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› LUTEC Solar LED Replaceable Bulb User Manual

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For Compatible LUTEC Fixture Models: 6988808012, 6988808012-2pcs, 6920302012, 6940004012, 6940006012, 6940401012, 6940403012, 6920301012, 6990901012

INTRODUCTION

This manual provides essential information for the safe and efficient use of your LUTEC Solar LED Replaceable Bulb. Please read these instructions carefully before installation and operation, and retain them for future reference. This bulb is designed as a replacement for specific LUTEC solar-powered lighting fixtures.

SAFETY INSTRUCTIONS

- **Disconnect Power:** Always ensure the power to the fixture is disconnected before attempting to install, replace, or maintain the bulb.
- **Proper Voltage:** Use only with compatible LUTEC solar fixtures that provide the correct voltage (12 Volts DC).
- **Outdoor Use:** This bulb is rated for outdoor usage. Ensure the fixture it is installed in provides adequate protection from elements as per the fixture's design.
- **Handle with Care:** Avoid dropping or subjecting the bulb to excessive force.
- **Disposal:** Dispose of old bulbs according to local regulations for electronic waste.

SETUP AND INSTALLATION

This bulb is designed for easy replacement in compatible LUTEC solar lighting fixtures. Follow these steps for proper installation:

1. **Prepare the Fixture:** Ensure the solar lighting fixture is turned off and disconnected from any power source, if applicable. For solar lights, ensure the solar panel is covered or the light is in a dark environment to prevent it from turning on during installation.
2. **Remove Old Bulb:** Carefully unscrew the existing bulb from the E26 base.
3. **Insert New Bulb:** Gently screw the new LUTEC Solar LED Replaceable Bulb into the E26 socket until it is snug. Do not overtighten.
4. **Test Functionality:** Once the bulb is securely installed, expose the solar panel to light or uncover it. The light should illuminate automatically at dusk or when activated by the fixture's control method.



Figure 1: Front view of the LUTEC Solar LED Replaceable Bulb, showing the E26 base and LED filaments.



Figure 2: Angled view of the LUTEC Solar LED Replaceable Bulb, highlighting the clear glass and internal LED structure.

OPERATING INSTRUCTIONS

This LED bulb is designed to work seamlessly with compatible LUTEC solar lighting fixtures. Its operation is primarily controlled by the fixture itself.

- **Automatic Operation:** In most LUTEC solar fixtures, the bulb will automatically illuminate at dusk and turn off at dawn, or after a set period, based on the fixture's integrated light sensor and timer.
- **Dimmable Feature:** The bulb supports dimming functionality. If your LUTEC fixture has a dimming control (e.g., via a push button on the fixture or through a compatible mobile application), you can adjust the brightness of the bulb. Refer to your specific fixture's manual for dimming instructions.
- **Control Methods:** Depending on your LUTEC fixture model, control may be via a physical push button on the fixture or through a dedicated mobile application (App).

MAINTENANCE

The LUTEC Solar LED Replaceable Bulb requires minimal maintenance. However, regular care of the overall lighting fixture will ensure optimal performance.

- **Cleaning:** Periodically clean the exterior of the bulb and the fixture's lens with a soft, damp cloth to remove dust and debris. Do not use abrasive cleaners or solvents. Ensure the fixture is off before cleaning.
- **Bulb Replacement:** While LED bulbs have a long lifespan, if the bulb eventually fails, replace it with an authentic LUTEC Solar LED Replaceable Bulb to ensure compatibility and performance.
- **Solar Panel Cleaning:** For optimal charging, ensure the solar panel on your fixture is kept clean and free of obstructions.

TROUBLESHOOTING

If you encounter issues with your LUTEC Solar LED Replaceable Bulb, consider the following common solutions:

- **Bulb Not Lighting Up:**
 - Ensure the bulb is screwed in tightly into the E26 socket.
 - Verify the solar panel on the fixture is clean and receiving adequate sunlight during the day.
 - Check if the fixture's battery is fully charged. Allow a full day of sunlight charging.
 - Confirm the fixture's switch (if any) is in the "ON" position.
 - Ensure there are no external light sources (e.g., streetlights) interfering with the fixture's light sensor, causing it to remain off.
- **Bulb is Dim or Flickering:**
 - This often indicates a low battery charge in the solar fixture. Ensure the solar panel is clean and exposed to direct sunlight for a full day.
 - If the fixture has dimming controls, check the current brightness setting.
- **Bulb Fails Prematurely:**
 - Ensure the bulb was installed in a compatible LUTEC fixture with the correct voltage (12V DC).
 - Contact LUTEC customer support if the issue persists after troubleshooting.

SPECIFICATIONS

Feature	Specification
Brand	LUTEC
Light Type	LED
Special Feature	Dimmable
Wattage	15 Watts
Bulb Base	E26
Voltage	12 Volts (DC)
Brightness	200 Lumens (Warm White)

Feature	Specification
Light Color	Warm White
Material	Copper (internal components)
Indoor/Outdoor Usage	Outdoor (when installed in appropriate fixture)
Power Source	Solar Powered (via compatible fixture)
Control Method	Push Button / App (depending on fixture)
Item Weight	1.58 ounces
Package Dimensions	5.65 x 2.3 x 0.98 inches

WARRANTY AND SUPPORT

For specific warranty information regarding your LUTEC Solar LED Replaceable Bulb, please refer to the documentation provided with your original LUTEC lighting fixture or visit the official LUTEC website. General return policies may apply as per retailer terms (e.g., 30-day refund/replacement policy).

For technical support or further inquiries, please contact LUTEC customer service or visit the [LUTEC Store on Amazon](#).

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