

## DAYBETTER CVT121B040-NSB0

# DAYBETTER 120ft Outdoor String Lights Instruction Manual

Model: CVT121B040-NSB0

## 1. PRODUCT OVERVIEW

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The DAYBETTER 120ft Outdoor String Lights are designed to provide warm, ambient lighting for various outdoor settings. This set includes 40 shatterproof ST38 bulbs with a 2700K warm white color temperature, suitable for creating a cozy atmosphere. The lights are commercial grade and built to withstand various weather conditions, including rain, snow, sun, and wind.

### Key Features:

- **Length:** 120 feet
- **Bulbs:** 40 shatterproof ST38 LED bulbs
- **Color Temperature:** 2700K Warm White
- **Durability:** Weatherproof (Waterproof, Snowproof, Sunproof, Windproof)
- **Installation:** Easy to install with built-in clips and end-to-end connectivity.



Image 1.1: Comparison of shatterproof LED bulbs (left) with traditional fragile glass incandescent bulbs (right). The LED bulbs are designed for durability and energy efficiency, consuming 1W per bulb compared to 5W for incandescent, and have a lifetime of 30,000 hours.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Ensure the power source voltage matches the product's requirements (110 Volts AC).
- Do not exceed the maximum wattage for the string if connecting multiple sets.

- Always plug the lights into a Ground Fault Circuit Interrupter (GFCI) protected outlet for outdoor use.
- Inspect the string lights for any damage before each use. Do not use if the cord, bulbs, or sockets are damaged.
- Keep children and pets away from the string lights during installation and operation.
- Do not immerse the plug or any non-waterproof components in water.
- Unplug the lights from the power source before performing any maintenance or bulb replacement.



Image 2.1: Detail of the string light plug, highlighting the easy installation hooks, a spare fuse for safety, and the end-to-end plug design for connecting multiple strands.

### 3. WHAT'S INCLUDED

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Upon opening your DAYBETTER 120ft Outdoor String Lights package, you should find the following components:

- 1 x 120ft String Light Strand with 40 E12 Sockets
- 40 x ST38 Shatterproof LED Bulbs (2700K Warm White)
- 1 x Spare ST38 Shatterproof LED Bulb
- User Manual (this document)

### 4. SETUP INSTRUCTIONS

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Follow these steps to properly set up your DAYBETTER Outdoor String Lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect the string and bulbs for any signs of damage. If any damage is found, do not proceed with installation and contact customer support.
2. **Plan Your Layout:** Determine where you want to hang your string lights. Consider the length of the string (120ft) and the location of a suitable outdoor power outlet. Ensure the path for the lights avoids sharp objects or areas where they might be easily damaged.
3. **Hang the String:** Securely hang the empty string light strand in your desired location. Each socket has a built-in clip for easy attachment to guide wires, hooks, or other support structures. For longer spans or heavier installations, using a separate guide wire (not included) is recommended to reduce strain on the string.
4. **Install Bulbs:** Once the string is securely hung, carefully screw each ST38 LED bulb into its respective socket. Ensure bulbs are screwed in firmly but do not overtighten.

5. **Connect Multiple Strands (Optional):** If you have purchased multiple sets and wish to connect them, ensure the total wattage does not exceed the maximum rating for the circuit. Connect the end-to-end plug of one string to the receptacle of another. Secure any unused end receptacles with the provided cap (if included) to prevent moisture ingress.
6. **Plug In:** Plug the main power cord into a GFCI-protected outdoor electrical outlet.



Image 4.1: An example of the DAYBETTER string lights installed and illuminating an outdoor patio area at night, demonstrating their aesthetic appeal and functional lighting.

## 5. OPERATING INSTRUCTIONS

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Operating your DAYBETTER Outdoor String Lights is straightforward:

- **Power On/Off:** Once plugged into a live GFCI outlet, the lights will illuminate. To turn them off, simply unplug the power cord from the outlet. For automated control, consider using an outdoor timer or smart plug (not included).
- **Dimmability:** These string lights are compatible with most dimmers on the market. If you wish to adjust the brightness, you can connect them to a compatible outdoor dimmer switch (dimmer not included). Ensure the dimmer is rated for outdoor use and matches the electrical specifications of the lights.

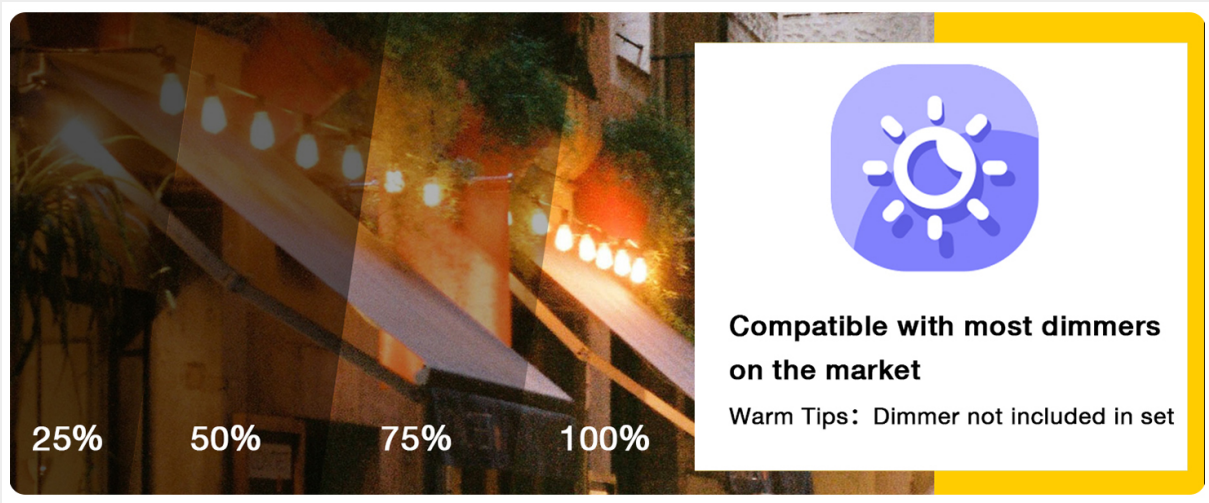


Image 5.1: An illustration demonstrating the dimmable feature of the string lights, showing different brightness levels from 25% to 100% and indicating compatibility with most dimmers.

## 6. MAINTENANCE

Proper maintenance will extend the lifespan of your string lights:

- **Cleaning:** Periodically wipe down the bulbs and cord with a soft, damp cloth. Ensure the lights are unplugged and completely dry before plugging them back in. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** If a bulb stops working, first ensure it is screwed in tightly. If it still doesn't light, unplug the string, carefully unscrew the faulty bulb, and replace it with a new ST38 E12 base LED bulb (1W). Use the spare bulb provided or purchase replacements with matching specifications.
- **Storage:** When not in use for extended periods, or during severe weather, unplug the lights and store them in a cool, dry place. Coil the string neatly to prevent tangling and damage.



Image 6.1: A close-up view of the ST38 bulb and E12 base, illustrating that the bulb is removable for easy replacement. The image also highlights the 2700K Warm White color temperature.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lights do not turn on	No power to outlet, loose plug, tripped GFCI, blown fuse in plug, loose bulb, faulty bulb.	Check outlet with another device. Ensure plug is fully inserted. Reset GFCI outlet. Check and replace fuse in plug if blown. Tighten all bulbs. Replace any faulty bulbs.
Some bulbs are out	Loose bulb, faulty bulb.	Unplug the string. Tighten the affected bulbs. If still out, replace the faulty bulb with a new one.
Lights are flickering	Loose connection, unstable power supply, incompatible dimmer.	Ensure all bulbs are tightly screwed in. Check power connections. If using a dimmer, ensure it is compatible and rated for outdoor LED string lights.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	CVT121B040-NSB0
Length	120 Feet
Number of Bulbs	40
Bulb Type	ST38 LED, Shatterproof
Bulb Base	E12
Light Color	Warm White
Color Temperature	2700 Kelvin
Wattage (per bulb)	1 Watt
Voltage	110 Volts
Power Source	AC
Water Resistance Level	Waterproof (IP44)
Material	Plastic
Indoor/Outdoor Usage	Outdoor
Lifetime	30,000 hours

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact DAYBETTER customer service directly. Keep your purchase receipt for warranty claims.