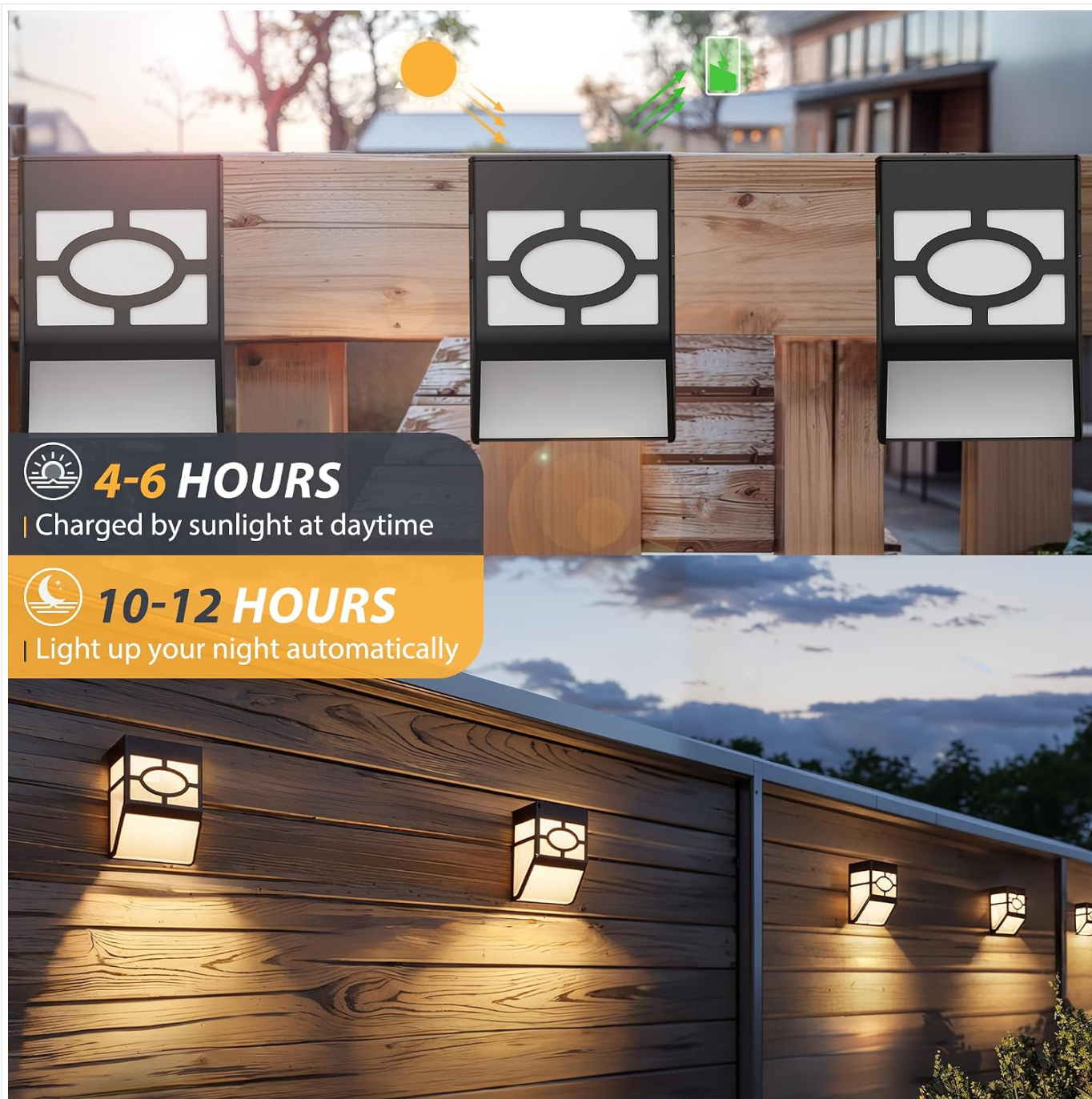


Figure 3.1: Step-by-step installation process for the Otdair Solar Deck Light.

Alternative Installation (Short-term use): For temporary installations, 3M mounting tape (not included) can be used to adhere the lights to a surface. Ensure the surface is clean and dry for proper adhesion.

4. OPERATING INSTRUCTIONS

The Otdair Solar Deck Lights are designed for simple, automatic operation.

Initial Activation:

Before first use, ensure the light is switched to the 'ON' position. Allow the lights to charge in direct sunlight for at least 6-8 hours. The lights will then automatically turn on at dusk and turn off at dawn.

Switching Modes:

The lights offer two distinct modes: Warm White and 7-Color Changing RGB. To switch between modes, locate the switch inside the light unit (as shown in the installation guide). Toggle the switch to select your preferred lighting mode.

- **Mode 1 (Warm White):** Provides a steady, warm white illumination.
- **Mode 2 (7-Color Changing RGB):** Cycles through 7 different colors automatically. Individual colors cannot be fixed in this mode.



Figure 4.1: Illustration of the two available lighting modes.

5. MAINTENANCE

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

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Battery Replacement:** The lights use a Ni-MH 1.2V battery. If the light output significantly diminishes over time, the battery may need replacement. Refer to the product's internal design for battery access and replacement.
- **Winter Care:** While IP65 waterproof, prolonged exposure to heavy snow or extreme cold may affect performance. Consider storing lights indoors during harsh winter months if desired, or ensure solar panels remain clear of snow.

6. TROUBLESHOOTING

If your Otdair Solar Deck Lights are not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Solar panel not receiving enough sunlight.	Relocate the light to an area with direct, unobstructed sunlight for 6-8 hours daily.
	Switch is in the 'OFF' position.	Check the internal switch and ensure it is set to 'ON' or the desired mode.
	Battery is depleted or faulty.	Allow several days of full charge. If problem persists, consider replacing the battery.
Light is dim or only stays on for a short period.	Insufficient charging due to cloudy weather or shaded location.	Ensure the solar panel is clean and receives maximum direct sunlight.
	Aging battery.	Replace the internal Ni-MH 1.2V battery.

7. SPECIFICATIONS

Attribute	Detail
Brand	Otdair
Model Name	libawarmyellow8pack-0923
Color	Warm White and RGB
Material	Plastic (Acrylonitrile Butadiene Styrene, Polycarbonate, Polypropylene)
Style	Architectural
Light Fixture Form	Path
Product Dimensions	1.97"L x 3.46"W x 4.76"H
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Special Feature	RGB/OFF/ON Switch
Control Method	Touch (Switch)
Light Source Type	LED

Attribute	Detail
Voltage	1.2 Volts
Number of Light Sources	8
Brightness	10 Lumen
Water Resistance Level	IP65 Waterproof
Batteries Included	Yes
Item Weight	2.33 pounds

8. WARRANTY AND CUSTOMER SUPPORT

Otdair is committed to providing high-quality products and customer satisfaction. If you encounter any issues or are not satisfied with your solar deck lights, please contact Otdair customer service. We aim to resolve any problems within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official Otdair store on Amazon.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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