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› Lakumu 100FT G40 Solar String Lights Instruction Manual

Lakumu GLS20C3CCTW-G40-50

Lakumu 100FT G40 Solar String Lights Instruction Manual

Brand: Lakumu | Model: GLS20C3CCTW-G40-50

1. INTRODUCTION

Thank you for choosing Lakumu 100FT G40 Solar String Lights. These outdoor string lights are designed to provide warm, ambient lighting for various outdoor spaces such as patios, gardens, backyards, and pergolas. Featuring solar power and USB charging capabilities, they offer an energy-efficient and convenient lighting solution. The G40 bulbs are shatterproof and weather-resistant, ensuring durability and safety in diverse conditions.



Image: Overview of the Lakumu 100FT G40 Solar String Lights, including the solar panel and packaging.

2. WHAT'S IN THE BOX

Please ensure all components are present before installation:

- 100FT G40 Solar String Lights (with 50 E12 sockets and 52 LED bulbs)
- 1 x Solar Panel with ground stake
- 2 x Spare G40 LED Bulbs
- Mounting accessories (clips, screws, wall anchors)
- 1 x USB Charging Cable
- 2 x 9V Batteries (pre-installed in solar panel)

3. KEY FEATURES

- **Solar Powered & USB Charging:** Equipped with high-efficiency solar panels, these lights convert sunlight into electrical energy during the day, providing approximately 10 hours of illumination at night after 6-8 hours of

sun exposure. A USB charging port is included for reliable operation on cloudy days or when solar charging is insufficient.

- **Commercial-Grade Waterproof Design & Shatterproof Globe Lights:** Constructed with advanced water-resistant materials, the string lights are designed to withstand extreme weather conditions, including heavy rain and snowstorms. The G40 bulbs are shatterproof and durable, ensuring safety and longevity.
- **4 Lighting Modes & Automatic Operation:** Choose from four distinct lighting modes to create various ambient effects. The lights feature a dusk-to-dawn photocell sensor, automatically turning on at dusk and off at sunrise, eliminating the need for manual control.
- **100FT Length & 52 2700K LED Bulbs:** The 100-foot string includes 50 E12 sockets with 52 warm white (2700K) LED bulbs, providing ample coverage and a pleasant glow. Two spare bulbs are included for convenience.
- **Easy Installation & Wide Applications:** Simple assembly involves screwing in bulbs and positioning the solar panel. These lights are ideal for decorating fences, gardens, patios, porches, pathways, backyards, and for special occasions like parties, weddings, and holidays.



Image: The string lights illuminating a backyard at dusk, highlighting their shatterproof design and automatic dusk-to-dawn functionality.

4. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging. Inspect bulbs and wiring for any damage.
2. **Assemble Bulbs:** Gently screw each G40 LED bulb into its respective E12 socket on the string. Ensure they are finger-tight to prevent moisture entry.
3. **Solar Panel Placement:** Choose a location for the solar panel that receives direct sunlight for 6-8 hours daily. Avoid shaded areas. The panel can be mounted using the ground stake or attached to a surface with screws. The 180° adjustable panel allows for optimal sun exposure.

4. **Connect Solar Panel:** Plug the string light connector into the solar panel unit.
5. **Initial Charge:** For best performance, allow the solar panel to charge for a full 6-8 hours in direct sunlight before first use. Alternatively, use the provided USB cable to charge the unit. A red light indicates charging, and a blue light indicates a full charge.
6. **Mounting the Lights:** Use the integrated clips on each socket or the provided mounting accessories (clips, screws, wall anchors) to hang the string lights along your desired path, such as a fence, pergola, or patio edge.



Image: The solar panel with its 180-degree adjustable feature, allowing for optimal positioning to capture sunlight.



Image: A close-up of a G40 bulb being attached to a fence using a clip, demonstrating the ease of installation.

Your browser does not support the video tag.

Video: An overview of the G40 Solar String Lights, demonstrating their features and potential applications in various outdoor settings.

5. OPERATING INSTRUCTIONS

- **Power On/Off:** Locate the 'ON/OFF' button on the back of the solar panel unit. Press it to turn the lights on or off. For automatic operation, ensure the power button is in the 'ON' position.
- **Automatic Dusk-to-Dawn:** When the power is 'ON', the built-in photocell sensor will automatically detect ambient light levels. The lights will illuminate at dusk and turn off at dawn, conserving energy.
- **Switching Lighting Modes:** The solar panel unit also features a 'MODE' button. Press this button to cycle through the 4 available lighting modes (e.g., steady on, slow fade, twinkle, etc.) to suit your preference.
- **USB Charging:** If solar charging is insufficient due to prolonged cloudy weather or specific placement, connect the provided USB cable to the solar panel's charging port and a standard USB power adapter (not included) for manual charging. The indicator light will show red during charging and blue when fully charged.

Auto turn ON at dusk but turn OFF at Daytime & 3 Lighting Modes



Image: The string lights glowing warmly at dusk, illustrating their automatic activation and the availability of multiple lighting modes.

6. MAINTENANCE

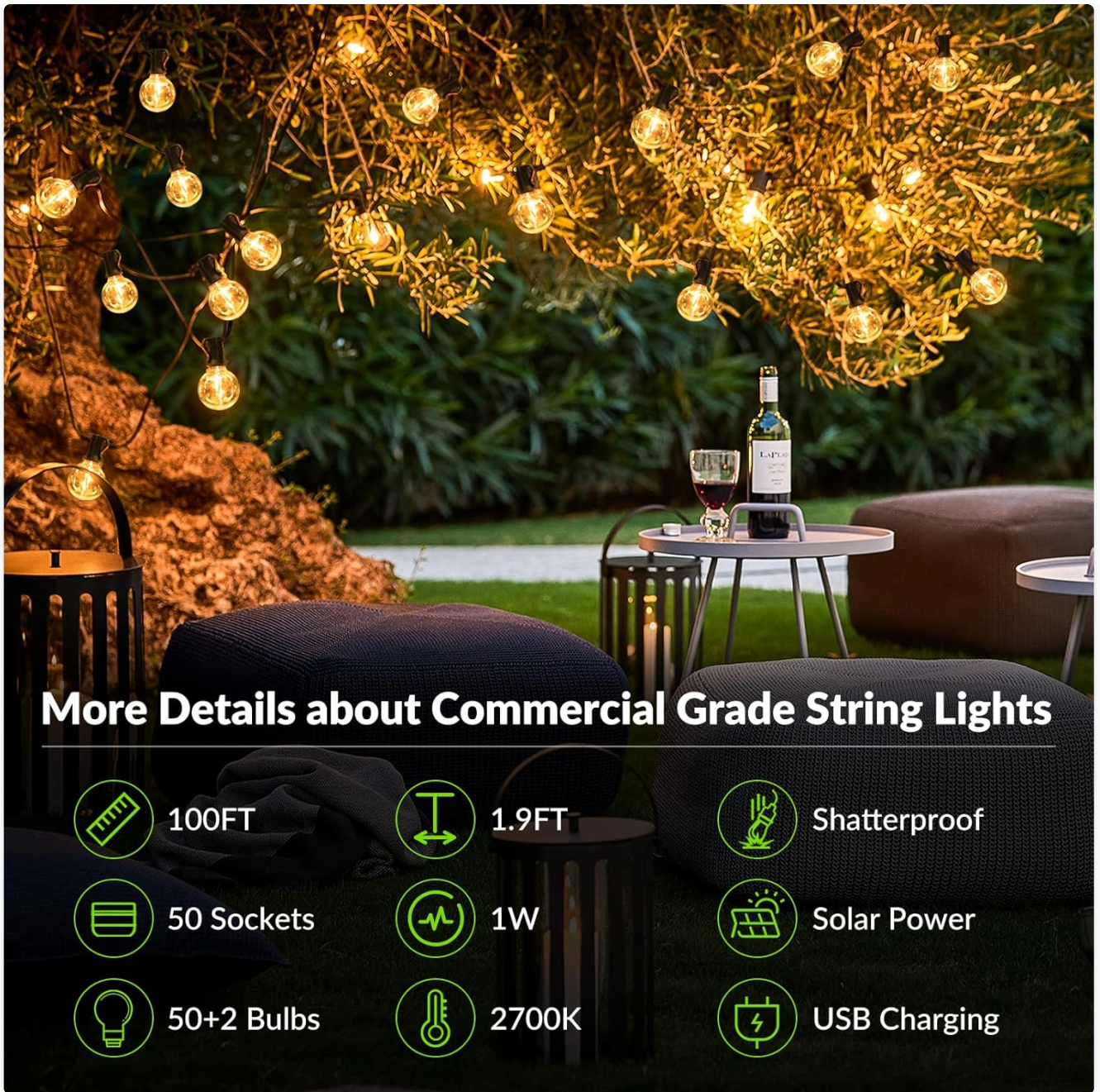
- **Cleaning the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum charging efficiency.
- **Bulb Replacement:** If a bulb stops working, carefully unscrew it from its socket. Replace it with one of the provided spare G40 LED bulbs. Ensure the new bulb is securely screwed in to maintain weather resistance.
- **Battery Care:** The included 9V batteries are designed for long life. If the lights' performance significantly degrades over time, consider replacing the batteries in the solar panel unit.
- **Seasonal Storage:** If storing the lights for an extended period, ensure the solar panel is fully charged. Store the lights and solar panel in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on at night.	Solar panel not sufficiently charged.	Ensure solar panel is placed in direct sunlight for 6-8 hours. Use USB charging if sunlight is limited.
Lights are dim or only stay on for a short time.	Insufficient solar charging or dirty solar panel.	Clean the solar panel surface. Reposition the panel for maximum sun exposure. Charge via USB if needed.
Individual bulbs are not lighting up.	Faulty or loose bulb.	Check if the bulb is screwed in tightly. Replace the faulty bulb with a spare.
Lights turn off too early.	Battery not fully charged or aging battery.	Ensure full charge. Consider replacing the 9V batteries in the solar panel unit if performance does not improve.

8. SPECIFICATIONS

- **Brand:** Lakumu
- **Model Number:** GLS20C3CCTW-G40-50
- **Length:** 100 Feet
- **Bulb Type:** G40 LED
- **Number of Bulbs:** 52 (50 + 2 spare)
- **Socket Type:** E12
- **Light Color:** Warm White
- **Color Temperature:** 2700 Kelvin
- **Power Source:** Solar Powered, USB Charging
- **Voltage:** 5 Volts
- **Wattage:** 5 watts
- **Special Features:** Waterproof, Shatterproof, 4 Lighting Modes, Dusk-to-Dawn Sensor
- **Material:** Plastic
- **Batteries:** 2 x 9V batteries (included)
- **Indoor/Outdoor Usage:** Outdoor



More Details about Commercial Grade String Lights



100FT



1.9FT



Shatterproof



50 Sockets



1W



Solar Power



50+2 Bulbs



2700K



USB Charging

Image: A graphic detailing key specifications such as length, number of sockets, wattage, color temperature, and power options.

9. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact Lakumu customer service through the retailer's platform or visit the official Lakumu store. Please retain your purchase receipt for warranty purposes.

Lakumu Store: <https://www.amazon.com/stores/Lakumu/page/AB19BBF9-6A29-4054-AB78-27FF2C8B5AC6>