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› JACKYLED Solar Dusk to Dawn Light Instruction Manual (Model JACKYLED342)

JACKYLED JACKYLED342

JACKYLED Solar Dusk to Dawn Light Instruction Manual

MODEL: JACKYLED342

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JACKYLED Solar Dusk to Dawn Light. This outdoor light is designed to provide illumination using solar power, automatically activating from dusk until dawn. It features 299 LEDs for 1000 lumens of brightness, an IP65 waterproof rating, and a 16.4ft extension cord for flexible solar panel placement.



Image: The JACKYLED Solar Dusk to Dawn Light, showing the solar panel connected to the LED light unit.

Key Features

- **1000 Lumen Brightness:** Equipped with 299 LED units, providing illumination equivalent to a 100W incandescent bulb.
- **Adjustable LED Lamp Panel:** The lamp panel can be adjusted left, right, up, and down to customize the lighting direction, covering a 120° area.
- **Faster-Charging Solar Panel:** Features a larger monocrystalline panel for increased charging efficiency, reducing full recharge time to 6.25 hours for up to 15 hours of light.
- **16.4ft Extension Cord:** Allows for flexible placement of the solar panel in optimal sunlight locations, independent of the light unit.
- **IP65 Waterproof:** Constructed with high-strength PC/ABS material, ensuring durability against rain, wind, snow, ice, and temperature extremes.
- **Dusk to Dawn Operation:** Automatically turns on at dusk and off at dawn. Note: This model does not include a motion sensor.

What's Included

The package contains the following components:

- 1 x LED Light Panel (299 LEDs)
- 1 x Solar Panel (Monocrystalline)
- 1 x 16.4ft Extension Cord
- 2 x Mounting Brackets
- Screws and Anchors for installation

Video: An overview of the JACKYLED Solar Floodlight components, including the LED panel, solar panel, extension cord, and mounting hardware.

Setup and Installation

Follow these steps to set up and install your solar light:

1. **Connect the Cord:** Ensure the extension cord is securely connected between the solar panel and the LED light panel. Align the arrows on the connectors for proper connection.
2. **Assemble the Light and Panel:** Attach the mounting brackets to both the LED light panel and the solar panel using the provided small screws. The brackets allow for 180-degree rotation to adjust the angle of both units.
3. **Mount the Units:** Choose appropriate locations for both the solar panel and the LED light. The solar panel should be placed where it receives maximum direct sunlight throughout the day. The LED light can be mounted in the desired illumination area. Use the provided screws and anchors to securely fasten the units.
4. **Activate the Power Switch:** Locate the power switch on the back of the solar panel and turn it ON. The light will now automatically recharge during the day and illuminate at night.

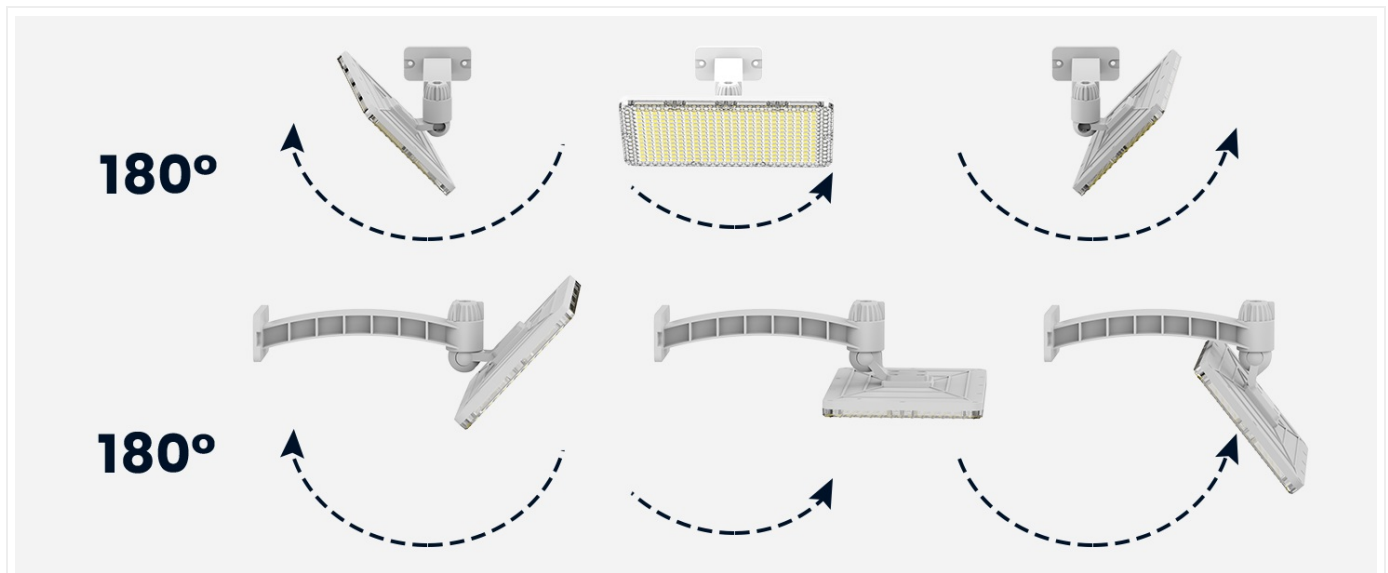


Image: Illustration demonstrating the flexible separate installation of the solar panel and the LED light unit using the extension cord.

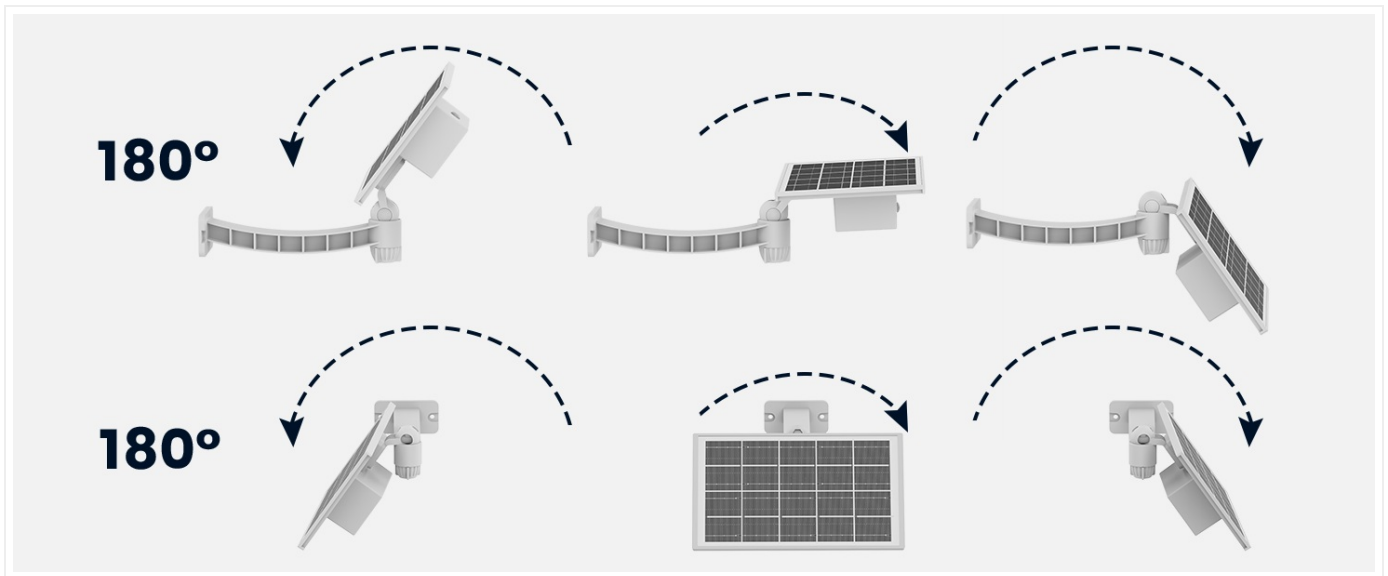


Image: Visual representation of the 180-degree adjustable mounting for both the solar panel and the light unit.

Operating Instructions

The JACKYLED Solar Dusk to Dawn Light operates automatically once installed and activated:

- **Automatic Activation:** The light will automatically turn on when ambient light levels drop (dusk) and turn off when light levels increase (dawn).
- **Charging:** The solar panel charges the internal 4000mAh battery during daylight hours. A full charge typically takes 6.25 hours of direct sunlight.
- **Runtime:** A fully charged battery can provide up to 15 hours of continuous illumination. Actual runtime may vary based on sunlight intensity and duration.
- **No Motion Sensor:** This model is designed for continuous dusk-to-dawn lighting and does not feature a motion sensor.



Image: Information on faster charging and longer working hours due to the upgraded solar panel.

Maintenance

To ensure optimal performance and longevity of your JACKYLED Solar Dusk to Dawn Light, consider the following maintenance tips:

- **Clean the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption.
- **Clear Obstructions:** Ensure no trees, buildings, or other objects are shading the solar panel during daylight hours, as this will reduce charging efficiency.
- **Inspect Connections:** Occasionally check the connection between the solar panel and the light unit to ensure it remains secure and free from damage.
- **Weather Resistance:** While IP65 waterproof, extreme weather conditions may still impact performance. Ensure secure mounting to withstand strong winds.



Image: The solar light demonstrating its IP65 weatherproof capabilities in rainy conditions.

Troubleshooting

If your solar light is not functioning as expected, refer to the following tips:

- **Light Not Turning On:**
 - Check if the arrows on the connectors between the solar panel and the light unit are properly aligned and securely connected.
 - Verify that the power switch on the back of the solar panel is in the 'ON' position.
 - Ensure the solar panel is not shaded by buildings, trees, or other obstructions during the day, preventing it from charging.
 - Confirm that the solar panel is not illuminated by other light sources at night, which could prevent the dusk-to-dawn sensor from activating the light.
- **Reduced Brightness or Runtime:**
 - The solar panel may not be receiving sufficient direct sunlight for a full charge. Relocate the panel to an area with more exposure.
 - Clean the surface of the solar panel to remove any dirt or debris that might be hindering charging efficiency.
 - Ensure the battery has had adequate time to charge (at least 6.25 hours of direct sunlight).



Image: Visual troubleshooting tips for common issues like non-lighting, including checking connections, power switch, and solar panel exposure.

Specifications

Brand	JACKYLED
Model Name	Solar Dusk to Dawn Light
Model Number	JACKYLED342
Light Source Type	LED
Number of Light Sources	299
Brightness	1000 Lumens
Color Temperature	9000 Kelvin
Power Source	Solar Powered
Battery Capacity	4000mAh
Charging Time	6.25 hours (direct sunlight)
Max Lighting Duration	Up to 15 hours
Extension Cord Length	16.4 feet
Water Resistance Level	IP65 Waterproof
Material	LED, Plastic
Product Dimensions	7.7"L x 4.6"W x 0.02"H
Item Weight	0.35 Pounds

Warranty and Support

JACKYLED stands behind its products with a full**1-year, no-questions-asked warranty**. If you require assistance,

service, or have any questions regarding your product, please contact customer support. They are available to provide quick, easy-to-follow solutions and professional assistance within 24 hours.

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

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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