

## ropelux XHY-UFO

# ropelux XHY-UFO Solar Outdoor/Indoor Motion Sensor Light User Manual

Model: XHY-UFO

## 1. INTRODUCTION

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Thank you for choosing the ropelux XHY-UFO Solar Outdoor/Indoor Motion Sensor Light. This product is designed to provide efficient and versatile lighting solutions for various indoor and outdoor environments. Featuring 3000 lumens of brightness, 5 distinct lighting modes (including 2 all-day modes), a sensitive motion sensor, and convenient remote control, this light is built for durability with an IP65 waterproof rating. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

## 2. SAFETY INSTRUCTIONS

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- Ensure the solar panel is installed in a location that receives direct sunlight for maximum charging efficiency.
- Do not look directly into the light when it is active, as the high brightness may cause eye strain or damage.
- Keep the product away from flammable materials.
- Do not attempt to disassemble or modify the product. Repairs should only be performed by qualified personnel.
- Ensure all connections are secure and waterproof to maintain the IP65 rating.
- Before initial use, fully charge the battery by placing the solar panel under direct sunlight for at least 8 hours.
- Always turn on the light switch before installation; otherwise, the remote control will not function.

## 3. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- 2 x Solar Shed Light (with bracket)
- 2 x Separate Solar Panel (with 16.4ft cord)
- 1 x Remote Control
- 1 x Instruction Manual

- Mounting Hardware

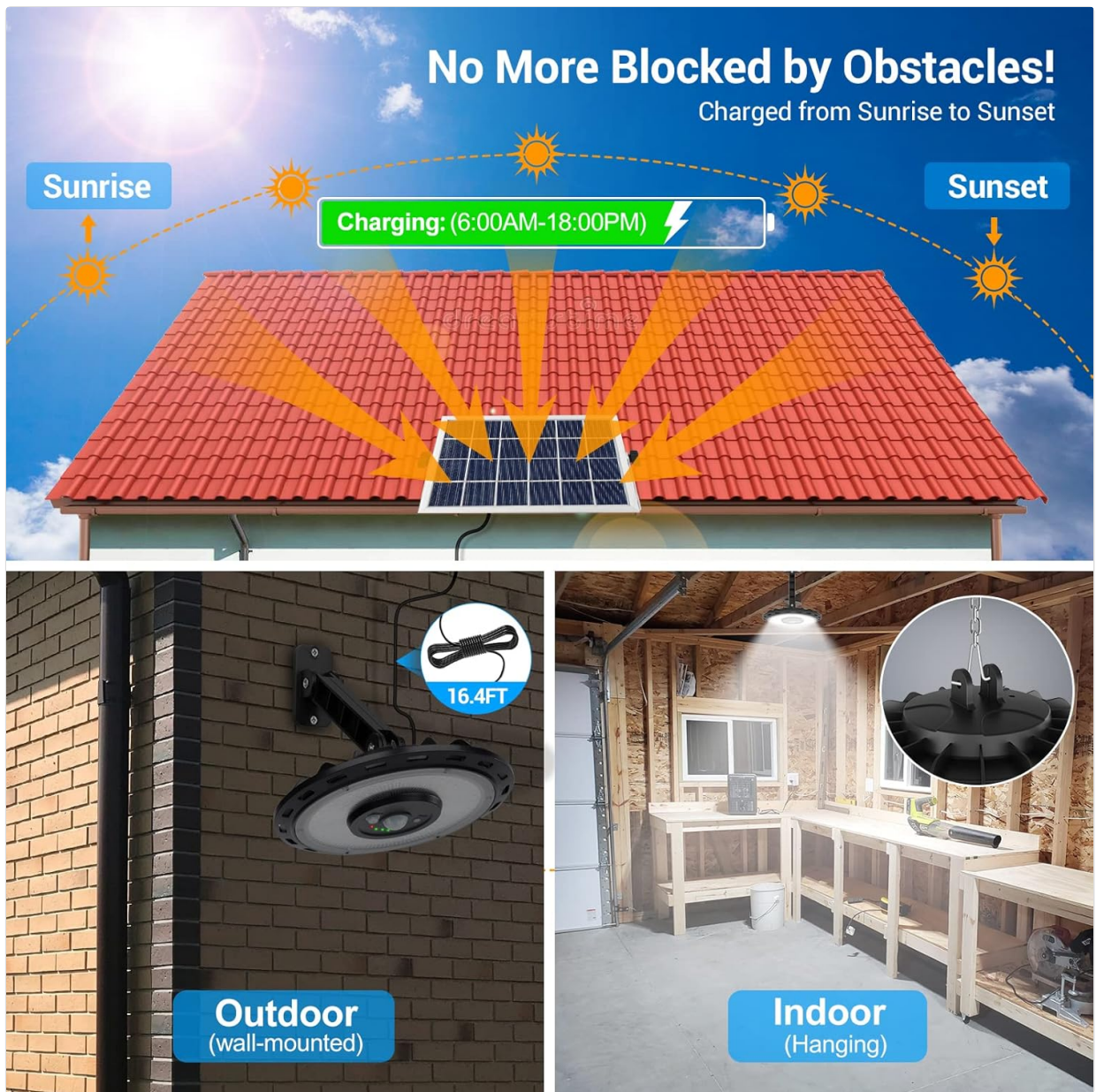
## 4. SETUP AND INSTALLATION

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The ropelux solar light offers flexible installation options for both hanging and wall-mounted applications. The separate solar panel with a 16.4ft cable allows for optimal placement to maximize sunlight exposure.

### 4.1 Installation Steps

1. **Assemble the Light Bracket:** Attach the provided bracket to the solar light unit using the included screws. Ensure it is securely fastened.
2. **Mount the Solar Light:** Choose your desired location for the light (e.g., ceiling, rafters, wall). Use the mounting hardware to securely attach the light unit. The bracket allows for angle adjustment to direct the light as needed.
3. **Install the Solar Panel:** Select a sunny spot for the solar panel, ideally where it receives direct sunlight for most of the day. The 16.4ft cable provides flexibility for placement. Secure the solar panel using its adjustable bracket and mounting hardware.
4. **Connect the Solar Panel to the Light:** Plug the cable from the solar panel into the designated port on the solar light unit. Ensure a tight and secure connection.
5. **Activate the Light:** Before final installation, ensure the main switch on the light unit is turned ON. This allows the remote control to function and the light to charge.



**Figure 1:** Illustration of solar panel placement on a roof for optimal charging and light unit installation options (wall-mounted and hanging inside a shed).

## Flexible Angle Adjustable



**Figure 2:** The solar panel and light unit feature adjustable angles for flexible positioning and optimal sunlight absorption.

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**Video 1:** This video demonstrates the assembly process for the ropelux solar light, including attaching the bracket and connecting the solar panel.

## 5. OPERATING INSTRUCTIONS

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The ropelux solar light can be operated using the included remote control, offering various modes and customizable settings.

### 5.1 Remote Control Functions

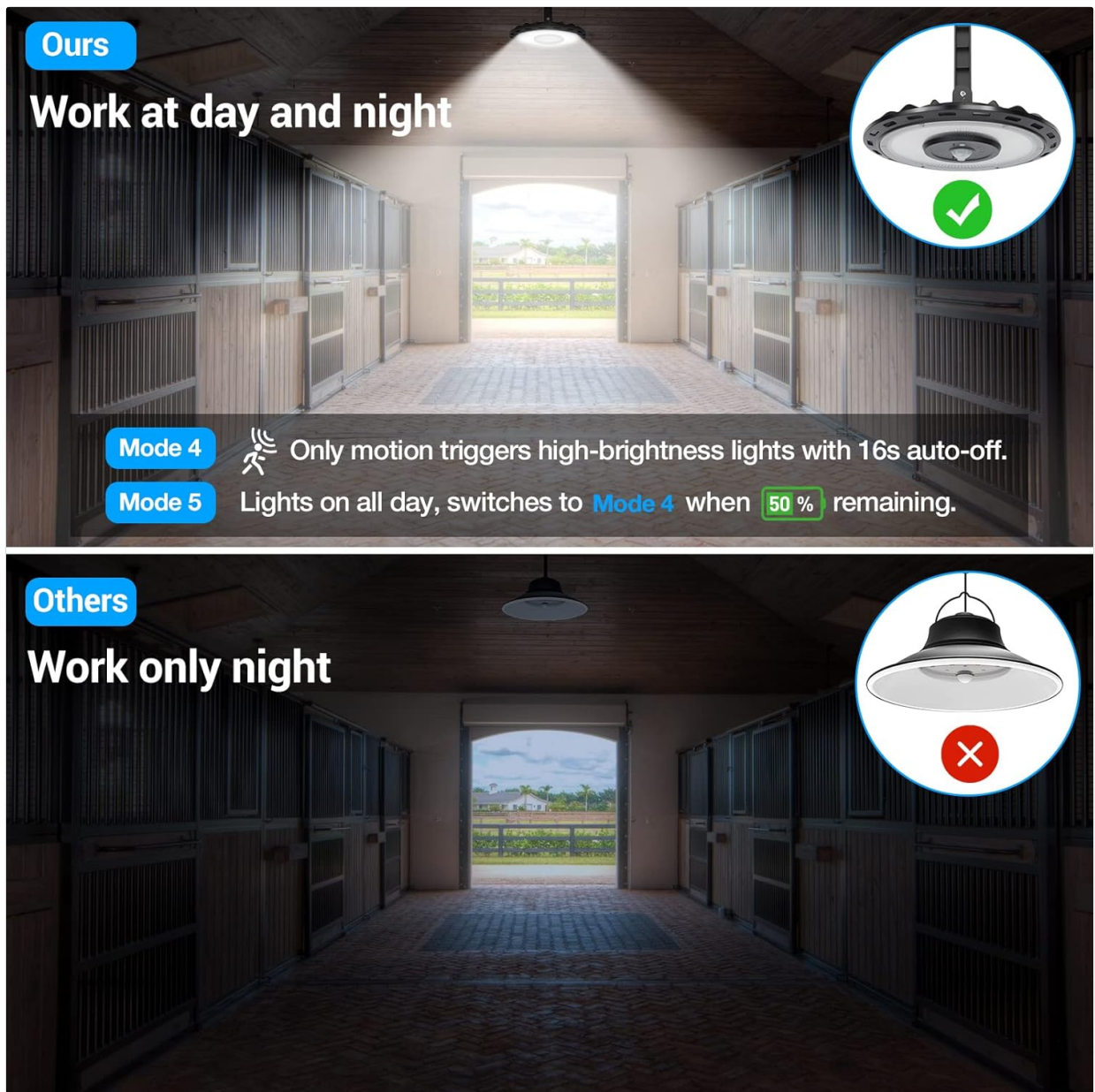
- **ON/OFF:** Turns the light on or off.
- **MODE 1-5:** Selects one of the five available lighting modes.
- **AUTO:** Activates an automatic mode (Mode 5) where the light operates all day and switches to motion-activated high brightness when battery is at 50%.
- **Brightness (+/-):** Adjusts the light brightness from 20% to 100% (5 levels: 20%, 40%, 60%, 80%, 100%).
- **Sensing Time (16S, 25S, 35S, 45S):** Sets the duration the light stays on after motion detection (default is 16 seconds).

*Note: Your custom settings for brightness and sensing time will be saved and remembered.*

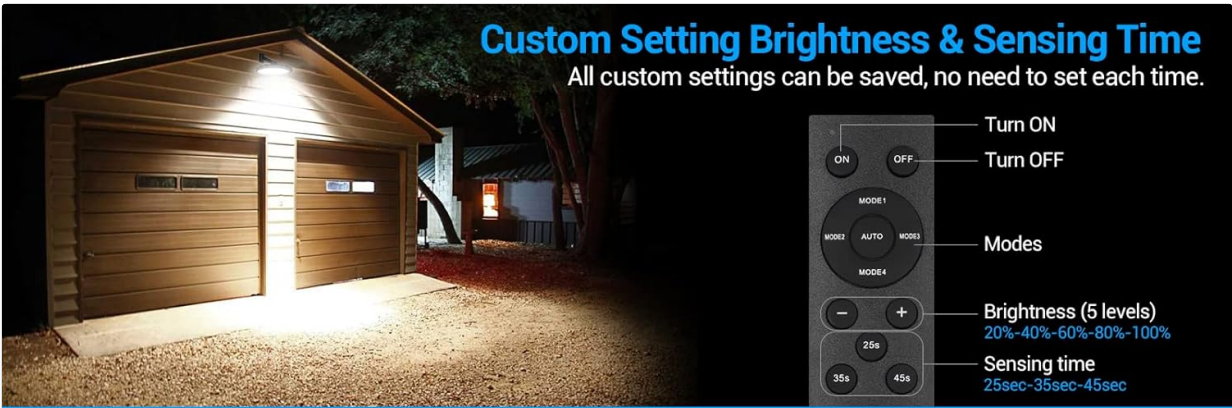
### 5.2 Lighting Modes

The light features 5 modes, including 2 all-day working modes and 3 dusk-to-dawn modes:

- **Mode 1 (Dusk to Dawn):** Low brightness at night, with high brightness activated upon motion detection.
- **Mode 2 (Dusk to Dawn):** Stays off at night, only activating high brightness upon motion detection.
- **Mode 3 (Dusk to Dawn):** Provides constant brightness throughout the night.
- **Mode 4 (All Day):** Only motion activates high-brightness lights during both day and night.
- **Mode 5 (Auto Mode - All Day):** Lights are on all day. Switches to Mode 4 (motion-activated high brightness) when the battery level reaches 50%.



**Figure 3:** Illustrates the advantage of ropelux's all-day working modes (Mode 4 & 5) compared to traditional solar lights that only operate at night.



## Dusk to Dawn Modes(default)

<p><b>Mode 1</b></p> <p>Low light at night with high light on motion detection.</p>	<p>Dim Brightness      100% Brightness      Dim Brightness</p> <p>16 SECS</p>
<p><b>Mode 2</b></p> <p>Stay off, only motion triggers high-brightness light at night.</p>	<p>Light OFF      100% Brightness      Light OFF</p> <p>16 SECS</p>
<p><b>Mode 3</b></p> <p>Constant brightness at night.</p>	<p>Dim Brightness      Dim Brightness      Dim Brightness</p>

Figure 4: Detailed explanation of Dusk to Dawn Modes (Mode 1, 2, 3) and custom brightness/sensing time settings via remote control.



**Figure 5:** The sensitive PIR motion sensor detects movement, activating the light according to the selected mode and sensing time.

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**Video 2:** This video illustrates the various lighting modes, including the 2 all-day working modes, and demonstrates the remote control functionality for brightness and sensing time adjustments.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your ropelux solar light, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, snow, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Inspect Connections:** Periodically check the connection between the solar panel and the light unit to ensure it remains secure and free from damage.
- **Clean the Light Unit:** Wipe the light unit with a soft, dry cloth to keep it clean. Avoid using abrasive cleaners.

## 7. TROUBLESHOOTING

If you encounter issues with your ropelux solar light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on at night.	<ol style="list-style-type: none"><li>1. Main switch is OFF.</li><li>2. Insufficient solar charge.</li><li>3. Solar panel is covered or in a dark area.</li><li>4. Incorrect mode selected (for dusk-to-dawn modes).</li></ol>	<ol style="list-style-type: none"><li>1. Ensure the main switch on the light unit is ON.</li><li>2. Ensure the solar panel receives 8+ hours of direct sunlight daily.</li><li>3. Relocate the solar panel to an unobstructed, sunny area. Clean any debris.</li><li>4. Select an appropriate dusk-to-dawn mode (Mode 1, 2, or 3). To test during the day, cover the solar panel.</li></ol>
Remote control is not working.	<ol style="list-style-type: none"><li>1. Main switch on light is OFF.</li><li>2. Remote battery is low or dead.</li></ol>	<ol style="list-style-type: none"><li>1. Ensure the main switch on the light unit is ON.</li><li>2. Replace the remote control battery.</li></ol>
Light is dim or does not last long.	<ol style="list-style-type: none"><li>1. Insufficient solar charge.</li><li>2. Battery degradation over time.</li></ol>	<ol style="list-style-type: none"><li>1. Ensure the solar panel is clean and receives maximum direct sunlight. Charge for a full day before use.</li><li>2. If the product is old, the battery may need replacement (contact support if within warranty).</li></ol>
Motion sensor is not detecting movement.	<ol style="list-style-type: none"><li>1. Sensor is obstructed.</li><li>2. Sensing time is set too short.</li><li>3. Light is in a mode without motion sensing.</li></ol>	<ol style="list-style-type: none"><li>1. Clear any obstructions from the motion sensor lens.</li><li>2. Adjust the sensing time to 25S, 35S, or 45S using the remote.</li><li>3. Ensure the light is in Mode 1, 2, 4, or 5 for motion detection.</li></ol>

## 8. SPECIFICATIONS

Feature	Detail
Brand	ropelux

Feature	Detail
Model Number	XHY-UFO
Item Dimensions (L x W x H)	7.87"L x 7.87"W x 8.86"H
Material	Acrylonitrile Butadiene Styrene, Tempered Glass
Power Source	Solar Powered
Light Source	LED
Light Color	Cool White
Water Resistance Level	IP65 Waterproof
Solar Panel Efficiency	22%
Control Method	Remote Control, Push Button
Mounting Type	Hanging / Wall-mounted
Number of Items	2 (per pack)
Special Features	5 Modes (2 All Day, 3 Dusk to Dawn), Dimmable (20-100%), Custom Motion Sensing Time (16S, 25S, 35S, 45S), Separate Solar Panel with 16.4ft Cord

## 9. WARRANTY AND SUPPORT

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The ropelux XHY-UFO Solar Outdoor/Indoor Motion Sensor Light comes with a **12-month limited warranty** from the date of purchase.

For warranty claims, technical support, or any questions regarding your product, please contact ropelux customer service through the retailer where you purchased the product or visit the official ropelux website for contact information.