

## Brightech SLR-48NH-SW-FL

# Brightech Ambience Pro Solar Powered Outdoor String Lights

Model: SLR-48NH-SW-FL (Bright (1W) Remote Control 48FT)

Instruction Manual

## 1. INTRODUCTION

---

Thank you for choosing the Brightech Ambience Pro Solar Powered Outdoor String Lights. These commercial-grade, waterproof LED string lights are designed to provide ambient lighting for your outdoor spaces. Featuring solar power, remote control functionality, and durable shatterproof bulbs, they offer a convenient and energy-efficient lighting solution.

## 2. SAFETY INFORMATION

---

- Ensure the solar panel is placed in an area receiving maximum direct sunlight for optimal charging.
- Do not attempt to open or modify the solar panel or light bulbs.
- Keep the solar panel and connections dry. While the lights are waterproof, proper installation helps prevent damage.
- Handle bulbs with care, even though they are shatterproof.
- Keep out of reach of children.

## 3. WHAT'S IN THE BOX

---

- 1 x 48ft String of LED Edison Bulbs (15 bulbs)
- 1 x Solar Panel
- 1 x Remote Control

- 1 x Ground Stake for Solar Panel
- 1 x Clip for Solar Panel



Image: Included components: solar panel, remote control, and the string of 15 LED bulbs.

## 4. PRODUCT FEATURES

- **Solar Powered:** Charges during the day and illuminates at night, eliminating the need for external power outlets.
- **Remote Control:** Conveniently turn lights on/off and adjust brightness settings from a distance.
- **Commercial Grade & Weatherproof:** Designed with WeatherTite technology to withstand rain, wind (up to 50MPH), and snow. IP55 waterproof rating.
- **Shatterproof LED Bulbs:** 15 durable S14 Edison bulbs with plastic shells, resistant to breakage and heat up to 122°F.
- **Soft White Light:** Emits a warm 3000K soft white glow (1W per bulb) for a cozy ambiance.
- **Long Lifespan:** Bulbs are rated for 20,000 hours, and the solar panel supports 1,000 charges (approx. 2.5-year lifespan).

- **Auto On/Off:** Built-in sensor automatically turns lights on at dusk and off at dawn.



**WEATHERTITE**  
TECHNOLOGY

 **SHATTERPROOF**  
Plastic Bulbs

 **WINDPROOF**  
50MPH

 **WATERPROOF**  
IP55

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



Image: WeatherTite Technology ensures durability against various weather conditions.

# Why Our String Lights?



Image: Quality comparison highlighting robust construction and secure connections.

## 5. SETUP INSTRUCTIONS

- 1. Charge the Solar Panel:** Before initial use, ensure the solar panel receives at least 6 hours of direct sunlight. This will fully charge the internal battery.
- 2. Choose Solar Panel Location:** Select a location that receives maximum direct sunlight throughout the day. The solar panel can be installed using the included ground stake or clip.
- 3. Install Solar Panel:**
  - **Using Ground Stake:** Attach the solar panel to the stake and firmly insert the stake into the ground.
  - **Using Clip:** Attach the solar panel to the clip and secure it to a suitable surface like a pergola, fence, or railing.
- 4. Connect String Lights:** Connect the string light cable to the solar panel. Ensure the connection is secure.
- 5. String the Lights:** Carefully uncoil the string lights. Use the built-in rings above each bulb to hang them. You can use guidewires or hooks (not included) for a straight-line look or allow them to drape for a scalloped appearance.

6. **Position Lights:** Arrange the lights in your desired outdoor area, such as patios, gazebos, fences, or pergolas.

## Quick and Easy Installation

### Clip & Stake Included



Image: Solar panel installation options: in-ground stake or clip, with remote control shown.

# Lengthy Strand Perfect for Outdoor Use

15 bulbs  
1W LED

48ft  
String Length

6ft Cord Extension  
Sold Separately

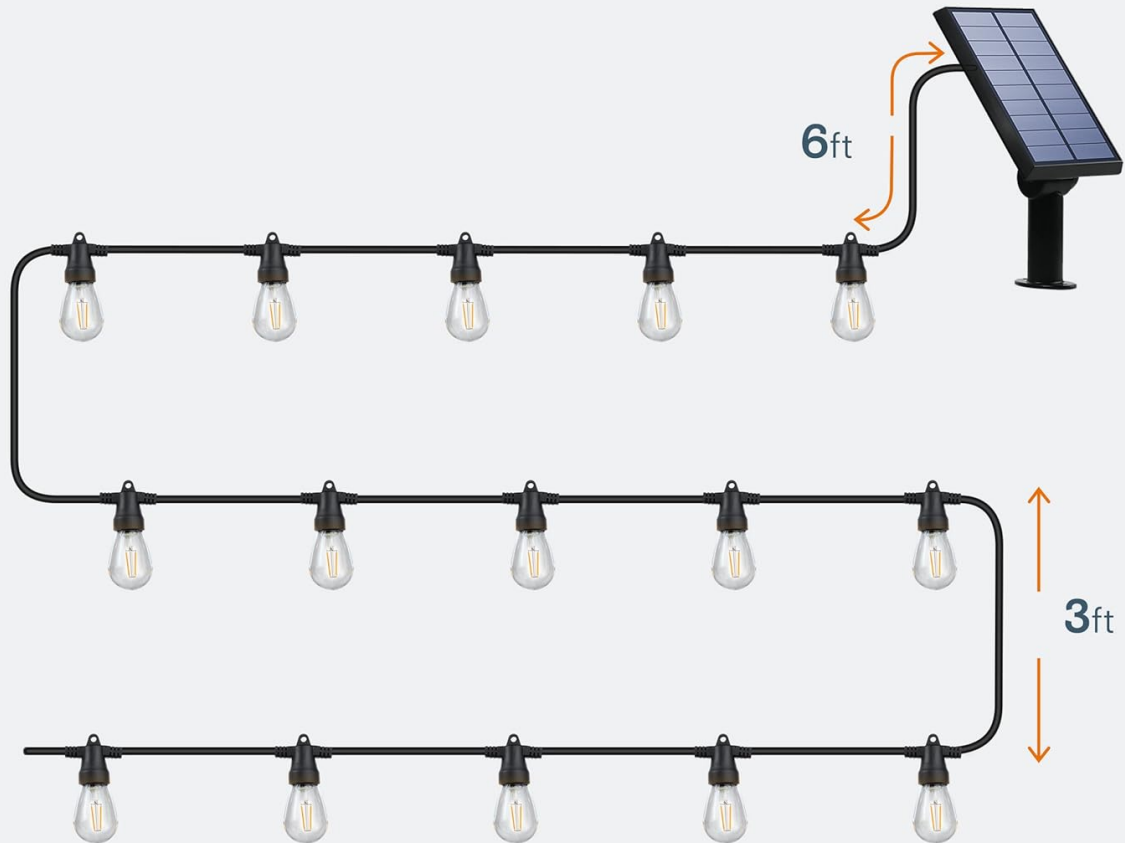


Image: Layout diagram for the 48ft string lights with 15 bulbs and solar panel connection.

Your browser does not support the video tag.

Video: Unboxing and initial setup of the solar string lights, demonstrating how to connect the solar panel and string the lights for outdoor use.

## 6. OPERATING INSTRUCTIONS

- **Automatic Operation:** The lights are designed to turn on automatically at dusk and turn off at dawn, provided the solar panel has received sufficient charge during the day.
- **Using the Remote Control:**
  - **ON/OFF:** Press the 'ON' button to manually turn the lights on, or 'OFF' to turn them off.
  - **Brightness Settings:** Use the designated buttons (e.g., '2H', '4H' or other symbols for brightness levels) on the remote to cycle through available brightness settings.

Your browser does not support the video tag.

Video: Demonstration of the remote control functionality, including turning lights on/off and adjusting brightness settings.

Your browser does not support the video tag.

## 7. MAINTENANCE

---

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Inspect Bulbs and Wiring:** Regularly check the bulbs and wiring for any signs of damage or wear. Replace any damaged bulbs promptly.
- **Winter Storage (Optional):** In areas with prolonged periods of low sunlight or extreme winter conditions, you may choose to store the lights indoors to prolong their lifespan. Ensure they are clean and dry before storage.

## 8. TROUBLESHOOTING

---

- **Lights Not Turning On:**
  - Ensure the solar panel is receiving at least 6 hours of direct sunlight daily.
  - Check that the solar panel is connected securely to the light string.
  - Verify the ON/OFF switch on the solar panel is in the 'ON' position.
  - Confirm it is dark enough for the automatic sensor to activate.
- **Lights Are Dim or Short-Lived:**
  - The solar panel may not be receiving enough sunlight. Relocate it to a sunnier spot.
  - Clean the solar panel surface to remove any obstructions.
  - The battery may not be fully charged. Allow more time for charging.
  - Ensure no external light sources are shining directly on the solar panel at night, which could prevent the lights from activating.
- **Individual Bulbs Not Working:**
  - Check if the bulb is securely screwed into its socket.
  - Replace the non-functioning bulb with a new one.

## 9. SPECIFICATIONS

---

Feature	Detail
Model Number	SLR-48NH-SW-FL
Length	48 Feet
Number of Bulbs	15
Bulb Type	S14 LED Edison Bulbs
Wattage per Bulb	1 Watt
Light Color	Soft White (3000K)
Power Source	Solar Powered
Water Resistance	IP55 (Waterproof)

Wind Resistance	Up to 50 MPH
Temperature Resistance	-4°F to 122°F
Control Method	Remote Control
Bulb Lifespan	20,000 hours
Solar Panel Lifespan	1,000 charges (approx. 2.5 years)

## 10. WARRANTY AND SUPPORT

---

Brightech offers 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. If you experience any issues with your Brightech Ambience Pro Solar Powered Outdoor String Lights, please contact Brightech USA customer support for assistance.

Your browser does not support the video tag.

Video: A review highlighting the durability of the lights after 2+ years of use and exposure to a hurricane, confirming their resilience.