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› Lucande Solar Outdoor Wall Light with Motion Sensor and Dimmable LED (Model 10025932) User Manual

Lucande 10025932

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1. INTRODUCTION

Thank you for choosing the Lucande Solar Outdoor Wall Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new solar-powered outdoor light. Please read these instructions carefully before installation and retain them for future reference.

This modern outdoor wall light features an integrated motion sensor and a dimmable LED, designed to provide energy-efficient illumination for your outdoor spaces such as gardens, terraces, carports, or balconies. Its robust aluminum construction ensures durability and protection against outdoor elements.

2. SAFETY INFORMATION

- Always ensure the product is installed by a qualified professional if electrical wiring is involved, although this is a solar product, proper mounting is crucial.
- Do not attempt to modify or repair the product yourself. Contact qualified service personnel for any repairs.
- Keep the product away from flammable materials.
- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- This product is designed for outdoor use with an IP54 protection rating, meaning it is protected against dust ingress and splashing water.
- Do not immerse the product in water.

3. PACKAGE CONTENTS

Verify that all components are present before proceeding with installation:

- Lucande Solar Outdoor Wall Light (Model 10025932)
- Integrated LED Bulb
- Mounting Bracket
- Instruction Manual

4. SPECIFICATIONS

Feature	Specification
Brand	Lucande
Model Number	10025932
Material	Aluminum
Color	Black
Dimensions (L x W x H)	17.7 x 16 x 3.2 cm
Weight	630 grams
Light Source	Integrated LED (1.63 W total)
Luminous Flux	188 lm
Color Temperature	3000 Kelvin
Power Source	Solar Powered
Protection Rating	IP54 (Dust protected, splash-proof)
Protection Class	III
Special Features	Motion Sensor, Dimmable LED, Integrated Switch

5. SETUP AND INSTALLATION

Follow these steps to properly install your Lucande Solar Outdoor Wall Light:

- Choose a Location:** Select an outdoor location that receives ample direct sunlight throughout the day to ensure optimal charging of the solar panel. The location should also be suitable for the motion sensor's detection range.
- Prepare for Mounting:** Use the included mounting bracket as a template to mark the drilling points on your desired wall surface.
- Drill Holes:** Drill holes at the marked positions. Insert appropriate wall plugs if necessary (not included).
- Attach Mounting Bracket:** Secure the mounting bracket to the wall using screws (not included). Ensure it is firmly attached.
- Mount the Lamp:** Align the solar wall light with the mounting bracket and secure it in place. Ensure the solar panel faces upwards or towards the sun for maximum exposure.

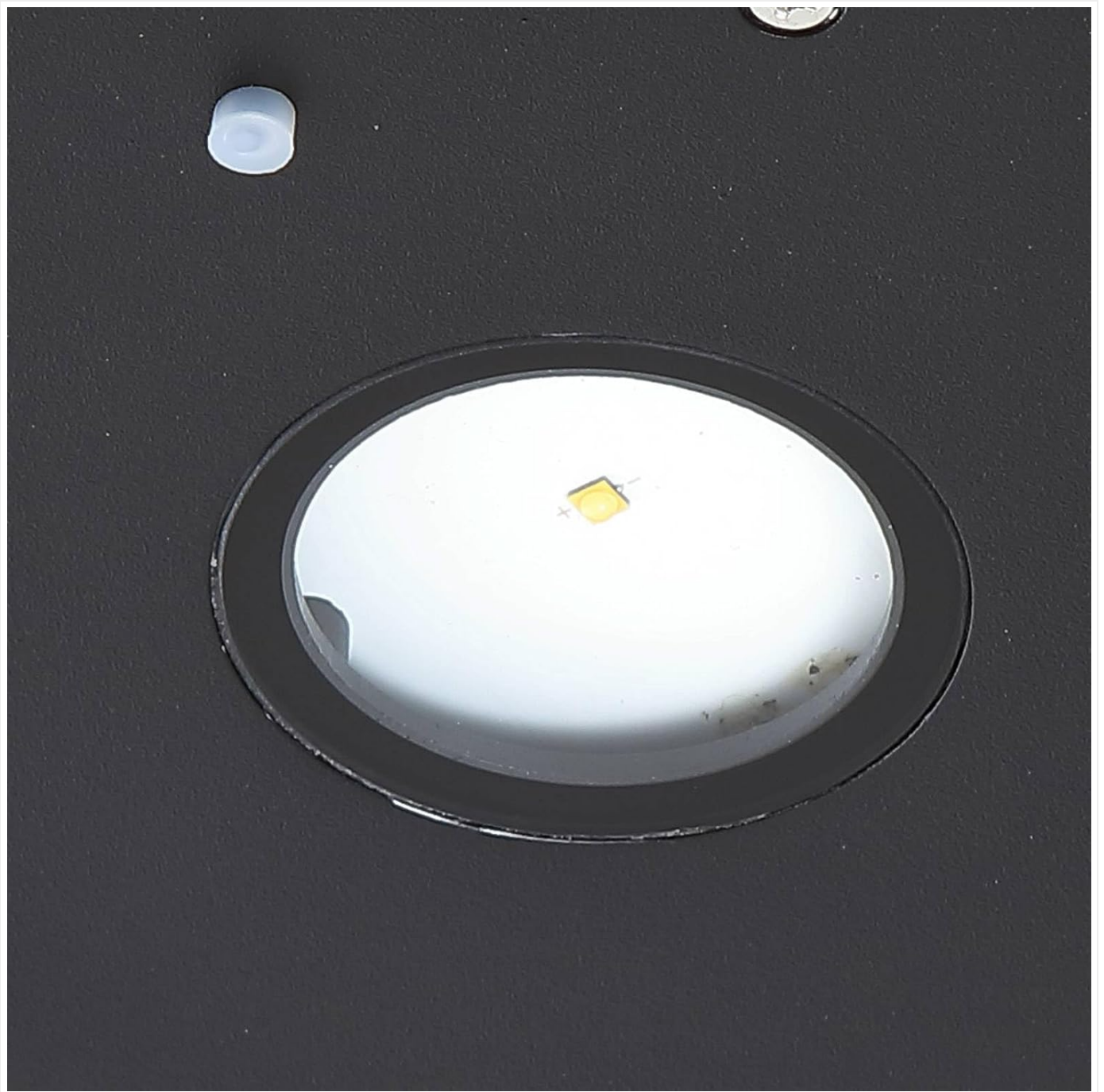


Figure 1: Rear view of the lamp, illustrating the solar panel and the attachment point for the mounting bracket.

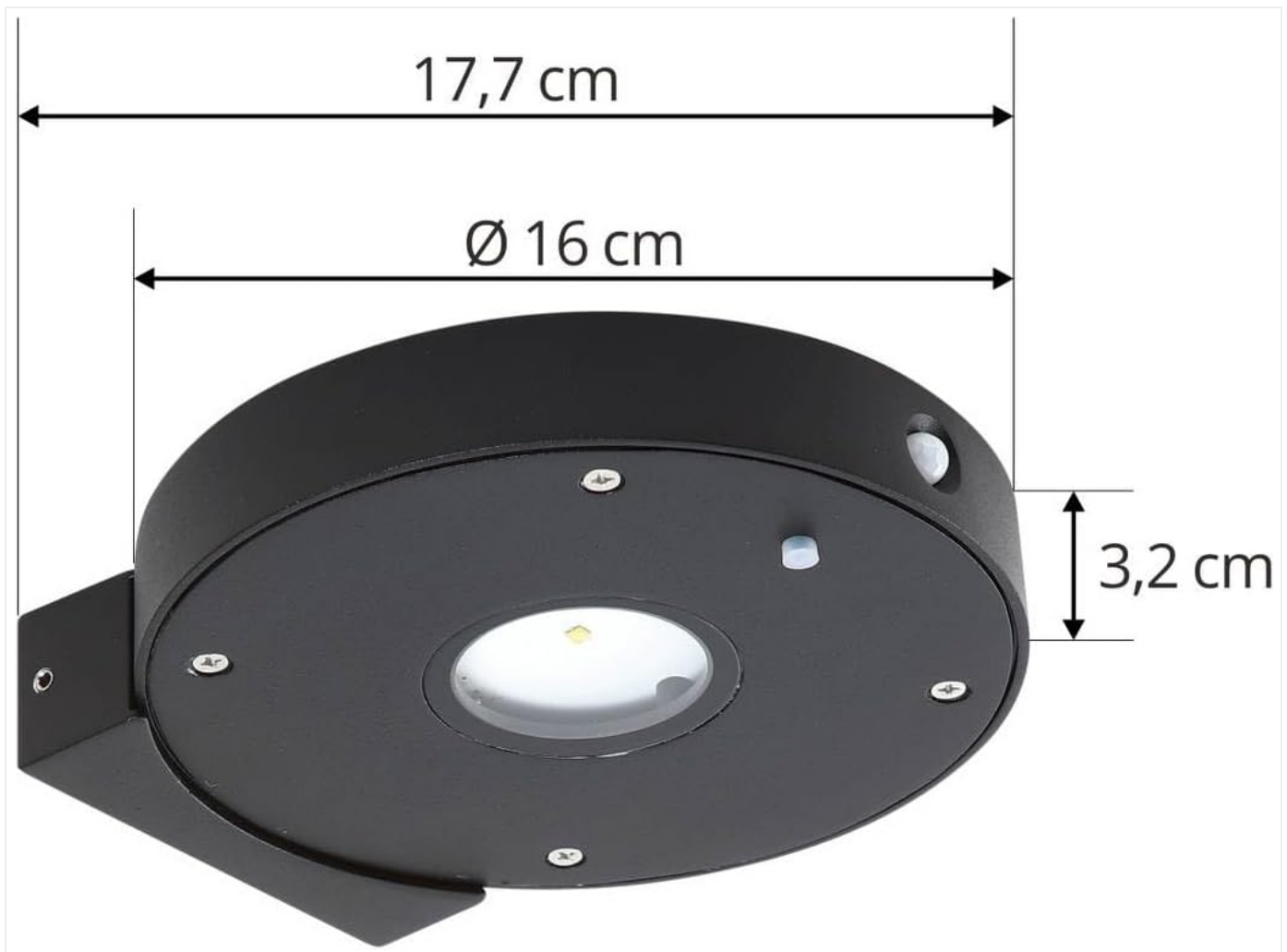


Figure 2: Dimensional drawing of the Lucande solar outdoor wall light, showing its length, width, and height.

6. OPERATING INSTRUCTIONS

The Lucande Solar Outdoor Wall Light is designed for automatic operation:

- **Initial Charge:** Before first use, allow the lamp to charge in direct sunlight for at least 8-10 hours to ensure the internal battery is sufficiently powered.
- **Automatic Operation:** The lamp will automatically turn on at dusk and off at dawn.
- **Motion Sensor:** The integrated motion sensor detects movement within its range, triggering the light to illuminate at full brightness. After a period of no detected motion, the light will dim or turn off to conserve energy.
- **Dimmable Feature:** The light features an automatic dimming function. When no motion is detected, the light will operate at a lower brightness level. Upon detecting motion, it will switch to full brightness.
- **Manual Switch:** A small integrated switch allows for manual override to turn the lamp completely off if desired. Locate the small button on the lamp's surface (see Figure 3). Press once to cycle through modes or turn off.



Figure 3: Detail of the lamp's surface, showing the motion sensor and the small manual switch for operation control.



Figure 4: The Lucande solar outdoor wall light installed and providing illumination in an outdoor setting.

7. MAINTENANCE

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

- **Cleaning:** Regularly clean the solar panel and the light's surface with a soft, damp cloth to remove dust, dirt, and debris. A clean solar panel ensures efficient charging.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or solvents, as these can damage the product's finish or components.
- **Seasonal Checks:** Periodically check the mounting screws to ensure the lamp remains securely attached to the wall.
- **Battery:** The integrated LED bulb and battery are designed for long-term use and are not user-replaceable.

8. TROUBLESHOOTING

If you encounter issues with your Lucande Solar Outdoor Wall Light, refer to the following common problems and solutions:

- **Light does not turn on at night:**

- Ensure the solar panel is receiving sufficient direct sunlight during the day. Relocate if necessary.
- Check if the manual switch is in the 'ON' position.
- Verify that the solar panel is clean and free of obstructions.
- Allow for an initial charge of 8-10 hours in direct sunlight.

- **Light is dim or only stays on for a short period:**

- The battery may not be fully charged. Ensure the solar panel receives maximum sunlight exposure.
- Environmental factors like cloudy weather or short winter days can affect charging efficiency.
- The battery's capacity might be reduced over time.

- **Motion sensor is not working:**

- Ensure the sensor lens is clean and unobstructed.
- Verify the lamp is installed within the recommended height and angle for motion detection.
- Test the sensor by moving within its detection range.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please refer to the documentation included with your purchase or visit the official Lucande website. Contact details for customer service are typically provided on the manufacturer's website or in your purchase confirmation.

