

Lepro 4100057-WW

Lepro 12V LED Strip Light Instruction Manual

Model: 4100057-WW

[Introduction](#) [Safety Information](#) [Package Contents](#) [Specifications](#) [Setup](#) [Operating](#)
[Instructions](#) [Maintenance](#) [Troubleshooting](#) [Warranty & Support](#)

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Lepro 12V LED Strip Light. This flexible, non-waterproof LED tape light is designed for indoor decorative and accent lighting applications. Please read this manual thoroughly before installation and use.

2. SAFETY INFORMATION

- **Power Adapter:** A 12V DC power adapter is **not included** and must be purchased separately. Ensure the power adapter's output voltage is exactly 12V. Using a higher voltage adapter will damage the LED strip.
- **Wattage:** The total wattage of the LED strip (18W for 16.4ft) must not exceed the maximum wattage rating of your power adapter.
- **Heat:** The LED strip operates at an extremely low heat, making it safe to touch.
- **Water Resistance:** This product is **non-waterproof** and intended for indoor use only. Avoid exposure to water or high humidity.
- **Handling:** The LED strip is flexible but fragile. Handle with care during installation to prevent tearing or damage to the PCB.
- **Cutting:** Only cut the LED strip at designated cutting marks (every 3 LEDs) to avoid damaging the circuit.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x Lepro 12V LED Strip Light (16.4 ft)
- Accessories (e.g., connectors, clips - specific accessories may vary, power adapter not included)

Package List



Figure 3.1: Package Contents. Note: 12V power supply sold separately.

4. SPECIFICATIONS

Feature	Detail
Model Number	4100057-WW
Light Type	LED Strip Light (SMD 2835)
Length	16.4 ft (5 meters)
Light Color	Warm White
Color Temperature	3000 Kelvin
Voltage	DC 12V
Wattage	18 Watts
Luminous Flux	1200 Lumens
Number of LEDs	300

Dimmable	No (Not Dimmable)
Indoor/Outdoor Use	Indoor Only
Material	Silicone
Item Weight	60 Grams (2.12 ounces)

Energy Efficiency

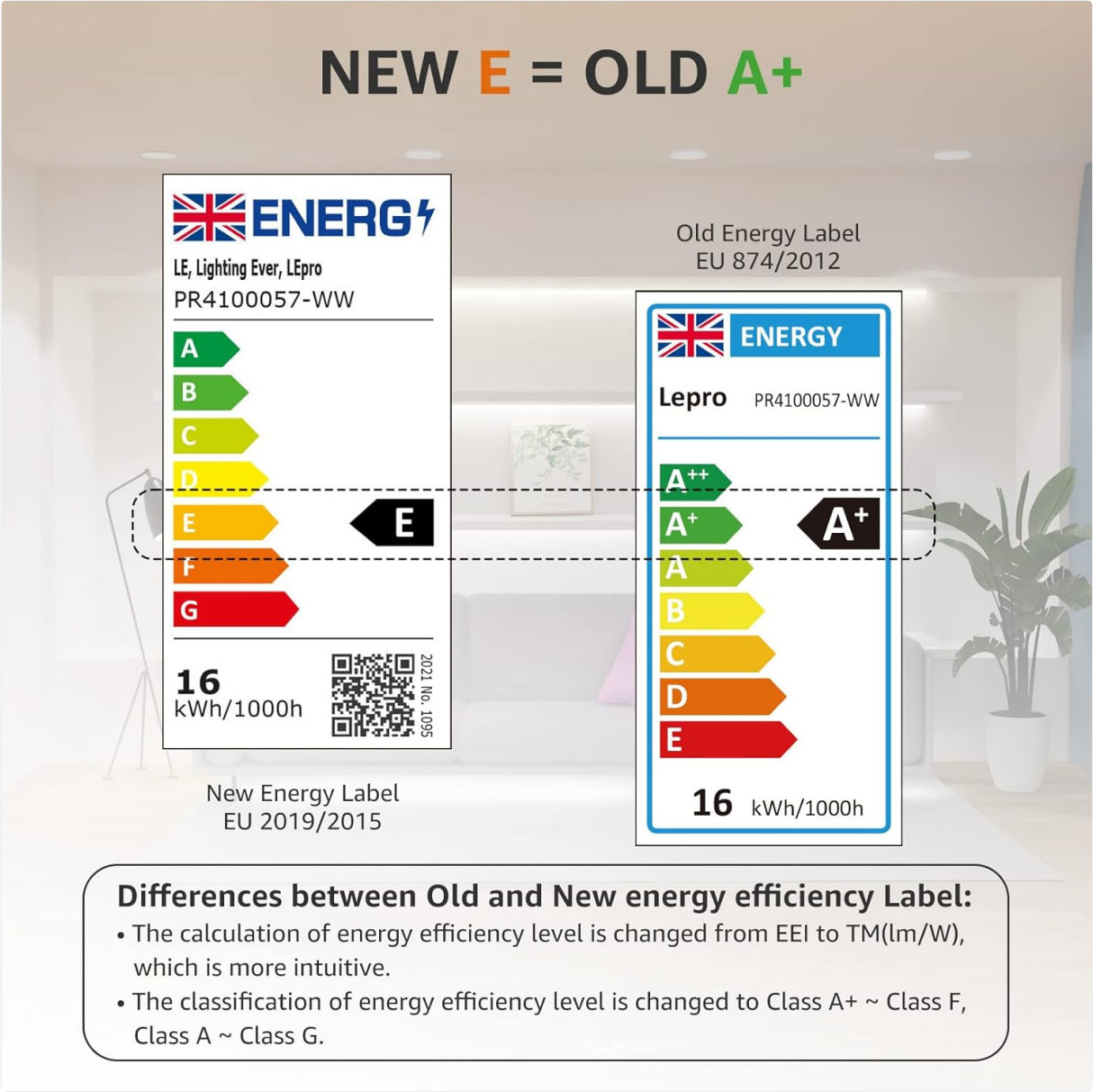


Figure 4.1: Energy Efficiency Label. For more details, visit eprel.ec.europa.eu/qr/1056793.

5. SETUP INSTRUCTIONS

5.1 Components Overview



(The adaptor is not included)

Cut to length at marked line
2pin 8mm connectors not included

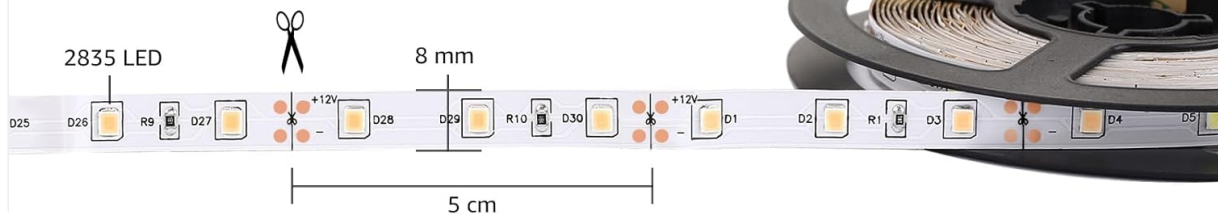


Figure 5.1: LED Strip Light Components. A 12V power supply is required and sold separately.

5.2 Installation Steps

1. **Prepare the Surface:** Ensure the surface where the LED strip will be applied is clean, dry, and smooth. Wipe the surface with a clean cloth to remove any dust or debris.
2. **Measure and Cut (Optional):** If a shorter length is desired, measure the required length. The LED strip can be cut every 3 LEDs along the designated cutting marks. Use sharp scissors for a clean cut.
Note: 2-pin 8mm connectors are not included if you cut the strip.
3. **Apply the Strip:** Peel off the protective backing from the self-adhesive tape on the back of the LED strip. Carefully press the strip onto the prepared surface, ensuring firm contact along its entire length.
4. **Connect Power:** Connect the LED strip to a compatible 12V DC power adapter (not included). Ensure the polarity is correct.



Figure 5.2: Installation Process: Clean surface, peel adhesive, and cut at marks.

6. OPERATING INSTRUCTIONS

Once properly installed and connected to a 12V DC power adapter, the LED strip light will illuminate when the power adapter is plugged into an electrical outlet. This model is **not dimmable** and does not include a controller. To turn the lights on or off, you must control the power supply directly (e.g., by plugging/unplugging or using a switched outlet).

6.1 Product in Use

Warm White LED Strip



Figure 6.1: Example of Warm White LED Strip Light application in a living space.



Figure 6.2: Warm White 3000K LED lighting in a home environment.

6.2 Video Demonstration

Video 6.1: Warm White LED Lights Strip for Bedroom. This video demonstrates the appearance of the warm white LED strip lights in a bedroom setting.

7. MAINTENANCE

- **Cleaning:** To clean the LED strip, ensure it is unplugged from the power source. Gently wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or immerse the strip in water.
- **Handling:** Avoid bending the strip sharply or applying excessive force, as this can damage the internal circuitry.
- **Storage:** If storing the LED strip, roll it loosely on its original reel or a similar circular object to prevent kinks or damage.

8. TROUBLESHOOTING

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

LED strip does not light up.	No power, incorrect voltage, faulty power adapter, or damaged strip.	Ensure the 12V power adapter is correctly plugged in and functioning. Verify the power adapter output is 12V DC. Check for visible damage to the strip or connections.
Portions of the strip are not lighting up.	Damage to a section of the strip, incorrect cutting, or faulty connection.	Inspect the unlit section for physical damage or improper cuts. Ensure any connectors used are secure.
Adhesive is not holding the strip.	Surface was not clean or smooth, or adhesive has lost its stickiness.	Clean the surface thoroughly before application. For persistent issues, consider using additional adhesive clips or a stronger double-sided tape (e.g., hot glue as a temporary solution, as mentioned in customer reviews, but be aware of potential damage upon removal).

9. WARRANTY & SUPPORT

9.1 Warranty Information

This Lepro LED Strip Light comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Lepro product, please contact Lepro customer support through the retailer's platform or visit the official Lepro website for contact information.