

## Brightech SLR7W-104NH-48B-CC

# Brightech Ambience Pro Solar Powered Outdoor LED String Lights

Model: SLR7W-104NH-48B-CC - Instruction Manual

## INTRODUCTION

Thank you for choosing the Brightech Ambience Pro Solar Powered Outdoor LED String Lights. This product is designed to provide versatile and energy-efficient outdoor lighting for various settings such as patios, gardens, and camping areas. Featuring solar power, remote control functionality, and durable, weather-resistant construction, these lights offer a convenient and aesthetic lighting solution.

This manual contains important information regarding the installation, operation, maintenance, and troubleshooting of your string lights. Please read it thoroughly before use and retain it for future reference.



Image: Overview of the Brightech Ambience Pro Solar Powered Outdoor LED String Lights, including the string of bulbs, solar panel, and remote control.

## WHAT'S IN THE BOX

Please ensure all components are present before proceeding with installation:

- LED String Lights (104 feet with 48 bulbs)
- Solar Panel (7W)
- Ground Stake for Solar Panel
- Mounting Clip for Solar Panel
- Remote Control

## SETUP AND INSTALLATION

Follow these steps to properly set up your Brightech Ambience Pro Solar Powered Outdoor LED String Lights:

1. **Solar Panel Placement:** Choose a location for the solar panel that receives at least 8-10 hours of direct sunlight

daily. Optimal sunlight exposure is crucial for maximum charging efficiency and illumination duration.

## 2. **Mounting the Solar Panel:**

- **Ground Stake:** Attach the ground stake to the solar panel and firmly insert it into the ground in your chosen sunny location.
- **Mounting Clip:** Use the included clip to attach the solar panel to a fence, railing, or other suitable surface.
- **Screws:** For a more permanent installation, use screws to mount the solar panel to a wooden post or wall.

3. **Connecting the String Lights:** Connect the string light cable to the solar panel's output port. Ensure the connection is secure and waterproof.

4. **Arranging the Lights:** Carefully uncoil the string lights. Hang them using the built-in hooks on each bulb socket. You can string them along fences, pergolas, trees, or any desired outdoor structure. Ensure the bulbs are not submerged in water.

5. **Initial Charge:** Allow the solar panel to charge for a full day (8-10 hours) in direct sunlight before first use. The lights will automatically turn on at dusk once sufficiently charged.

# Quick and Easy Installation

## Clip, Stake & Screws Included



Image: Illustrates the various installation methods for the solar panel, including an in-ground stake, a durable clip for railings, and sturdy screws for fixed surfaces.





Image: Highlights the solar panel's key features: no need for an electrical outlet and automatic activation at night due to a built-in daylight sensor.

## OPERATING INSTRUCTIONS

Your Brightech Ambience Pro string lights are designed for ease of use with automatic functions and remote control capabilities.

### Automatic Operation

The lights feature a built-in sunlight sensor. They will automatically turn on at dusk and turn off at dawn, provided the solar panel has received sufficient charge during the day. The duration of illumination depends on the amount of sunlight received and the selected brightness settings.

### Remote Control Functions

Use the included remote control to adjust various settings:

- **Power Button:** Turns the lights ON or OFF manually.
- **Brightness Adjustment:** Cycle through three brightness levels (Soft, Bright, Super Bright) to suit your preference.
- **Color Temperature Adjustment:** Change the light color from Warm to Neutral to Cool White.
- **Lighting Modes:** Select from different lighting effects: Constant (always on), Fade/Breathing (slowly on-off), or Flashing (faster on-off).

# Customize as you wish

## Various light features



Warm



Neutral



Cool

## Adjustable Color Temperature



Soft

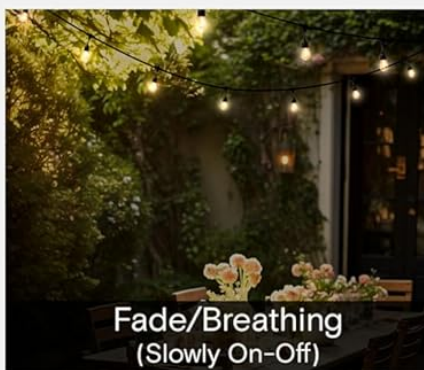


Bright



Super Bright

## Adjustable Brightness



Fade/Breathing  
(Slowly On-Off)



Normal/Constant  
(Always On)



Flashing  
(Faster On-Off)

## Lighting Mode

Image: Demonstrates the remote control's capabilities, showing options for adjusting color temperature (Warm, Neutral, Cool), brightness (Soft, Bright, Super Bright), and lighting modes (Fade/Breathing, Normal/Constant, Flashing).





**Color Changing**  
Warm – Cool – Neutral



**Outlet Free**  
Fully Off-Grid



**Safe to the Touch**  
Low-Heat LED



**Solar-Powered**  
Environmentally Conscious



**Long-Range Remote**  
Control from 164ft

Image: Highlights key operational features such as color-changing capability, off-grid solar power, low-heat LED technology, and long-range remote control.

## MAINTENANCE

To ensure the longevity and optimal performance of your Brightech Ambience Pro string lights, follow these maintenance guidelines:

- **Clean the Solar Panel:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, and

debris. A clean panel ensures maximum sunlight absorption and charging efficiency.

- **Bulb Care:** The LED bulbs are shatterproof and designed for durability. If a bulb needs cleaning, gently wipe it with a soft cloth. Do not use harsh chemicals or abrasive materials.
- **Cable Inspection:** Regularly inspect the string light cable and connections for any signs of wear, damage, or loose connections. Ensure all connections remain secure and waterproof.
- **Winter Storage (Optional):** While designed for all-season outdoor use, if you plan to store the lights for an extended period, especially in harsh winter conditions, ensure they are clean and dry. Store them in a cool, dry place.





**SHATTERPROOF**  
Plastic Bulbs



**WINDPROOF**  
50MPH



**WATERPROOF**  
IP55



**TEMPERATURE RESISTANCE**  
-4°F TO 122°F



**Intertek**

Image: Details the WeatherTite Technology, emphasizing the shatterproof plastic bulbs, wind resistance up to 50 MPH, IP55 waterproof rating, and temperature resistance from -4°F to 122°F.

## **TROUBLESHOOTING**

If you encounter issues with your string lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient solar panel charge.	Ensure the solar panel is placed in direct sunlight for 8-10 hours daily. Clean the solar panel surface.
Lights turn off too quickly or are dim.	Inadequate charge or high brightness setting.	Verify solar panel placement and cleanliness. Reduce the brightness setting using the remote control to conserve power.
Remote control is not working.	Remote battery depleted or obstruction.	Replace the remote control battery. Ensure there is no obstruction between the remote and the solar panel receiver.
Some bulbs are not lighting up.	Loose connection or damaged bulb.	Check the connection of the affected bulb. While bulbs are shatterproof, extreme impact can cause damage. Contact support if multiple bulbs fail.

## SPECIFICATIONS

Detailed technical specifications for the Brightech Ambience Pro Solar Powered Outdoor LED String Lights:

- **Model:** SLR7W-104NH-48B-CC
- **String Length:** 104 feet
- **Number of Bulbs:** 48 LED bulbs
- **Light Source Type:** LED
- **Power Source:** Solar Powered (7W Solar Panel)
- **Light Color:** White (Adjustable Color Temperature: Warm, Neutral, Cool)
- **Color Temperature Range:** 2700K - 6000K (3000 Kelvin default)
- **Wattage:** 7 watts
- **Bulb Shape Size:** ED28
- **Bulb Base:** E12
- **Material:** Rubber (cable), Plastic (bulbs)
- **Special Features:** Energy Efficient, Remote Control, Automatic On/Off (Dusk-to-Dawn Sensor), Adjustable Brightness, Adjustable Color Temperature, Multiple Lighting Modes
- **Durability:** WeatherTite Technology (Shatterproof, Windproof up to 50 MPH, Waterproof IP55, Temperature Resistance -4°F to 122°F)
- **Control Method:** Remote Control
- **Item Weight:** 8.8 pounds (approximately 4 Kilograms)
- **Included Components:** String, Bulbs, Panel, Stake

# Adjustable Brightness All Seasons Outdoor Use



104ft String Length  
94ft Lighted Length



48 LED Lights



7W Solar Panel  
L 8.9" x W 5.6" x H 10"



Shatterproof  
Plastic Bulbs



6ft Extension Cord  
Sold Separately



Auto On & Off  
On at night - automatically



Color Temperature Changing  
Cool to Warm Light



Adjustable  
Brightness

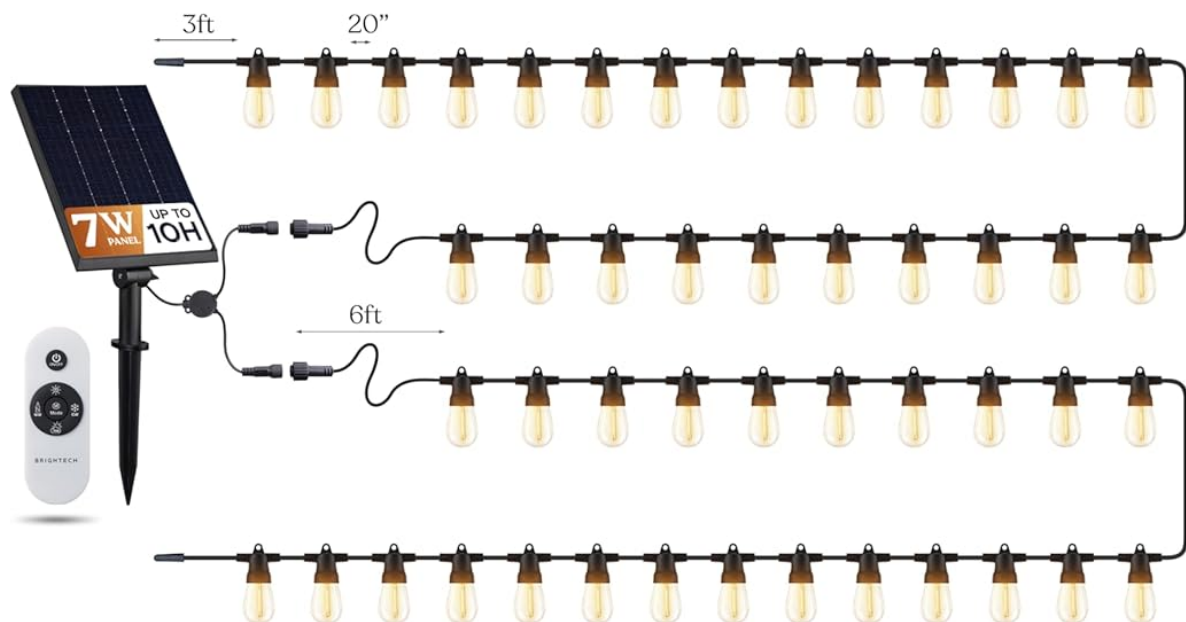


Image: A technical diagram illustrating the string length, number of bulbs, solar panel specifications, and the various adjustable features like color temperature and brightness.

## WARRANTY AND SUPPORT

Brightech stands behind the quality of its products. The Brightech 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 defects, malfunctions, or sudden failures of your string lights under normal use.



For warranty claims, technical assistance, or any questions regarding your product, please contact Brightech USA customer support. Refer to the contact information provided with your purchase or visit the official Brightech website for assistance.



Related Documents - SLR7W-104NH-48B-CC

	<p><a href="#">Brightech LCHT0016US LED Flood Light - Model 6219039 Technical Specifications</a></p> <p>Comprehensive technical specifications and features for the Brightech LCHT0016US LED Flood Light (Model 6219039). Learn about its power, lumens, IP rating, dimensions, and warranty for outdoor illumination.</p>
	<p><a href="#">Brightech Parker LED Floor Lamp Assembly Instructions</a></p> <p>Step-by-step assembly instructions for the Brightech Parker LED Floor Lamp, including safety information and warranty details. Learn how to assemble your lamp quickly and safely.</p>
	<p><a href="#">SENIX 4-Cycle 1.9 cu in. (31 cc) Engine Gasoline Powered Trimmer Operator's Manual</a></p> <p>This operator's manual provides essential safety information, operating instructions, and maintenance guidelines for the SENIX 4-Cycle 1.9 cu in. (31 cc) Gasoline Powered Trimmer, Model GTS4QL-M2. Learn about assembly, fuel and oil, starting and stopping procedures, and troubleshooting.</p>
	<p><a href="#">ASD LED Back-Lit Flat Panel - Color Changing, Dimmable Lighting</a></p> <p>Detailed specifications, installation guide, and ordering information for ASD's Color Changing LED Back-Lit Flat Panels. Features CCT tunability (3000K-5000K), 0-10V dimming, high efficiency, and long lifespan. Includes installation methods for recessed, sheetrock, surface, and suspended mounting.</p>
	<p><a href="#">SENIX GTS4QL-M2 4-Cycle Gasoline Trimmer Operator's Manual   Safety &amp; Operation Guide</a></p> <p>Comprehensive operator's manual for the SENIX GTS4QL-M2 4-Cycle 1.9 cu in. (31 cc) Gasoline Powered Trimmer. Includes safety warnings, operating instructions, maintenance procedures, and troubleshooting tips.</p>



4-Cycle 1.62 cu in. (26.5 cc) Engine  
Gasoline Powered Trimmer  
Operator's Manual  
Model: GTC4QL-L  
GTS4QL-L



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### [SENIX GTC4QL-L GTS4QL-L 4-Cycle Gasoline Trimmer Operator's Manual](#)

Operator's manual for the SENIX 4-Cycle 1.62 cu in. (26.5 cc) Gasoline Powered Trimmer (models GTC4QL-L, GTS4QL-L). Includes safety, assembly, operation, maintenance, troubleshooting, and warranty information.