

Brightech SLR7W-104NH-32B-SW

Brightech Ambience Pro Solar Powered Outdoor LED String Lights

Model: SLR7W-104NH-32B-SW

Brand: Brightech

1. INTRODUCTION

Thank you for choosing Brightech Ambience Pro Solar Powered Outdoor LED String Lights. These commercial-grade string lights are designed to create a beautiful ambiance in your outdoor spaces, powered entirely by solar energy. Featuring durable, shatterproof bulbs and weather-resistant construction, they are perfect for year-round use in various environments.



Figure 1: Brightech Ambience Pro Solar Powered Outdoor LED String Lights.

The integrated solar panel and remote control offer convenience and flexibility, allowing you to enjoy warm, soft white light without the need for electrical outlets or complex wiring.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- Ensure the solar panel is placed in an area that receives direct sunlight for optimal charging.
- Do not attempt to modify or disassemble the product. This may void the warranty and pose safety risks.
- Keep the product away from open flames or extreme heat sources.
- While the lights are designed with WeatherTite technology for outdoor use, avoid submerging the solar panel or light string in water.
- Handle bulbs with care, although they are shatterproof, excessive force can cause damage.

WEATHERTITE
TECHNOLOGY



SHATTERPROOF
Plastic Bulbs



WINDPROOF
50MPH



WATERPROOF
IP55



TEMPERATURE RESISTANCE
-4°F TO 122°F



Intertek

Figure 2: WeatherTite technology ensures durability in various weather conditions.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Solar Panel
- String Light (with 32 LED bulbs)

- Stake (for ground installation of solar panel)
- Clip (for railing/surface installation of solar panel)
- Bulbs (pre-installed on string light)

Quick and Easy Installation

Clip, Stake & Screws Included




Figure 3: Included components for easy installation.

4. SETUP & INSTALLATION

Follow these steps to set up your Brightech Ambience Pro String Lights:

1. **Choose a Location:** Select an outdoor area that receives at least 6-8 hours of direct sunlight daily for the solar panel. This is crucial for optimal charging and nighttime performance.
2. **Install the Solar Panel:**
 - **Ground Installation:** Attach the stake to the solar panel and firmly insert it into the ground in your chosen sunny location.
 - **Surface/Railing Installation:** Use the included clip to attach the solar panel to a fence, railing, or other suitable surface. Ensure the panel is angled to maximize sun exposure.
3. **Position the Lights:** Carefully uncoil the 104-foot string light. The bulbs feature built-in hooks for easy hanging. You can string them along a patio, deck, fence, or around trees. Ensure the string is securely fastened to prevent sagging or damage from wind.
4. **Connect the Solar Panel:** Plug the connector from the light string into the port on the solar panel. Ensure a secure connection.
5. **Activate the Lights:** Locate the power switch on the back of the solar panel and switch it to the 'ON' position. The lights will automatically turn on at dusk and off at dawn, provided the solar panel has received sufficient charge during the day.

Lengthy Strand Perfect for Outdoor Use

 32bulbs
1W LED

 7W
Solar Panel

 104ft
String Length

 6ft Cord Extension
Sold Separately

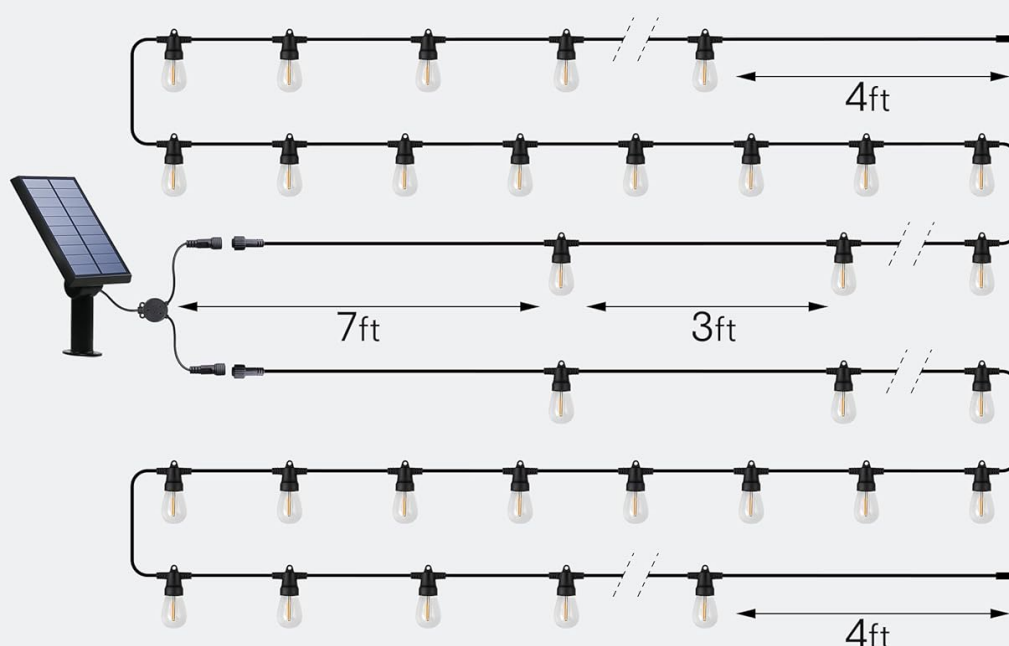


Figure 4: String length and bulb spacing for optimal coverage.

5. OPERATING INSTRUCTIONS

Your Brightech Ambience Pro lights are designed for convenient, automatic operation:

- **Automatic Operation:** Once the solar panel is switched 'ON' and has charged, the lights will automatically illuminate at dusk and turn off at dawn. They can provide 6-10 hours of lighting depending on the chosen brightness setting and the amount of sunlight received during the day.
- **Remote Control:** Use the included remote control to manage your lights from a distance. The remote allows you to:
 - Turn the lights ON/OFF.
 - Adjust brightness settings (Soft, Bright, Super Bright).



Outlet Free
Fully Off-Grid



Safe to the Touch
Low-Heat LED



Solar-Powered
Environmentally Conscious



Upgraded Remote Control
Remote range 164Ft

Figure 5: Remote control for convenient operation.



6. MAINTENANCE & CARE

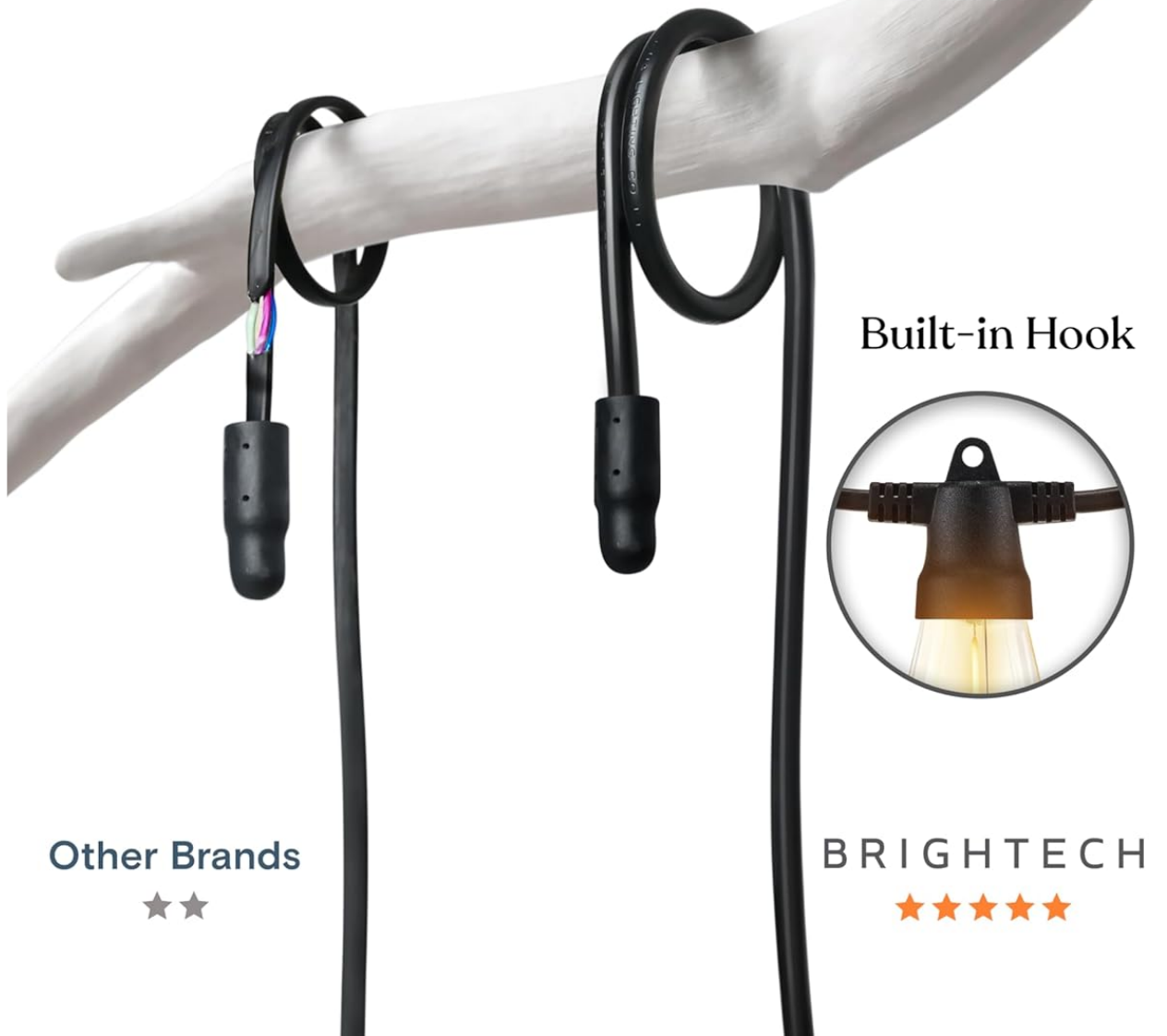
These lights are built for durability and require minimal maintenance:

- **Cleaning:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Weather Resistance:** The lights feature WeatherTite technology, making them resistant to wind (up to 50 MPH), rain (IP55 waterproof), and snow. They can withstand temperatures from -4°F to 122°F.
- **Shatterproof Bulbs:** The LED bulbs are made from durable plastic, designed to be shatterproof, reducing the risk of breakage.

Durable and Heavy Duty Commercial Grade



2-Year
Coverage



Built-in Hook

Other Brands



BRIGHTECH



Figure 7: Durable and heavy-duty commercial grade construction.

Why Our String Lights?



Figure 8: Key durability features of Brightech string lights.

7. TROUBLESHOOTING

- **Lights not turning on at night:**

- Ensure the solar panel switch is in the 'ON' position.
- Verify the solar panel is receiving adequate direct sunlight (6-8 hours daily). Relocate if necessary.
- Check for any obstructions blocking the solar panel from sunlight.
- Confirm the connection between the light string and the solar panel is secure.

- **Lights are dim or turn off too quickly:**

- The solar panel may not be getting enough direct sunlight to fully charge. Ensure it's clean and optimally positioned.
- Battery performance can be affected by prolonged cloudy weather or shorter winter days. Allow for several sunny days to fully recharge.
- Check the selected brightness setting; higher brightness consumes more power.

- **Individual bulbs not working:**

- While bulbs are durable, inspect for any visible damage. Contact support if multiple bulbs fail.

8. SPECIFICATIONS

Feature	Detail
Model Number	SLR7W-104NH-32B-SW
Length	104 Feet
Number of Bulbs	32 LED Bulbs
Light Source Type	LED
Power Source	Solar Powered (7W Solar Panel)
Light Color	Soft White (3000K)
Special Feature	Dimmable (3 Brightness Settings)
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Water Resistant (IP55)
Bulb Material	Shatterproof Plastic
Estimated Battery Life	6-10 hours (depending on settings/charge)
UPC	850040667677

9. WARRANTY & SUPPORT

Brightech stands behind the quality of its products. Your Ambience Pro Solar Powered Outdoor LED String Lights come with an industry-leading **2-year limited warranty** on all purchases from Brightech USA. This warranty covers any defects, malfunctions, or sudden failures of your string light.

For support, questions, or warranty claims, please visit the official Brightech website or contact their customer service directly. Please have your model number and proof of purchase ready.


SHATTERPROOF
Plastic Bulbs

WINDPROOF
50MPH

WATERPROOF
IP55

TEMP RESISTANCE
-4°F TO 122°F

With Brightech,
it's better.

 **2-YEAR
ROBUST COVERAGE**


 **DESIGNED
and SERVICED in USA**

Figure 9: Brightech's commitment to quality and coverage.