

manuals.plus /

- › [SIRS-E](#) /
- › [SIRS-E StripFlexLED White LED Strip Lights User Manual](#)

SIRS-E StripFlexLED 4000K (32.8 ft)

SIRS-E StripFlexLED White LED Strip Lights

User Instruction Manual

1. INTRODUCTION

Thank you for choosing SIRS-E StripFlexLED White LED Strip Lights. This professional-grade flexible tape light is designed for versatile lighting applications, offering precise brightness control and energy efficiency. This manual provides essential information for the safe and effective installation, operation, and maintenance of your LED strip lights.



Figure 1: SIRS-E StripFlexLED White LED Strip Lights (4000K, 32.8 ft) on a reel, indicating 24V, 60 LEDs/m, and Made in USA.

2. SAFETY INFORMATION

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

- This product is designed for **Indoor Use Only**. Do not expose to moisture or outdoor elements.
- A **24-volt LED power supply is essential for operation** and is sold separately. Ensure the power supply is compatible and correctly rated for the length of the LED strip being used.
- Always disconnect power before installing, cutting, or reconnecting the LED strip.
- Do not bend the LED strip sharply or apply excessive force, as this may damage the internal circuitry.
- Ensure all connections are secure and insulated to prevent short circuits.
- Do not operate the LED strip if it is damaged.

Figure 2: Close-up of SIRS-E StripFlexLED showing 'Made in USA' and UL Listed certification, indicating professional grade quality.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x SIRS-E StripFlexLED (32.8 ft / 10m)
- 1 x Extension Connector
- 1 x Splice Connector
- 2 x Clips

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your StripFlexLED lights:

4.1 Surface Preparation

Ensure the mounting surface is clean, dry, and smooth. The StripFlexLED features ultra-strong 3M peel & stick mounting adhesive for easy application.

4.2 Adhering the Strip

1. Carefully peel off the backing from the 3M adhesive tape on the back of the LED strip.
2. Press the strip firmly onto the desired surface, ensuring even contact along its entire length.



Figure 3: Hands carefully installing the flexible LED strip light under a cabinet, demonstrating the ease of application.

4.3 Power Connection

Connect the LED strip to a compatible 24-volt LED power supply (sold separately). Ensure polarity is correct (+ to + and - to -). If using a dimmer, connect it between the power supply and the LED strip according to the dimmer's instructions.



Figure 4: Illustration of StripFlexLED features, including the 3M peel & stick adhesive, StripLock™ connectors (extension and splice), and examples of lighting applications on shelves and in kitchens.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Once connected to a power supply, the LED strip will illuminate when the power supply is active. Use the power supply's switch or a connected dimmer/controller to turn the lights on or off.

5.2 Dimming Control

The StripFlexLED is dimmable, allowing precise brightness control from 0% to 100% when used with compatible LED light dimmer switches and controllers (available separately).



Figure 5: A close-up view of the illuminated SIRS-E StripFlexLED, showcasing its bright and uniform light output.

5.3 Cutting and Reconnecting

The tape light is remarkably flexible and can be cut to your desired size at designated cut marks (indicated by a scissor icon or copper pads). It can also be reconnected using the provided splice or extension connectors for personalized installations.

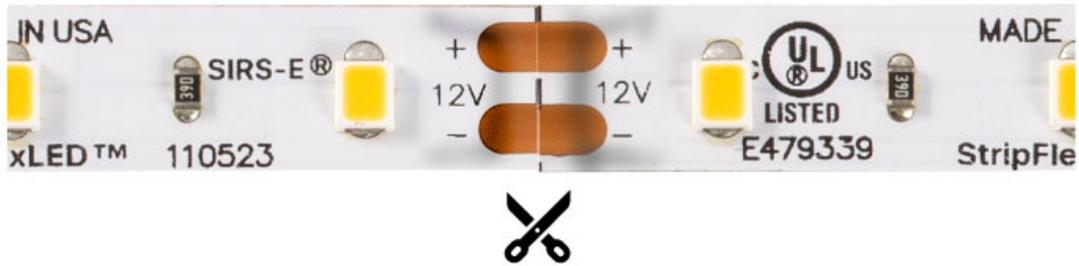


Figure 6: A segment of the LED strip light clearly indicating the designated cut point with a scissor icon, allowing for custom length adjustments.

6. MAINTENANCE

The StripFlexLED is designed for long-lasting performance with a lifespan of 75,000 hours. Minimal maintenance is required.

- **Cleaning:** Ensure the LED strip is powered off and cool before cleaning. Gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the strip for any signs of damage or loose connections.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
LED strip does not light up.	No power to the strip. Incorrect wiring/polarity. Faulty power supply.	Check if the power supply is plugged in and turned on. Verify all connections are secure and polarity is correct (+ to + and - to -). Test the power supply with another device or replace it if necessary.
Lights are dim or flickering.	Insufficient power supply. Loose connection. Incompatible dimmer.	Ensure the power supply wattage is sufficient for the length of the strip. Check all connections for looseness. Verify the dimmer is compatible with 24V LED lights.
Only part of the strip lights up.	Damage to the strip. Faulty connection at a cut/splice point.	Inspect the unlit section for visible damage. Re-check or re-do connections at the last working cut/splice point.

8. SPECIFICATIONS

Key technical specifications for the SIRS-E StripFlexLED White LED Strip Lights:

Feature	Specification
Model	StripFlexLED
Color Temperature	4000K (Bright White)
Length	32.8 ft (10m)
LED Density	60 LEDs/meter
Voltage	24 Volts
Luminous Flux	330 Lumens
Special Features	Dimmable, Energy Efficient
Indoor/Outdoor Usage	Indoor
Material	3M Peel and Stick Adhesive, Copper
Lifespan	75,000 hours
Certifications	UL Listed
Manufacturing Origin	Made in USA

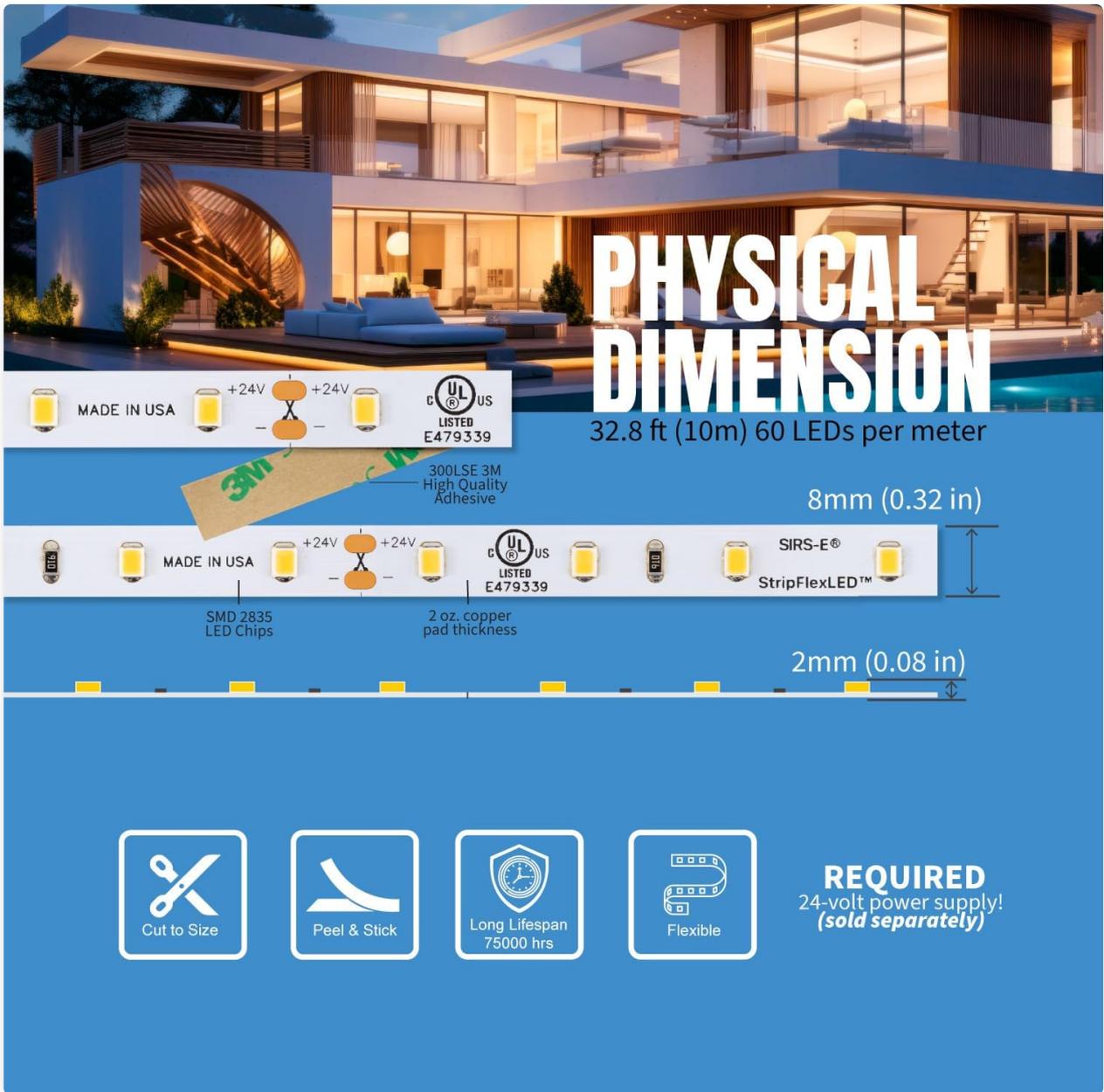


Figure 7: Detailed physical dimensions of the StripFlexLED (8mm width, 2mm thickness) and key features like 'Cut to Size', 'Peel & Stick', 'Long Lifespan', and 'Flexible', along with the requirement for a 24-volt power supply.

9. WARRANTY AND SUPPORT

SIRS-E Lighting has been operating since 2005, specializing in high-quality LED Strip Lighting and DMX Control Systems. For specific warranty information or technical support, please contact SIRS-E directly through their official channels or visit their Amazon store page.

For further assistance, please refer to the contact information provided with your purchase or visit the [SIRS-E Amazon Store](#).

