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> SUNTHIN Outdoor String Lights User Manual - 96FT LED Shatterproof Bulbs

## SUNTHIN GLS-18J2P-E26S-32

# SUNTHIN Outdoor String Lights User Manual

Model: GLS-18J2P-E26S-32

## INTRODUCTION

Thank you for choosing SUNTHIN Outdoor String Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new string lights. Please read it thoroughly before use and retain it for future reference.

## PRODUCT FEATURES

- **Durable Construction:** Features 18-gauge thick wire, high-quality copper, and LED bulbs for energy efficiency and reduced maintenance. ETL certified for year-round use in various weather conditions.
- **Shatterproof & Waterproof:** Bulbs are made of plastic, offering superior shatter resistance compared to traditional glass. Designed to withstand rain and snow, ensuring reliable outdoor performance.
- **Dimmable Capability:** Compatible with SUNTHIN dimmers (sold separately) for remote brightness control. Can also connect to smart dimmers for voice and phone control.
- **Connectable Design:** Equipped with end-to-end connections, allowing you to link up to 12 strands to achieve desired length for any installation.
- **Versatile Application:** Ideal for illuminating yards, porches, gazebos, terraces, patios, bistros, decks, and pools, creating a warm and inviting ambiance.

## SPECIFICATIONS

Attribute	Detail
Brand	SUNTHIN
Model Number	GLS-18J2P-E26S-32
Item Length	96 Feet

Number of Bulbs	32
Bulb Type	LED, S14 Shape
Wattage	32 Watts (1W per bulb)
Voltage	120 Volts
Light Color	Warm White (2700 Kelvin)
Material	Plastic (Shatterproof)
Usage	Outdoor
Special Features	Connectable, Dimmable, Shatterproof, Waterproof, Weather Resistant
Plug Format	US Style

## PACKAGE CONTENTS

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- 1 x 96FT String Light Strand with 32 LED S14 Bulbs
- (Note: Dimmer sold separately)

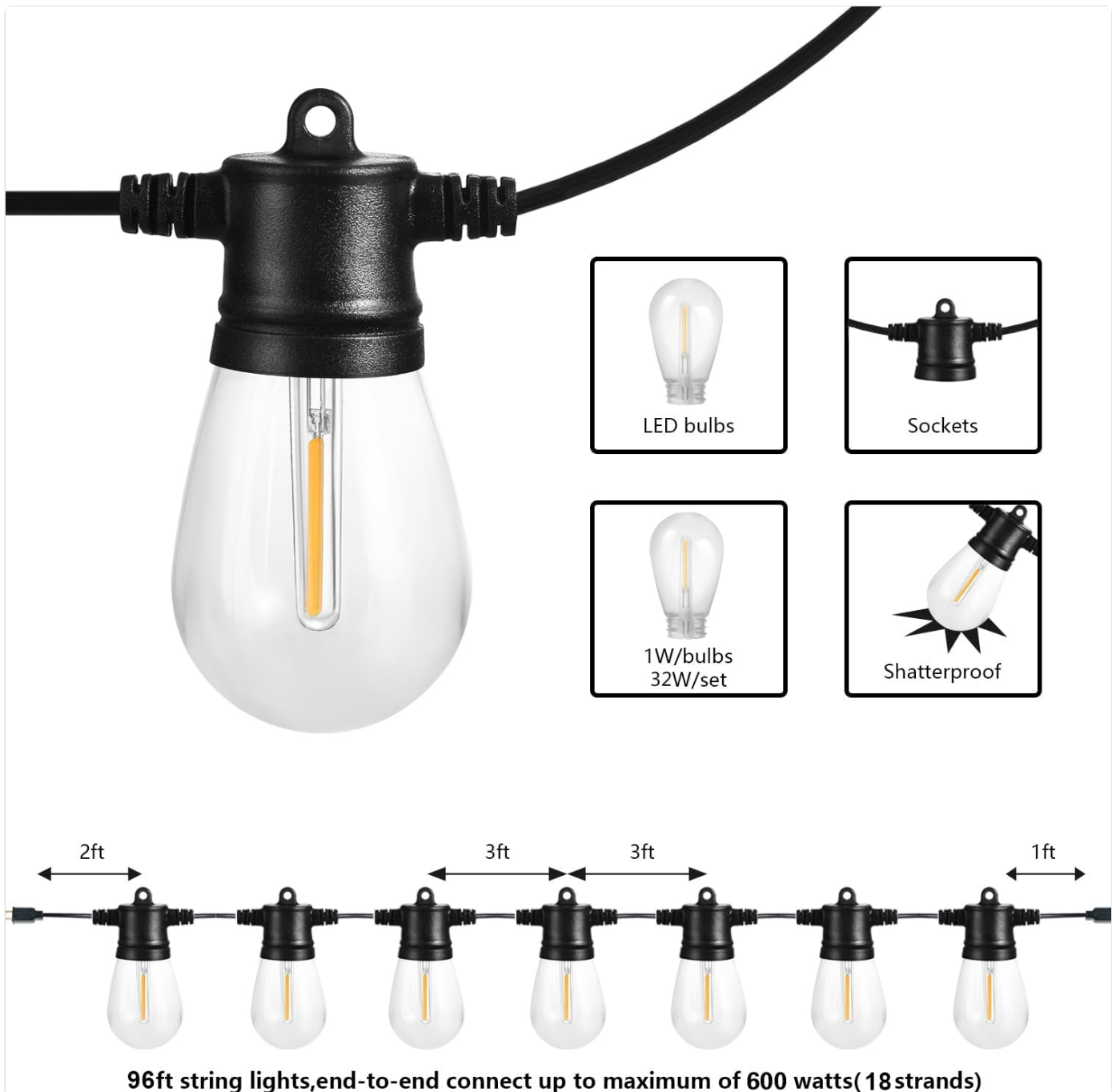


Image: A detailed view of the SUNTHIN string light components, highlighting the LED bulbs, sockets, wattage information (1W/bulb, 32W/set), and the shatterproof design. It also illustrates the 96ft string length and end-to-end connectivity up to 600 watts (18 strands).

## IMPORTANT SAFETY INFORMATION

- Always unplug the string lights from the power source before installation, maintenance, or bulb replacement.
- Ensure the power outlet is suitable for outdoor use and protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not exceed the maximum connectable strands (up to 12 strands) or total wattage (600 watts) to prevent overload.
- Do not mount or place near gas or electric heaters, fireplaces, candles, or other similar sources of heat.
- Do not secure the wiring with staples or nails, or place on sharp hooks or nails.
- Inspect the string lights for any damage before each use. Do not use if the cord or bulbs are damaged.
- Keep away from children and pets.

## SETUP AND INSTALLATION

1. **Plan Your Layout:** Determine the desired path for your string lights. Ensure the total length does not exceed the maximum connectable strands (12 strands) if using multiple sets.
2. **Secure Mounting Points:** Use appropriate hardware (e.g., hooks, zip ties, guide wire) to secure the string lights. Each bulb socket features a plastic eyelet for easy hanging. Avoid hanging by the wire itself.
3. **Install Bulbs:** Carefully screw each LED bulb into its socket. Ensure they are finger-tight to create a weather-resistant seal.
4. **Connect Multiple Strands (Optional):** If connecting multiple sets, align the end connector of one strand with the beginning connector of the next and twist to secure. Ensure the connection is tight to maintain weather resistance.
5. **Plug In:** Once all bulbs are installed and the string is securely mounted, plug the string lights into a suitable outdoor GFCI-protected outlet.



Image: Visual guide demonstrating various installation methods for the string lights, including hanging with rope, fixing with nails, and hooking through the built-in eyelets on each socket.

## OPERATING INSTRUCTIONS

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1. **Power On/Off:** Plug the string lights into an electrical outlet to turn them on. Unplug to turn them off.

2. **Dimming (with compatible dimmer, sold separately):**

- Connect the string lights to a SUNTHIN dimmer for remote control.
- For voice or phone control, connect to a compatible smart dimmer.
- Adjust the dimmer to achieve your desired brightness level.



Image: Illustration of the dimmable feature, showing the string lights illuminated at 25%, 50%, 75%, and 100% brightness. A note indicates that the dimmer is sold separately.

## MAINTENANCE

- **Cleaning:** Disconnect from power. Wipe bulbs and cords with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** If a bulb needs replacement, ensure the string is unplugged. Unscrew the old bulb and screw in a new S14 LED bulb (1W). The string lights are designed to continue working even if one bulb goes out.

- **Storage:** When not in use for extended periods, clean the lights, coil them neatly, and store them in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty bulb.	Check power outlet and GFCI. Ensure all connections are secure. Replace any faulty bulbs.
Some bulbs are not lit.	Loose or faulty bulb.	Tighten or replace the unlit bulbs. The string is designed to function even if individual bulbs fail.
Lights flicker or dim unexpectedly.	Loose connection, incompatible dimmer, power fluctuation.	Check all connections. Ensure dimmer is compatible with LED string lights. Test on a different outlet.

## WEATHER RESISTANCE

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These SUNTHIN Outdoor String Lights are designed for all-weather use, featuring robust construction that is waterproof, sunproof, snowproof, and windproof. The shatterproof plastic bulbs provide added durability against impacts.

# All Weather Use



**WATERPROOF**



**SUNPROOF**

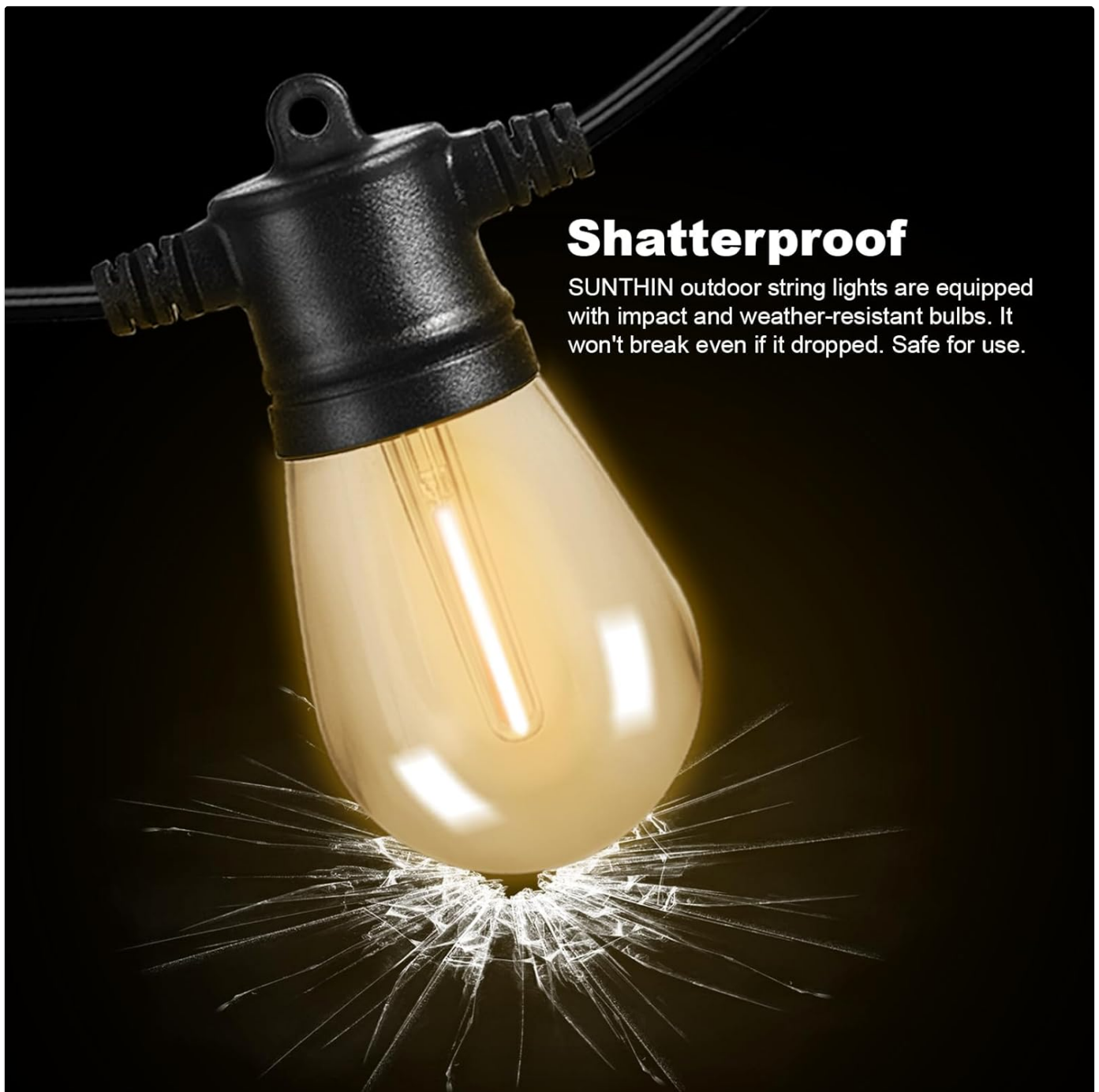


**SNOWPROOF**



**WINDPROOF**

Image: The string lights are shown in an outdoor setting during rainfall, emphasizing their waterproof and weather-resistant capabilities against sun, snow, and wind.



## Shatterproof

SUNTHIN outdoor string lights are equipped with impact and weather-resistant bulbs. It won't break even if it dropped. Safe for use.

Image: A close-up shot of a single string light bulb with a graphic indicating its shatterproof nature, showing a crack pattern on the surface to illustrate impact resistance.

## PRODUCT COMPARISON

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SUNTHIN string lights are engineered for longevity and performance, featuring heavy-duty 18 AWG wire with premium copper and LED plastic bulbs that are shatterproof, waterproof, and weather-resistant for all-year use. This contrasts with some other string lights that may use thinner 20 AWG wire, glass bulbs (frangible), and are only suitable for temporary use.

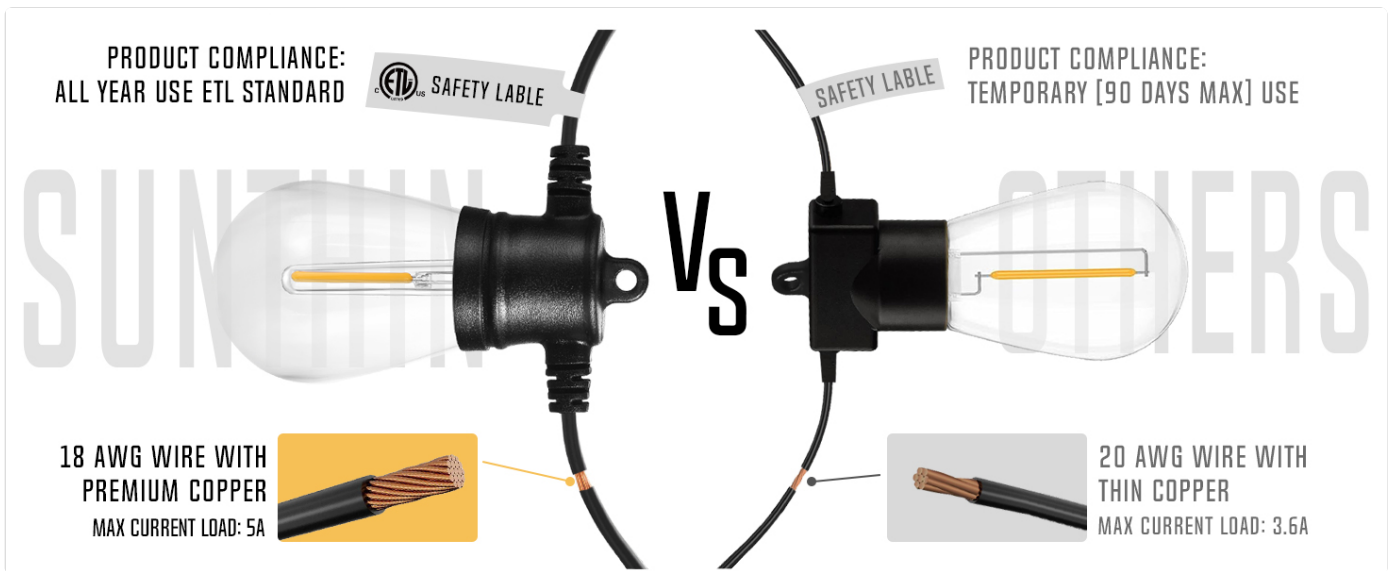


Image: A side-by-side comparison illustrating the robust construction of SUNTHIN lights (18 AWG wire, LED plastic bulbs) against typical alternatives (20 AWG thin wire, glass bulbs), emphasizing durability and safety.

## PRODUCT VIDEOS

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### Outdoor String Lights Overview

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Video: A comprehensive overview of the SUNTHIN Outdoor String Lights, showcasing their features and appearance in an outdoor setting. This video provides a general demonstration of the product.

### Unboxing and Brightness Demonstration

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Video: This video demonstrates the unboxing process and provides a visual representation of the brightness and warm white light color of the SUNTHIN string lights.

## WARRANTY AND SUPPORT

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SUNTHIN products typically come with a 1-year warranty. For any issues, questions, or support needs, please contact SUNTHIN customer service. Refer to your purchase documentation for specific warranty details and contact information. You can also visit the official SUNTHIN Store for more information and product offerings [SUNTHIN Store](#)