

Aulanto 103

Aulanto Solar Fence Lights (Model 103)

Instruction Manual

1. OVERVIEW

Thank you for choosing Aulanto Solar Fence Lights. These lights are designed to provide ambient and functional illumination for your outdoor spaces, including fences, walls, decks, and stairs. Featuring solar-powered operation, IP65 waterproofing, and multiple color modes, they offer a versatile lighting solution without the need for external wiring.

2. PRODUCT FEATURES

- **Versatile Lighting Modes:** Offers 10 solid colors (Warm White, Cool White, Red, Orange, Green, Blue, Yellow, Purple, Ice Blue) and 5 lighting modes (Warm White, Cool White, Solid 10 colors, RGB fade, RGB flash).
- **Long-Lasting Performance:** Equipped with a 1500mAh battery capacity, ensuring dusk-to-dawn operation (30+ hours working time after 4-6 hours of direct sunlight charging).
- **Durable & Weatherproof:** Constructed from hard ABS and PC material with an IP65 waterproof rating, suitable for all weather conditions.
- **Easy Installation:** Designed for quick and simple installation using included screws, without the need for complex wiring.
- **Convenient Control:** External buttons allow for easy mode and color changes without removing the installed lights.
- **Size Options:** Middle-size lights are suitable for small area lighting; for larger areas, more lights or the PLUS version (with 5 LED beads) are recommended.

3. PACKAGE CONTENTS

- Aulanto Solar Fence Lights (8 units)
- Mounting Screws
- Instruction Manual

4. SPECIFICATIONS

Attribute	Value
Brand	Aulanto
Model Number	103
Color	Warm White & RGB
Material	Polycarbonate, Acrylonitrile Butadiene Styrene
Power Source	Solar Powered
Water Resistance Level	IP65 Waterproof
Brightness	60 Lumens
Number of Light Sources	10 LED
Voltage	3.7 Volts
Wattage	1.5 watts
Control Method	Push Button
Item Dimensions (L x W x H)	4.75"L x 1.73"W x 2.75"H
Mounting Type	Wall Mount

5. SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for optimal charging.
- Do not immerse the lights in water, despite their waterproof rating.
- Keep out of reach of children.
- Dispose of batteries responsibly according to local regulations.
- Avoid placing lights near strong light sources at night, as this may interfere with the automatic dusk-to-dawn sensor.

6. SETUP AND INSTALLATION

The Aulanto Solar Fence Lights are designed for easy installation. Follow these steps to set up your lights:

1. **Unpack:** Carefully remove all lights and accessories from the packaging.
2. **Activate:** Locate the ON/OFF switch on the back of each light. Turn the switch to the 'ON' position.
3. **Initial Charge:** Place the lights in direct sunlight for 4-6 hours to ensure a full initial charge before first use.
4. **Choose Location:** Select a location that receives ample direct sunlight throughout the day for the solar panel. Ensure the area is suitable for the desired lighting effect (e.g., fence, wall, deck railing, stairs).
5. **Mounting:** Use the provided screws to securely attach each light to your chosen surface. For wooden surfaces, simply screw them in. For other materials, appropriate anchors may be required (not included).



Figure 1: Convenient control buttons and installation options. Lights can be installed with included screws or attached with tape (not included).



Figure 2: Examples of Aulanto Solar Fence Lights installed on stairs, fences, and walls, providing ambient lighting.

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Video 1: Demonstrates the installation of Aulanto solar fence lights and showcases various warm white and RGB color modes on a fence.

7. OPERATING INSTRUCTIONS

The Aulanto Solar Fence Lights feature an easy-to-use button for changing lighting modes and colors.

1. **Power On:** Ensure the main switch on the back of the light is in the 'ON' position. The light will automatically turn on at dusk and off at dawn.
2. **Change Modes/Colors:** Press the 'MODE' button located on the back of the light to cycle through the available lighting options.
3. **Available Modes:**
 - Warm White (3000K)
 - Cool White (6000K)
 - Solid 10 RGB Colors (Red, Orange, Green, Blue, Yellow, Purple, Ice Blue, etc.)

- RGB Fade Mode (colors smoothly transition)
- RGB Flash Mode (colors quickly change)

4. **Memory Function:** The lights are designed to remember the last selected mode/color when they turn on automatically the next night.



Figure 3: Visual representation of the various RGB color modes, including changing, flashing, and fixed color options.



Figure 4: An illustration of the 10 distinct colors and multiple modes offered by the lights.

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Video 2: A user demonstrates the various color-changing modes of the solar fence lights, highlighting their durability over two years.

8. CHARGING AND PERFORMANCE

These solar lights are designed for efficient energy use and long operational periods.

- **Solar Charging:** The integrated solar panel charges the internal 1500mAh battery during the day. Ensure the panel is clean and exposed to direct sunlight for 4-6 hours for optimal charging.
- **Automatic Operation:** A light sensor detects ambient light levels, automatically turning the lights on at dusk and off at dawn.
- **Extended Working Time:** A full charge provides over 30 hours of continuous illumination, ensuring your outdoor space remains lit throughout the night.



Figure 5: Diagram illustrating the high battery capacity and long working duration of the Aulanto Solar Fence Lights.

WORKING UP TO 30 HOURS



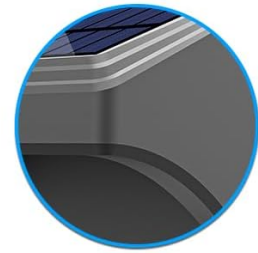
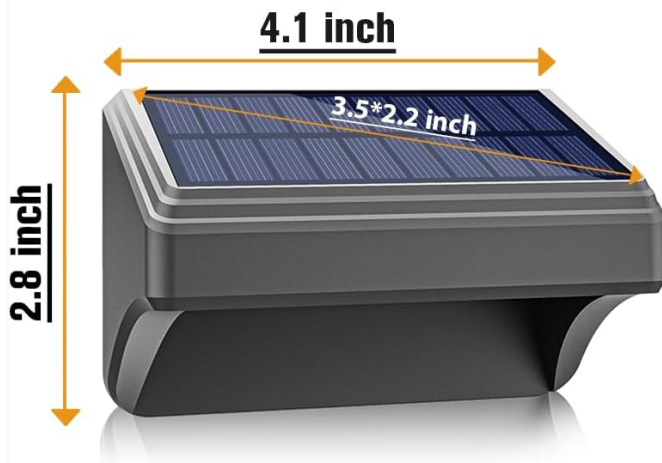
Figure 6: The lights provide consistent illumination for extended periods, as shown on this deck.

9. MAINTENANCE

To ensure the longevity and optimal performance of your Aulanto Solar Fence Lights, follow these simple maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption.
- **Battery Replacement:** The lights feature replaceable batteries. If you notice a significant decrease in performance after extended use, the internal 1500mAh battery may need to be replaced. Refer to the diagram below for battery access.
- **Inspect for Damage:** Periodically check the lights for any physical damage or signs of wear. Although IP65 waterproof, extreme conditions can affect durability.

SIZE & DETAIL

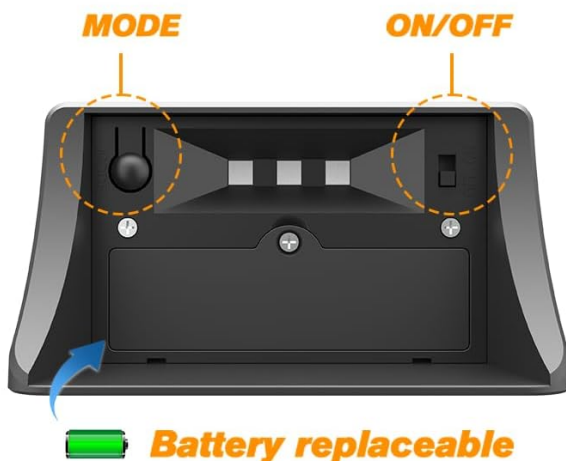


Anti-Rust



60 Lumens

Convenient Control



Convenient Button

Figure 7: Detailed view of the light's features, including the accessible battery compartment for replacement.

10. TROUBLESHOOTING

If you encounter any issues with your Aulanto Solar Fence Lights, please refer to the following common solutions:

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

- Ensure the ON/OFF switch is in the 'ON' position.
- Verify the solar panel is receiving adequate direct sunlight during the day (at least 4-6 hours).
- Check if there are any external light sources (e.g., streetlights, porch lights) near the solar light that might be triggering the light sensor to keep the light off.
- The battery might be low. Allow the light to charge for a full day in direct sunlight.

- **Lights Are Dim or Don't Last Long:**

- Clean the solar panel surface to ensure maximum sunlight absorption.
- Relocate the light to an area with more direct sunlight.

- The battery may be old or worn out. Consider replacing the battery (refer to Maintenance section).
- **Color Mode Not Changing:**
 - Press the 'MODE' button firmly and repeatedly to cycle through all available options.
 - Ensure the light has sufficient charge.

11. WARRANTY AND SUPPORT

Aulanto stands behind the quality of its products. Your Aulanto Solar Fence Lights come with **2-year manufacturer's warranty**.

If you experience any problems with the product or have any questions, please do not hesitate to contact our 24-hour customer service. We are committed to providing timely and quality service to resolve any issues you may encounter.

For support, please visit the [Aulanto Store on Amazon](#) or refer to the contact information provided with your purchase.