

Gefolly 5H-2P

Gefolly Solar Street Light Outdoor (Model 5H-2P) Instruction Manual

1. INTRODUCTION

The Gefolly Solar Street Light (Model 5H-2P) is an outdoor lighting solution designed for various applications such as parking lots, warehouses, roads, and gardens. It features a 6500K daylight white light, motion sensing capabilities, and is powered by solar energy, eliminating electricity costs. The light is built with an IP68 waterproof rating for durability in diverse weather conditions.

2. PRODUCT FEATURES

- **Solar Powered Operation:** No electricity bills; automatically turns on at dusk and off at dawn.
- **High Brightness & Wide Coverage:** Equipped with 150 super bright LED beads, providing 6500K daylight white light and illuminating up to 1300 square feet.
- **Long Battery Life:** A 4000mAh battery offers up to 12 hours of continuous lighting when fully charged.
- **Durable Design:** IP68 waterproof rating ensures functionality in various weather conditions, including lightning, rain, frost, and heat.
- **Multiple Lighting Modes:** Includes Always Bright, Motion Sensing (two sub-modes), and Timing Set (3H, 5H, 4H options).
- **Smart Control:** Remote control allows adjustment of brightness (25%/50%/75%/100%) and selection of lighting modes.
- **Easy Installation:** Wireless design with included wall and pole mounting accessories.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Gefolly Solar Street Light (Model 5H-2P)
- Mounting Arm
- Wall Mounting Bracket
- Pole Mounting Bracket
- Remote Control

- Installation Screws and Anchors



Figure 3.1: Included components for the Gefolly Solar Street Light.

4. SETUP AND INSTALLATION

Follow these steps for proper installation and initial setup:

1. **Initial Charge:** Before first use, ensure the solar panel receives sufficient direct sunlight for 10-12 hours to fully charge the battery.
2. **Location Selection:** Install the light in a location where the solar panel receives direct sunlight for most of the day, away from any shade. Avoid areas where other artificial lights might interfere with the light sensor's ability to distinguish between day and night.
3. **Mounting Height:** The recommended installation height is between 8 to 13 feet (approximately 2.4 to 4 meters) for optimal lighting coverage of up to 1300 sq ft and a motion sensing distance of 0-26 feet.
4. **Mounting Method:** Choose between wall mount or pole mount using the provided accessories. Secure the chosen bracket to a sturdy surface or pole using the provided screws and anchors. Attach the light to the bracket.
5. **Testing:** After installation, cover the solar panel to check if the light functions normally.



Figure 4.1: Recommended installation parameters and coverage area.



Figure 4.2: Detail of the easy installation process.



Figure 4.3: Important tips for installation and optimal performance.

5. OPERATING INSTRUCTIONS

The Gefolly Solar Street Light is controlled using the included remote control. Ensure two AAA batteries (not included) are installed in the remote.

Remote Control Functions:



Figure 5.1: Remote control layout and functions.

- **Power On/Off:** Press the "ON" button to turn the light on. Press the "OFF" button to turn the light off.
- **Brightness Adjustment:** Press "25%", "50%", "75%", or "100%" to set the desired brightness level.

Lighting Modes:

- **Always Bright Mode (AUTO):** Press "AUTO". The light will charge during the day and automatically turn on at dusk, staying at a constant brightness until dawn or battery depletion.

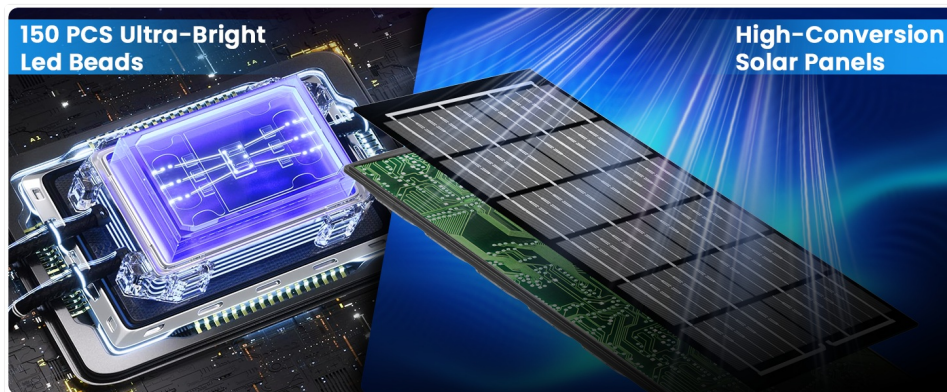


Figure 5.2: Always Bright Mode operation.

- **Motion Sensing Mode 1:** Press "WiFi 1". The light will maintain 20% brightness when no motion is detected and switch to 100% brightness when motion is detected. It will return to 20% brightness after motion ceases.



Figure 5.3: Motion Sensing Mode 1 operation.

- **Motion Sensing Mode 2:** Press "WiFi 2". The light will remain off when no motion is detected and switch to 100% brightness when motion is detected. It will turn off after motion ceases.

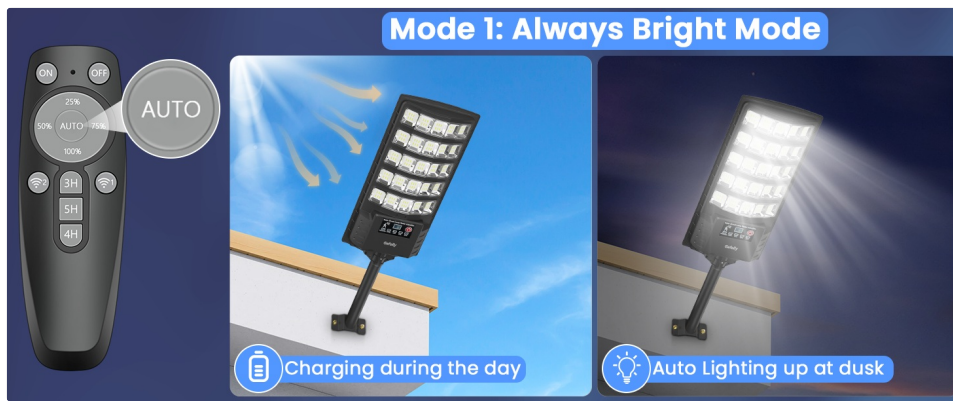


Figure 5.4: Motion Sensing Mode 2 operation.

- **Timing Set Mode:**

- Press "3H": The light will stay at constant brightness for 3 hours, then switch to Motion Sensing Mode 1.
- Press "5H": The light will stay at constant brightness for 5 hours, then switch to Motion Sensing Mode 1.
- Press "4H": The light will stay at constant brightness for 4 hours, then turn off completely.



Figure 5.5: Timing Set Mode options.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Gefolly Solar Street Light, perform the following maintenance tasks:

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel to remove dust, dirt, leaves, or debris. A clean panel ensures maximum sunlight absorption and efficient battery charging. Use a soft, damp cloth for cleaning.
- **Battery Check:** While the integrated battery is designed for long life, ensure the light is consistently receiving adequate sunlight for charging. If you notice a significant decrease in lighting duration, check for any new obstructions to the solar panel.
- **Fixture Inspection:** Periodically inspect the light fixture and all mounting hardware for any signs of wear, damage, or looseness. Tighten screws as needed to maintain secure installation.

7. TROUBLESHOOTING

If you encounter issues with your solar street light, refer to the following troubleshooting guide:

- **Light Does Not Turn On at Night:**
 - Ensure the solar panel has received sufficient direct sunlight for charging (10-12 hours recommended before first use).
 - Check if the light sensor is obstructed or if there are other strong artificial light sources nearby that might

prevent the light from activating.

- Verify the "ON" button on the remote has been pressed or the "AUTO" mode is selected.

• **Light Does Not Stay On Long Enough:**

- **Insufficient Charging:** The solar panel may not be receiving enough direct sunlight due to shade, cloudy weather, or dirt accumulation. Clean the panel and reposition if necessary.
- **Battery Degradation:** Over time, battery capacity can decrease.
- **High Traffic in Motion Sensing Modes:** Frequent activation to 100% brightness will consume more power, reducing overall runtime.

• **Motion Sensor Not Working:**

- Ensure Motion Sensing Mode 1 or 2 is selected on the remote.
- Check for obstructions blocking the sensor's field of view.
- Verify the light is installed within the recommended motion sensing distance (0-26 feet).

• **Remote Control Not Responding:**

- Check if the remote control batteries (AAA) are installed correctly and are not depleted.
- Ensure the remote is pointed directly at the light and within the effective range (0-26 feet).

8. SPECIFICATIONS

Attribute	Detail
Brand	Gefolly
Model Number	5H-2P
Light Source Type	LED (150 beads)
Color Temperature	6500 Kelvin (Cool White)
Power Source	Solar Powered
Battery Capacity	4000mAh
Water Resistance Level	IP68 Waterproof
Material	Acrylonitrile Butadiene Styrene, Plastic
Product Dimensions	5"L x 2"W x 3"H (Light fixture only, approximate)
Item Weight	4.4 pounds (approx. 2 Kilograms)
Installation Type	Wall Mount, Pole Mount
Control Method	Remote Control, Motion Sensor
Recommended Mounting Height	8-13 feet
Lighting Area	Up to 1300 sq ft
Motion Sensing Distance	0-26 feet

9. WARRANTY AND SUPPORT

- **Warranty Policy:** Gefolly offers a 3-year product maintenance policy from the date of purchase.
- **Return Policy:** A 120-day refund policy is available for eligible returns. Please refer to your purchase platform for specific return instructions.
- **Customer Service:** For any questions, concerns, or technical assistance regarding your Gefolly solar security floodlight, please contact Gefolly customer service. Contact information can typically be found on the product packaging or the seller's store page on the platform where you made your purchase.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question