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› Lampelc Solar Light Bulbs User Manual

Lampelc Solar Light Bulbs

Lampelc Solar Light Bulbs Instruction Manual

Model: Solar Light Bulbs

Brand: Lampelc

1. INTRODUCTION

Thank you for choosing Lampelc Solar Light Bulbs. This manual provides essential information for the proper setup, operation, and maintenance of your solar light bulbs. These versatile, rechargeable LED bulbs are designed for various applications, including indoor home use, chicken coops, outdoor camping, sheds, and emergency power outages, offering a clean, environment-friendly lighting solution.



Figure 1: Lampelo Solar Light Bulbs with Solar Panels.

2. KEY FEATURES

- **Solar Powered:** Utilizes solar energy for charging, providing a clean and sustainable power source.
- **Versatile Lighting:** Suitable for various environments including homes, chicken coops, sheds, garages, tents, and for emergency lighting during power outages.
- **Wide Coverage:** Each solar light bulb can illuminate approximately 100 square feet.
- **Long Cable Length:** Equipped with a 9.8 ft (approximately 3 meters) cable, allowing flexible placement of the solar panel.
- **Extended Working Time:** A 5-hour charge typically provides up to 8 hours of illumination.
- **Portable Design:** Lightweight and compact with an integrated hook for easy hanging and portability.

- **Manual ON/OFF Control:** Features a physical button for direct control of the light.
- **Waterproof:** Designed to withstand outdoor conditions.

Detail Display Diagram



Easily to carry



Solar Powered



Hook up



Hanging a solar bulb on a tent

Figure 2: Product Features and Applications.

3. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove the solar light bulb(s) and solar panel(s) from the packaging.
2. **Attach Bulb Cover (if detached):** The translucent cover of the bulb may be detached for shipping. Align the cover with the bulb base and gently press it into place until it clicks securely.

Your browser does not support the video tag.

Video 1: Demonstrates attaching the bulb cover and initial setup. This video shows the simple process of securing the bulb's translucent cover to its base, ensuring the internal LED components are protected and ready for use.

3. **Connect Solar Panel:** Locate the cable extending from the solar panel. Insert the connector end of this cable

into the Micro USB Input port on the top of the light bulb. Ensure a secure connection.



Figure 3: Bulb Top with Micro USB Input and ON/OFF Button.

4. **Position Solar Panel:** Place the solar panel in a location that receives direct sunlight for at least 5 hours daily. The longer the exposure to direct sunlight, the more charge the bulb will receive. The panel can be mounted on a roof or any sunny spot.
5. **Hang the Bulb:** Use the integrated metal hook on the bulb to hang it in your desired location, such as inside a tent, chicken coop, shed, or any area requiring illumination.

4. OPERATING INSTRUCTIONS

- **Manual ON/OFF:** This model features a manual ON/OFF button located on the top of the bulb, next to the charging port. Press this button to turn the light on or off. This model does not have an automatic dusk-to-dawn sensor.
- **Charging:** The bulb charges automatically when the solar panel is connected and exposed to sunlight. A charging indicator light will typically illuminate during charging. The bulb can also be charged using a 5-8V charger via the Micro USB input.
- **Battery Life:** A full charge (approximately 5 hours of direct sunlight) provides up to 8 hours of continuous light.

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Video 2: Shows the solar light bulb in operation within a chicken coop. This video highlights the practical application of the light, demonstrating its brightness and suitability for illuminating enclosed spaces like chicken coops.

5. MAINTENANCE

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Bulb Cleaning:** Clean the light bulb with a dry or slightly damp cloth. Do not use abrasive cleaners.
- **Storage:** If storing the product for an extended period, ensure the battery is fully charged and store it in a cool, dry place.
- **Water Resistance:** The product is waterproof, but avoid submerging it in water or exposing it to extreme weather conditions for prolonged periods.



Figure 4: Avoid exposing the bulb to severe weather conditions.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is not charged. ON/OFF button not pressed. Solar panel not receiving enough sunlight.	Ensure solar panel is in direct sunlight for at least 5 hours. Press the ON/OFF button on the bulb. Clean the solar panel surface.
Light duration is shorter than expected.	Insufficient charging time. Solar panel obstructed. Battery degradation over time.	Increase solar panel exposure to direct sunlight. Clear any obstructions from the solar panel. Battery lifespan is approximately 1 year; consider replacement if significantly degraded.
Bulb cover is loose or detached.	May have come loose during transport or handling.	Align the cover with the bulb base and gently press until it securely clicks into place.

7. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Lampelc
Model Number	Solar Light Bulbs
Power Source	Solar Powered
Light Source Type	Light Emitting Diode (LED)
Brightness	350 Lumen

Specification	Detail
Wattage	15 watts
Voltage	3.7 Volts
Battery Type	1 Lithium Polymer battery (included)
Battery Life	Up to 8 Hours (after 5-hour charge)
Cable Length	9.8 ft (approx. 3 meters)
Product Dimensions	2.55"L x 2.55"W x 5.9"H
Item Weight	9.6 ounces
Material	Plastic
Water Resistance Level	Waterproof
Style	Manual ON / OFF

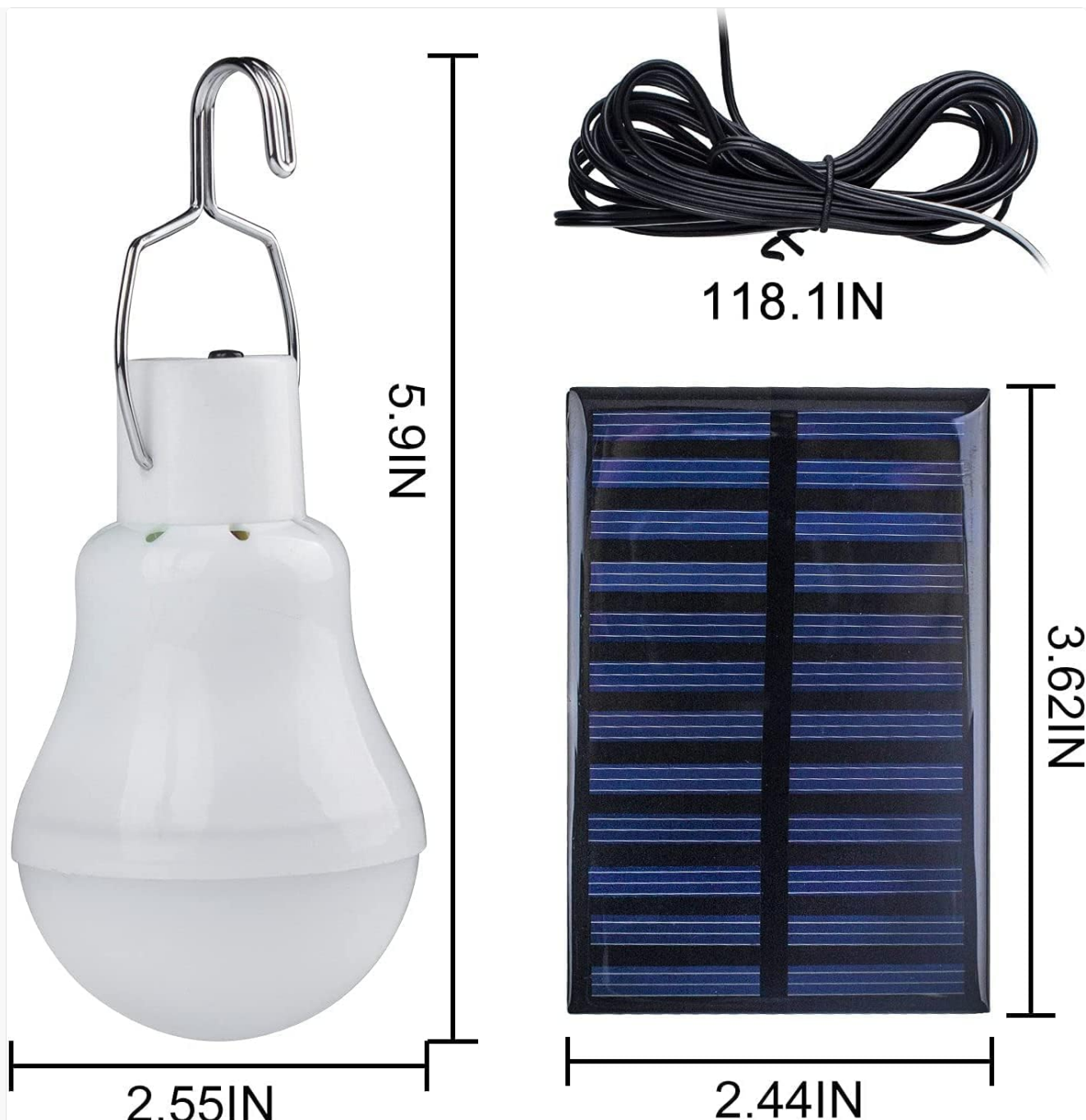


Figure 5: Product Dimensions.

8. WARRANTY AND SUPPORT

Lampelc Solar Light Bulbs come with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.

For any questions, technical support, or warranty claims, please contact Lampelc customer service through the retailer's platform where the product was purchased. Please have your purchase details and product model information ready for faster assistance.

