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› Brightech Ambience Pro Incandescent Outdoor String Lights - 48 Ft, 15 Bulbs User Manual

Brightech AMBPROBLACK

Brightech Ambience Pro Incandescent Outdoor String Lights - 48 Ft, 15 Bulbs User Manual

Comprehensive user manual for Brightech Ambience Pro Incandescent Outdoor String Lights, Model AMBPROBLACK. Includes setup, operation, maintenance, and specifications for the 48-foot, 15-bulb commercial-grade waterproof patio lights.

1. INTRODUCTION

Thank you for choosing Brightech Ambience Pro Incandescent Outdoor String Lights. These commercial-grade, waterproof string lights are designed to provide a warm, inviting glow to your outdoor spaces. This manual provides essential information for safe installation, operation, and maintenance of your new lighting system.

2. IMPORTANT SAFETY INFORMATION

WARNING: Read all instructions before installation and use.

- Ensure the power source is 110V only.
- Do not exceed the maximum wattage for the string lights. Each bulb is 11W.
- Connect up to 5 strands end-to-end. Do not overload the circuit.
- Always unplug the string lights from the power source before installing, replacing bulbs, or performing any maintenance.
- Use only S14 bulb shape size.
- Ensure all connections are secure and weatherproof.
- Do not submerge the string lights in water. While waterproof, they are not designed for submersion.
- Keep away from flammable materials.
- If using a dimmer, ensure it is compatible with incandescent bulbs and rated for outdoor use (dimmer sold separately).
- The rubberized, heavy-duty cord is designed for durability; however, avoid sharp objects or excessive tension that could damage the wiring.

3. WHAT'S IN THE BOX

- 1 x 48-foot string light strand
- 15 x 11-watt Edison bulbs



Image: The Brightech Ambience Pro string lights, showing the full 48-foot length with 15 bulbs, ready for installation.

4. SETUP AND INSTALLATION

1. **Unpack the Lights:** Carefully remove the string lights and bulbs from the packaging. Inspect all components for any damage.
2. **Install Bulbs:** Screw each 11-watt Edison bulb into its socket. Ensure they are finger-tight to create a secure, weatherproof seal.



WEATHERTITE
TECHNOLOGY

 **TEMPERATURE RESISTANCE**
-4° F to 150° F

 **WINDPROOF**
50MPH

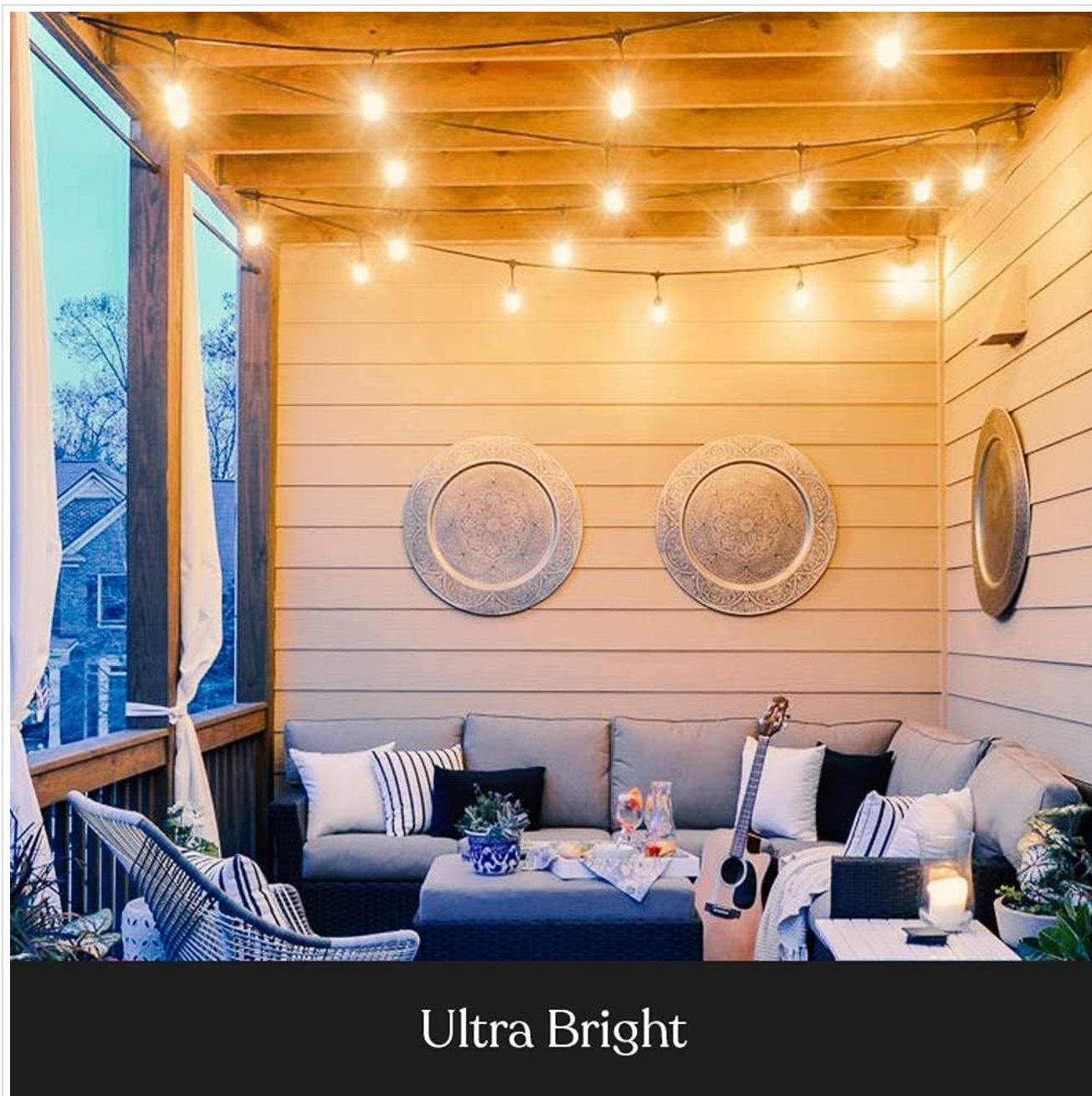
 **WATERPROOF**
IP55

 **COMMERCIAL GRADE**
ETL Listed for constant use


Intertek

Image: A close-up view of an Edison bulb being carefully screwed into its socket on the string light strand.

3. **Plan Your Layout:** Determine the desired path for your string lights. The 48-foot strand has 15 bulbs spaced 3 feet apart. You can connect up to 5 strands end-to-end for longer installations.



Ultra Bright

Image: A diagram illustrating the 48-foot string light layout, highlighting the 3-foot spacing between each of the 15 bulbs.

4. **Secure the Strand:** Use appropriate mounting hardware (not included) to secure the string lights. Each socket has a mounting tab for easy hanging. For long spans or windy areas, consider using a guide wire to reduce stress on the cable.

Your browser does not support the video tag.

Video: An official Brightech USA video demonstrating how to create bistro ambiance with outdoor string lights, showcasing their installation and effect.

5. **Connect to Power:** Once securely installed, plug the string lights into a 110V outdoor-rated power outlet.

5. OPERATING INSTRUCTIONS

The Brightech Ambience Pro string lights are designed for simple operation:

- **Power On/Off:** Plug the lights into a power outlet to turn them on. Unplug to turn them off.
- **Dimming:** These bulbs are dimmable. To use the dimming feature, a compatible outdoor dimmer switch (sold separately) is required.
- **Smart Home Integration:** The lights can be controlled via Alexa with a compatible smart home hub (sold

separately).

Why Our String Lights?

OURS	OTHERS
 Outer rubber casing	 Thin, exposed cord
 Fused joints	 Flimsy joints
 Gapless connection	 Prone to gaps

Image: A beautifully lit outdoor patio at dusk, showcasing the warm and inviting ambiance created by the Brightech Ambience Pro string lights.

6. MAINTENANCE

- **Bulb Replacement:** Always unplug the string lights before replacing any bulbs. Carefully unscrew the old bulb and screw in a new 11-watt S14 incandescent bulb. A spare bulb is included.
- **Cleaning:** Wipe the bulbs and cord with a soft, damp cloth as needed. Do not use harsh chemicals or abrasive cleaners.
- **Weather Protection:** These lights feature WeatherTite technology, designed to withstand winds up to 50 MPH, rain, and snow. The rubberized cord is durable for year-round outdoor display.

All-Season Outdoor Use

 15 Bulbs 11W  48ft String Length  Multiple Strands Connect end to end  Spare Fuse Included

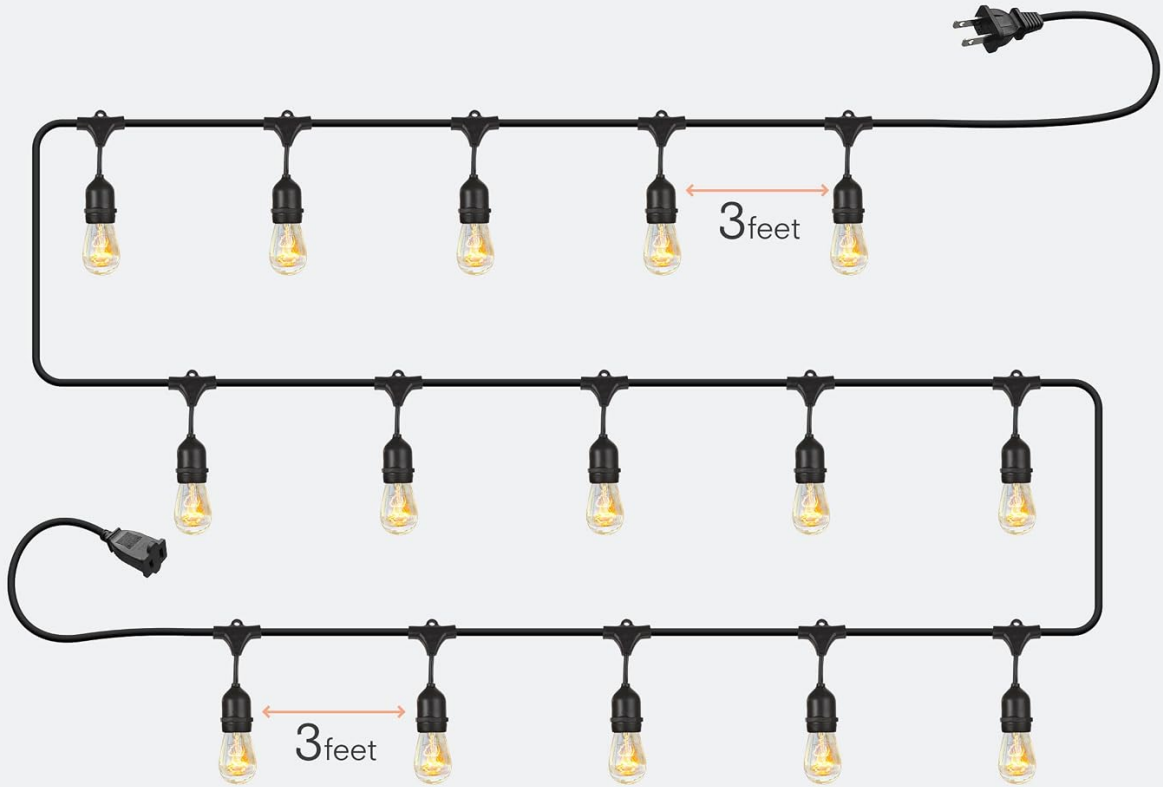


Image: A close-up of a string light bulb with water droplets, demonstrating its waterproof and weather-resistant features.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the outlet, loose bulb, or blown fuse.	Check the power outlet. Ensure all bulbs are securely screwed in. Check the fuse in the plug (a spare fuse is included).
Some bulbs are not lighting up.	Loose or faulty bulb.	Tighten or replace the non-working bulb.
Lights flicker.	Loose connection or incompatible dimmer.	Check all connections. If using a dimmer, ensure it is compatible with incandescent bulbs.

8. SPECIFICATIONS

- **Model Number:** AMBPROBLACK

- **Length:** 48 Feet
- **Number of Bulbs:** 15
- **Bulb Wattage:** 11 watts per bulb
- **Bulb Shape Size:** S14
- **Light Source Type:** Incandescent
- **Voltage:** 110 Volts
- **Color Temperature:** 3000 Kelvin (Yellow Light)
- **White Brightness:** 2250 Lumens
- **Material Type:** Rubber
- **Water Resistance Level:** Waterproof (IP67 Ingress Protection Code Rating)
- **Special Features:** Dimmable, Energy Efficient, Waterproof, Weather Resistant
- **Connectivity Protocol:** Wi-Fi (for smart home integration with separate hub)
- **Item Weight:** 6.68 Pounds
- **UPC:** 853799005172

9. WARRANTY AND SUPPORT

Brightech offers a comprehensive warranty for your peace of mind:

- **Bulb Warranty:** 3-month warranty on light bulbs.
- **Strand Warranty:** Full three-year warranty on the string light strand.
- This warranty covers any defects, malfunctions, or sudden failures. For support, please contact Brightech USA customer service.

For additional information or assistance, please visit the official Brightech Store:[Brightech Store](#)