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› LEDENET Triple Row LED Strip Lights User Manual

LEDENET LEDENET-STRIP-1120

LEDENET Triple Row LED Strip Lights User Manual

Model: LEDENET-STRIP-1120

INTRODUCTION

Thank you for choosing the LEDENET Super Bright Triple Row LED Strip Lights. This manual provides essential information for the safe and efficient use of your new LED strip lights. Designed for both indoor and outdoor applications, these lights offer exceptional brightness and flexibility for various lighting projects.



Image: The 16.4ft LED strip lights, showcasing their triple-row design and bright illumination.

SAFETY INFORMATION

- Always ensure the power supply is disconnected before installation or maintenance.
- Use only a DC 12V power supply. Ensure the power supply's wattage matches or exceeds the total wattage of the connected LED strip.
- Do not light the LED strip lights while they are still on the reel. Unroll the entire strip for proper heat dissipation before powering on.
- While the product is IP67 waterproof, it is designed to resist dust and temporary water splashes. It cannot be used underwater.
- Avoid bending the strip sharply or applying excessive force, which may damage the internal circuitry.
- If cutting the strip, ensure proper sealing of the cut end, especially for outdoor or humid environments, to maintain waterproof integrity. Waterproof end caps (ASIN: B0DKJJW31C) are recommended.

PRODUCT FEATURES

- **Super Bright Triple Row:** 16.4ft (5M) length with 360 LEDs per meter, generating up to 3022 LM per meter.
- **Daylight White 6000K:** Provides a crisp, bright white light suitable for various applications.
- **Safe to Use:** Operates at DC 12V with very low heat, making it safe to touch.
- **Linkable & Cuttable:** Can be cut along designated cutting marks every 9 LEDs (3 rows) for custom lengths.
- **Outdoor Waterproof IP67:** Silicone sleeve protection ensures resistance to dust and temporary water splashes.
- **Dimmable:** Brightness can be adjusted with a compatible dimmer controller (not included).

Power supply and controller are not included and need to be purchased separately.



Note:

- 1) Use only DC 12V power supply. The power of the power supply needs to match the power of the connected LED strip.
- 2) Please use dimmer controller if you need to adjust the brightness, speed, mode, etc. of the LED strip.

Image: Key features of the LED strip, including length, color temperature, voltage, IP rating, wattage, and width.

PACKAGE CONTENTS

The package includes:

- 1 x 16.4ft (5M) Super Bright Triple Row LED Strip Light (Daylight White 6000K)
- 6 x Mounting Clips

Note: Power supply and controller are not included and must be purchased separately.

SETUP AND INSTALLATION

1. Preparation

- Unroll the entire LED strip from the reel before testing or powering on to prevent overheating.
- Ensure you have a compatible DC 12V power supply and, if desired, a dimmer controller.

- Plan your installation path and measure the required length.

2. Cutting the LED Strip (Optional)

The LED strip can be cut to your desired length. Look for the designated cutting marks, typically indicated by a scissor icon or a dotted line, every 9 LEDs (3 rows). Cut precisely along these marks.

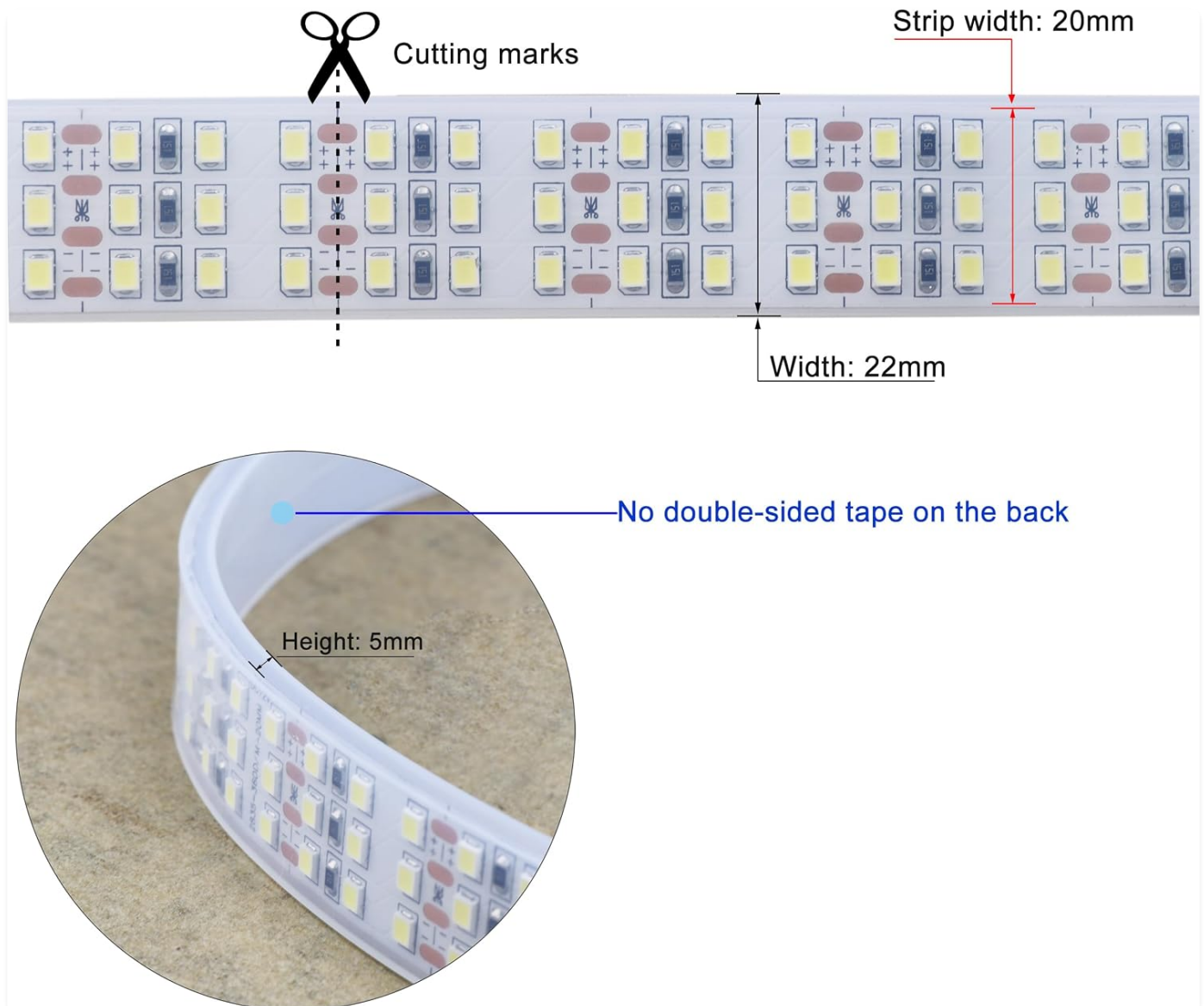


Image: Illustration of cutting marks on the LED strip, showing where to safely cut the strip for custom lengths.

Important: If cutting the strip for outdoor or humid environments, you must seal the cut end with a waterproof end cap (ASIN: B0DKJJW31C) to maintain the IP67 rating.

3. Wiring Connection

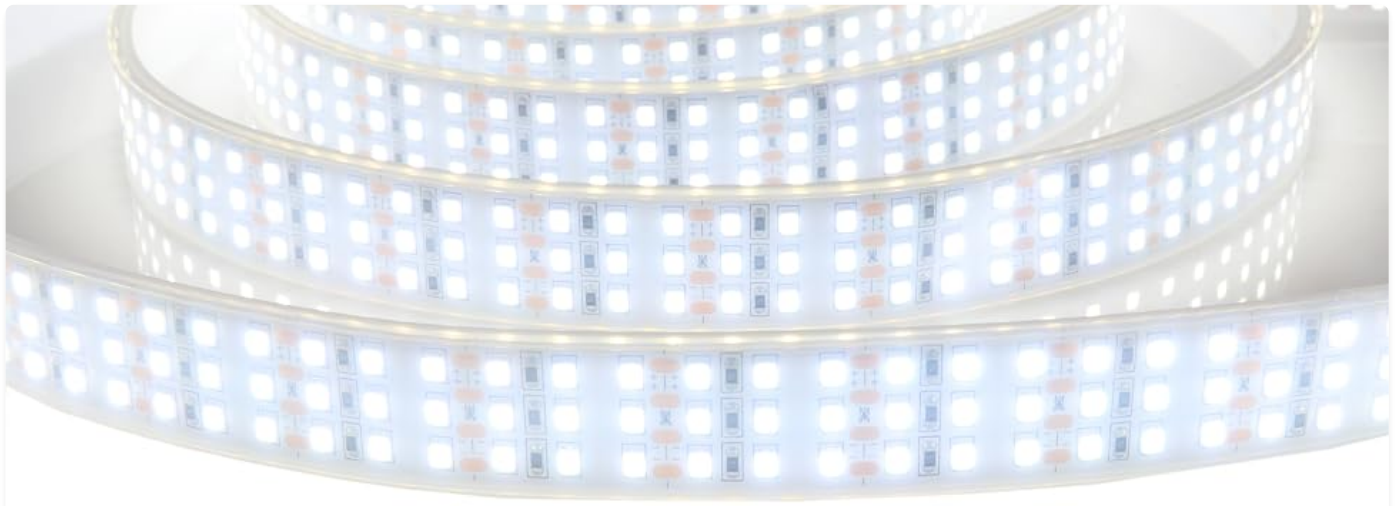
Connect the LED strip to your DC 12V power supply. The strip has two wires for connection:

- **Red wire:** Connect to the positive (+) terminal of your 12V power supply.
- **Black wire:** Connect to the negative (-) terminal (or 'W' for white light) of your 12V power supply.



Image: Detail of the LED strip's wiring, indicating the red wire for positive (V+) and black wire for white light (W).

If using a dimmer controller, connect the LED strip to the output of the dimmer, and the dimmer to the power supply.



16.4ft/5M
Length

White
6000K

DC 12V
Voltage

IP67
Waterproof

30W/M
Watts

20mm
Tape width

Image: Connection diagram illustrating how to connect the LED strip to a power supply and an optional dimmer controller.

4. Mounting

Use the included 6 mounting clips to securely hold the LED strip in place. Distribute the clips evenly along the length of the strip to ensure stable installation.

OPERATING INSTRUCTIONS

Once properly installed and connected to a DC 12V power supply, the LED strip lights will illuminate. To control the lights:

- **On/Off:** Use the switch on your power supply or an inline switch connected to the circuit.
- **Dimming:** If you have installed a compatible dimmer controller (e.g., Button Control or Remote type), use its controls to adjust the brightness of the LED strip.

MAINTENANCE

- **Cleaning:** Gently wipe the silicone surface of the LED strip with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Water Resistance:** The IP67 rating protects against dust and temporary water splashes. Ensure all connections and cut ends (if applicable) are properly sealed to maintain this protection, especially in outdoor or humid environments.
- **Heat Dissipation:** Ensure the LED strip is installed in a location with adequate airflow to allow for proper heat dissipation, prolonging its lifespan.

Outdoor Waterproof IP67



Image: The LED strip demonstrating its IP67 outdoor waterproof capability.

TROUBLESHOOTING

Problem	Possible Cause	Solution
LED strip does not light up.	◦ No power to the strip. ◦ Incorrect wiring (polarity reversed). ◦ Faulty power supply. ◦ Damaged LED strip.	◦ Check power connections and ensure power supply is on. ◦ Verify red wire is connected to + and black wire to -. ◦ Test power supply with another device or replace it. ◦ Inspect the strip for visible damage.

Problem	Possible Cause	Solution
Some LEDs are not working.	◦ Damage to a section of the strip. ◦ Improper cutting or sealing.	◦ Inspect the non-working section for physical damage. ◦ Ensure cut ends are properly sealed if the strip was cut.
Lights are dim or flickering.	◦ Insufficient power supply wattage. ◦ Voltage drop over long runs. ◦ Faulty dimmer (if used).	◦ Ensure power supply wattage meets or exceeds the strip's requirements. ◦ Consider feeding power from both ends for longer strips or using a higher gauge wire. ◦ Test or replace the dimmer.

SPECIFICATIONS

Attribute	Detail
Brand	LEDENET
Model Number	LEDENET-STRIP-1120
Color	White
Light Color	Daylight White 6000K
Length	16.4 feet (5 meters)
Light Source Type	LED (1800 LEDs total, 360 LEDs/meter)
Luminous Flux	15110 Lumen (approx. 3022 LM/meter)
Voltage	12 Volts (DC)
Wattage	150 watts (approx. 30W/meter)
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	IP67 (Water Resistant)
Material	Silicone Rubber
Control Method	Remote / Button Control (with compatible controller)
Included Components	6 mounting clips

Attribute	Detail
Item Weight	13.1 ounces
Package Dimensions	8.23 x 7.91 x 1.22 inches
Country of Origin	China

WARRANTY AND SUPPORT

For warranty information and customer support, please contact LEDENET directly through their official channels or the retailer from whom you purchased the product. Refer to your purchase documentation for specific warranty terms and conditions.

You can visit the LEDENET Store for more information:[LEDENET Store on Amazon](#)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question