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> Brightech Ambience Pro Solar Powered Outdoor String Lights User Manual

Brightech B07XC78KJC

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Model: B07XC78KJC

Brand: Brightech

INTRODUCTION

Thank you for choosing Brightech Ambience Pro Solar Powered Outdoor String Lights. These commercial-grade, waterproof LED string lights are designed to enhance your outdoor spaces with a soft, warm ambiance while offering energy efficiency and easy installation. This manual provides essential information for the proper setup, operation, and maintenance of your new string lights.

SAFETY INFORMATION

- Ensure the solar panel is placed in an area that receives maximum direct sunlight for optimal charging.
- Do not attempt to open or modify the solar panel or light bulbs. This may void the warranty and pose a safety risk.
- Keep the solar panel and bulbs clean from dust and debris to ensure efficient operation.
- While the lights are designed to be waterproof, avoid submerging the solar panel or light string in water.
- Handle bulbs with care, although they are shatterproof, excessive force can cause damage.

PACKAGE CONTENTS

- 1 x String lights (48 ft long with 15 LED bulbs)
- 1 x Detachable solar panel
- 1 x Ground stake for solar panel
- 1 x Clip for solar panel mounting

SETUP INSTRUCTIONS

Follow these steps for optimal setup of your Brightech Ambience Pro String Lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Solar Panel Placement:** Choose a location for the solar panel that receives at least 6 hours of direct sunlight daily. This is crucial for a full charge and maximum illumination time. The solar panel can be mounted using the included ground stake or clip.
3. **Connect Solar Panel:** Connect the string light cable to the solar panel. Ensure a secure connection.
4. **Light String Installation:** Hang the string lights in your desired location. The lights feature a flexible, heavy-duty cord and shatterproof plastic bulbs, making them suitable for various outdoor settings like patios, pergolas, gazebos, or fences. There is 3 feet of spacing between each bulb.
5. **Initial Charge:** Allow the solar panel to charge for a full day (6-8 hours of direct sunlight) before the first use to ensure optimal performance.


Quick and Easy Installation Clip, Stake & Screws Included



Figure 1: Quick and easy installation options for the solar panel, including a ground stake and durable clip.

Lengthy Strand Perfect for Outdoor Use

 15 bulbs
1W LED

 48ft
String Length

 6ft Cord Extension
Sold Separately

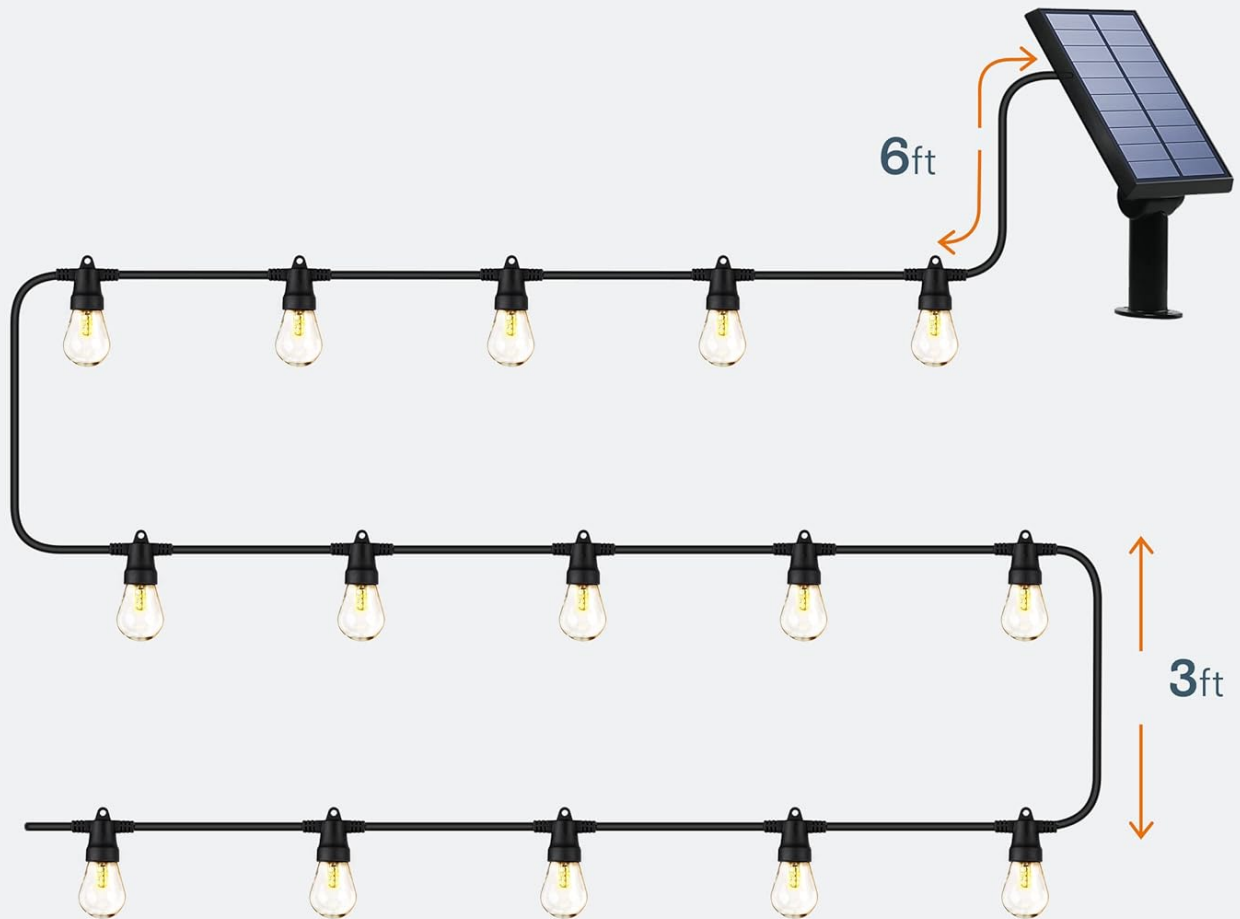


Figure 2: Detailed dimensions of the 48-foot string with 15 LED bulbs, showing 3 feet between each bulb.

OPERATING INSTRUCTIONS

Your Brightech Ambience Pro String Lights are designed for hassle-free operation:

- **Automatic On/Off:** The solar panel features a built-in dusk-to-dawn sensor. The lights will automatically turn on at dusk and turn off at dawn, conserving energy.
- **Manual On/Off:** A manual on/off switch is located on the back of the solar panel. You can use this switch to turn the lights off if you do not wish for them to illuminate automatically at night.
- **Illumination Time:** On a full charge (approximately 6 hours of direct sunlight), the lights will last for 5-6 hours.



Figure 3: The solar panel features a built-in daylight sensor for automatic dusk-to-dawn operation.

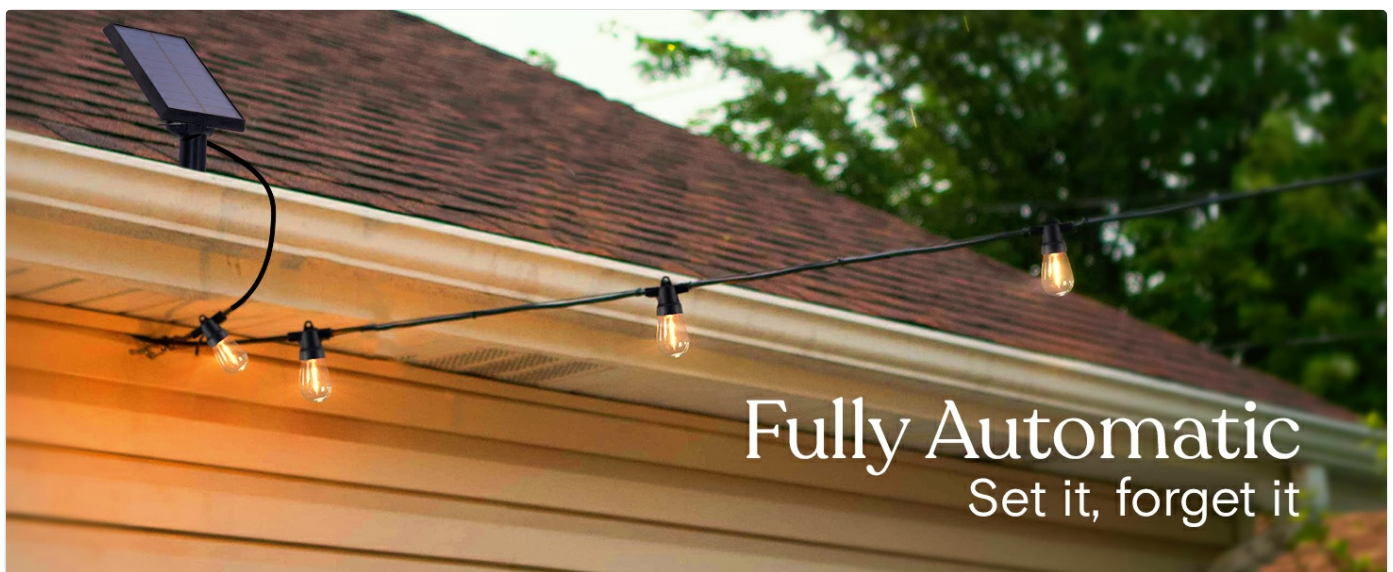


Figure 4: Enjoy fully automatic operation; simply set up your lights and let them illuminate your space.

MAINTENANCE

To ensure the longevity and optimal performance of your string lights:

- **Cleaning:** Periodically wipe the solar panel with a soft, damp cloth to remove any accumulated dust, dirt, or debris. A clean panel ensures efficient sunlight absorption.
- **Bulb Care:** The LED bulbs are designed to last 20,000 hours. While shatterproof, avoid unnecessary impact. If a bulb needs replacement, contact Brightech USA support.
- **Weather Resistance:** These lights are commercial-grade and built with WeatherTite technology, capable of withstanding winds up to 50 MPH, rain, and snow. They are heat resistant up to 122°F. No special weather-related maintenance is typically required beyond ensuring secure installation.
- **Solar Panel Lifespan:** The solar panel is rated for 1,000 charge lifespans, which translates to approximately 2.5 years of consistent use.

WEATHERTITE TECHNOLOGY



SHATTERPROOF
Plastic Bulbs



WINDPROOF
50MPH



WATERPROOF
IP55



TEMPERATURE RESISTANCE
-4°F TO 122°F



Figure 5: The lights feature WeatherTite Technology, ensuring durability against various weather conditions.



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 6: Commercial-grade construction ensures durability and longevity for outdoor use.

TROUBLESHOOTING

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 at least 6 hours daily. Clean the panel surface.
Lights are dim or turn off quickly.	Incomplete charge or low battery.	Relocate the solar panel to an area with more direct sunlight. Ensure the panel is clean.
Lights flicker or behave erratically.	Loose connection or damaged component.	Check all connections between the solar panel and the light string. If issues persist, contact customer support.
Bulbs are not illuminating.	Individual bulb failure (rare for LED).	While bulbs are durable, if one fails, contact Brightech USA for assistance.

SPECIFICATIONS

Feature	Detail
Brand	Brightech
Model Number	B07XC78KJC
Light Source Type	LED
Power Source	Solar Powered
String Length	48 feet (lit portion 42 feet)
Number of Bulbs	15 Edison Bulbs
Bulb Spacing	3 feet
Light Color	Soft White (3000K)
Wattage	1.00 Watt per bulb
Bulb Lifespan	20,000 hours
Solar Panel Lifespan	1,000 charge cycles (approx. 2.5 years)
Water Resistance Level	Waterproof (WeatherTite Technology)
Temperature Resistance	-4°F to 122°F
Wind Resistance	Up to 50 MPH
Included Components	String lights, detachable solar panel with stake

WARRANTY & SUPPORT

Brightech USA stands behind the quality of its products. Your Ambience Pro Solar Powered Outdoor String Lights come with an industry-leading **2-year limited warranty** covering any defects, malfunctions, or sudden failures. For warranty claims, technical support, or any questions regarding your product, please contact Brightech USA customer service. Visit their official website or refer to your purchase documentation for contact details.

Welcome to Brightech



"Brightech's budget-friendly options approximate the clean lines and metal-heavy construction of their designer counterparts—minus the nasty sticker shock."

**BUSINESS
INSIDER**

"If you're looking for inexpensive, modern lamps that will last you many years, Brightech is a great choice."



"I truly didn't feel like there was a go-to spot these days for design-friendly lighting for a fraction of the cost, but thanks to Brightech, I know exactly where I'm beelining it to when I need a new light in my space."

MYDOMAINE

"I've been on the hunt for an affordable, good-looking floor lamp for my living area, and I finally found it at Brightech."

Figure 7: Brightech offers a 2-year robust warranty and is designed and serviced in the USA.