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> ropelux Solar Flood Light (Model 11-SL01USRO1) Instruction Manual

**ropelux 11-SL01USRO1**

# ropelux Solar Flood Light (Model 11-SL01USRO1) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

## 1. INTRODUCTION

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Thank you for choosing the ropelux Solar Flood Light. This manual provides detailed instructions for the safe and efficient use of your new outdoor lighting system. This solar-powered flood light features 7000 lumens of super bright LED illumination, dual motion sensors, and three adjustable lighting modes, designed to enhance security and visibility in various outdoor environments.



*Image 1.1: ropelux Solar Flood Light, showcasing its three adjustable light heads and integrated solar panel.*

## 2. SAFETY INFORMATION

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- Read all instructions carefully before installation and use.
- Ensure the mounting surface is stable and can support the weight of the light.
- Do not disassemble or modify the product, as this may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Avoid direct eye exposure to the LED light when it is active.
- Dispose of batteries according to local regulations.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- Lamp body (1)
- Lamp pole (1)
- Hexagonal screwdriver (1)

- Long screws (3)
- Nuts (3)
- Bracket (1)
- Holding piece (1)
- Pointed screws (2)
- Expansion tubes (2)

## 4. PRODUCT OVERVIEW

The ropelux Solar Flood Light is designed with multiple features for optimal outdoor illumination and security:

- **Adjustable Light Heads:** Three heads provide 270° wide-angle lighting.
- **Monocrystalline Silicon Solar Panels:** Efficiently convert sunlight into energy.
- **Dual Motion Sensors:** Offer a 180° detection angle and up to 30ft sensing range for enhanced security.
- **Integrated Battery:** 6000mAh capacity for extended operation.
- **Durable Construction:** Made from Acrylonitrile Butadiene Styrene, Aluminum, and Polycarbonate with an IP65 waterproof rating.



Image 4.1: Key components of the ropelux Solar Flood Light.

## 5. SETUP AND INSTALLATION

The ropelux Solar Flood Light is designed for easy, wireless installation. No electrical wiring is required.

1. **Choose a Location:** Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging. The light should be mounted on a wall or sturdy surface.
2. **Assemble the Mounting Arm:** Attach the lamp pole to the bracket using the provided screws and nuts.
3. **Mount the Bracket:** Use the pointed screws and expansion tubes to securely fasten the bracket to your chosen wall.
4. **Attach the Light Body:** Slide the lamp body onto the lamp pole and secure it with the hexagonal screwdriver.
5. **Adjust Light Heads:** Angle the three light heads to cover your desired illumination area.
6. **Initial Charge:** Allow the solar light to charge in direct sunlight for a full day (8-10 hours) before first use to ensure the battery is fully charged.



Image 5.1: Installation diagram for the ropelux Solar Flood Light.

For a visual guide on installation, please refer to the video below:

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*Video 5.2: Unboxing and installation guide for the ropelux Solar Flood Light. This video demonstrates the physical setup of the light, including attaching the mounting arm and securing it to a surface.*

## 6. OPERATING INSTRUCTIONS

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The ropelux Solar Flood Light operates automatically from dusk to dawn and features three distinct lighting modes. To activate the light and cycle through modes, use the push button located on the unit.



*Image 6.1: Automatic Dusk to Dawn functionality.*

### Lighting Modes:

- **Mode 1 (Dim Mode):** The light remains at 20% brightness continuously from dusk until dawn. (Press the button once; the light will flash once to confirm.)
- **Mode 2 (Smart Mode):** The light stays at 10% brightness from dusk. When motion is detected, it brightens to 100% for 18 seconds, then returns to 10% brightness. (Press the button twice; the light will flash twice to confirm.)
- **Mode 3 (Security Mode):** The light remains off from dusk. When motion is detected, it brightens to

100% for 18 seconds, then turns off completely. (Press the button three times; the light will flash three times to confirm.)

- To turn the light off, cycle through all three modes until the light remains off.

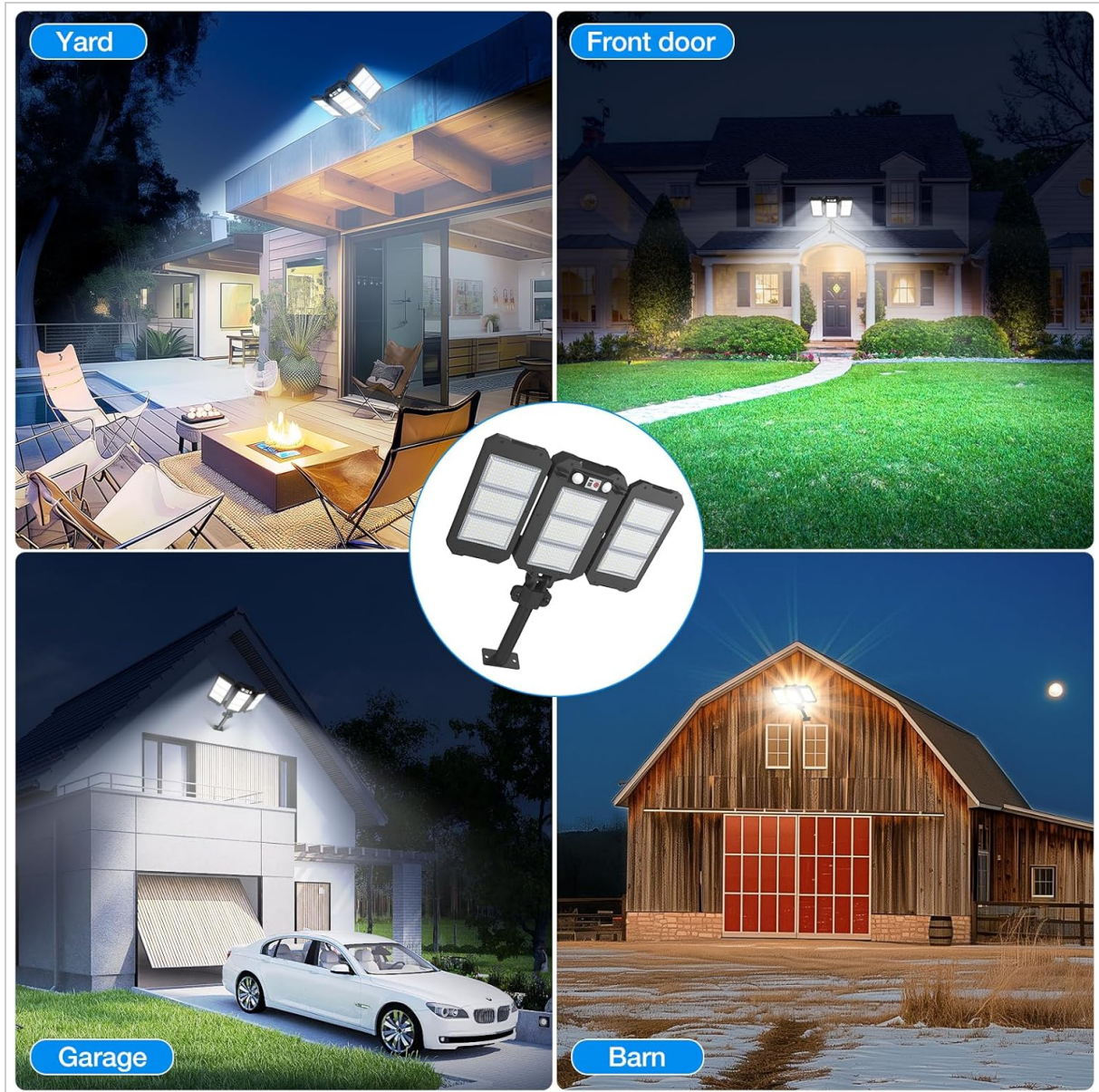


Image 6.2: Visual representation of the three operational modes.

Observe the lighting modes in action:

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Video 6.3: Demonstration of the ropelux Solar Flood Light's three lighting modes and motion sensor activation.

## 7. MAINTENANCE

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum charging efficiency.
- **Inspection:** Periodically check the mounting screws and bracket to ensure they remain secure.
- **Environmental Factors:** In areas with heavy snow or prolonged cloudy weather, the light's performance may be reduced due to insufficient charging. Clear snow from the solar panel as needed.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for 8-10 hours. Clean the solar panel.
Light is dim or runs for a short duration.	Partial charge or environmental factors.	Relocate the light to an area with more direct sunlight. Ensure the panel is clean.
Motion sensor is not detecting movement.	Obstruction or incorrect mode.	Ensure the sensor is clear of obstructions. Verify the light is in Mode 2 or Mode 3.
Light stays on constantly in Mode 2 or 3.	Continuous motion detection.	Check for objects or activities that might be continuously triggering the sensor.

## 9. SPECIFICATIONS

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Feature	Detail
Brand	ropelux
Model Name	11-SL01USRO1
Light Output	7000 Lumens (Max)
Color Temperature	6500 Kelvin (White Light)
Number of Light Sources	1 (with 3 adjustable heads)
Power Source	Solar Powered
Battery Capacity	6000mAh (3 AAA batteries included)
Motion Sensor Range	30ft, 180° detection angle (Dual Sensors)
Water Resistance Level	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene, Aluminum, Polycarbonate
Installation Type	Wall Mount
Product Dimensions	9.84"L x 7.09"W x 3.74"H
Item Weight	2.6 Pounds

## 10. WARRANTY AND SUPPORT

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The ropelux Solar Flood Light comes with a limited warranty. For specific warranty details, please refer to the product packaging or contact ropelux customer support.

If you encounter any issues or have questions regarding your product, please contact ropelux customer service. They are available to assist you within 24 hours.

For further assistance, visit the official ropelux store: [ropelux Store](#)

