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HitLights L0512V-272-1667-U

HitLights Outdoor LED Strip Lights L0512V-272-1667-U Instruction Manual

Model: L0512V-272-1667-U

Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your HitLights Outdoor LED Strip Lights. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Setup and Installation

Before beginning installation, ensure you have a compatible 12V DC power supply. This is sold separately. The strip lights are designed for both indoor and outdoor use with an IP67 waterproof rating.

Package Contents

- 12V 2700K Waterproof LED Strip Light (16.4ft/5m)
- User Manual
- Wire Support Clips (x2)
- Clean Wipes

Installation Steps

1. **Prepare the Surface:** Ensure the mounting surface is clean and dry. Use the provided clean wipes if necessary.
2. **Apply the Strip:** The LED light strip comes with a strong 3M self-adhesive backing. Carefully peel off the tape and stick the strip onto the desired surface.
3. **Secure with Clips:** Use the included wire support clips to further secure the LED strip, especially in outdoor or high-traffic areas.
4. **Connect Power:** Connect the LED strip to a compatible 12V DC power supply (sold separately).



Image: Close-up of the LED strip light, highlighting its high density of LEDs and UL certification.

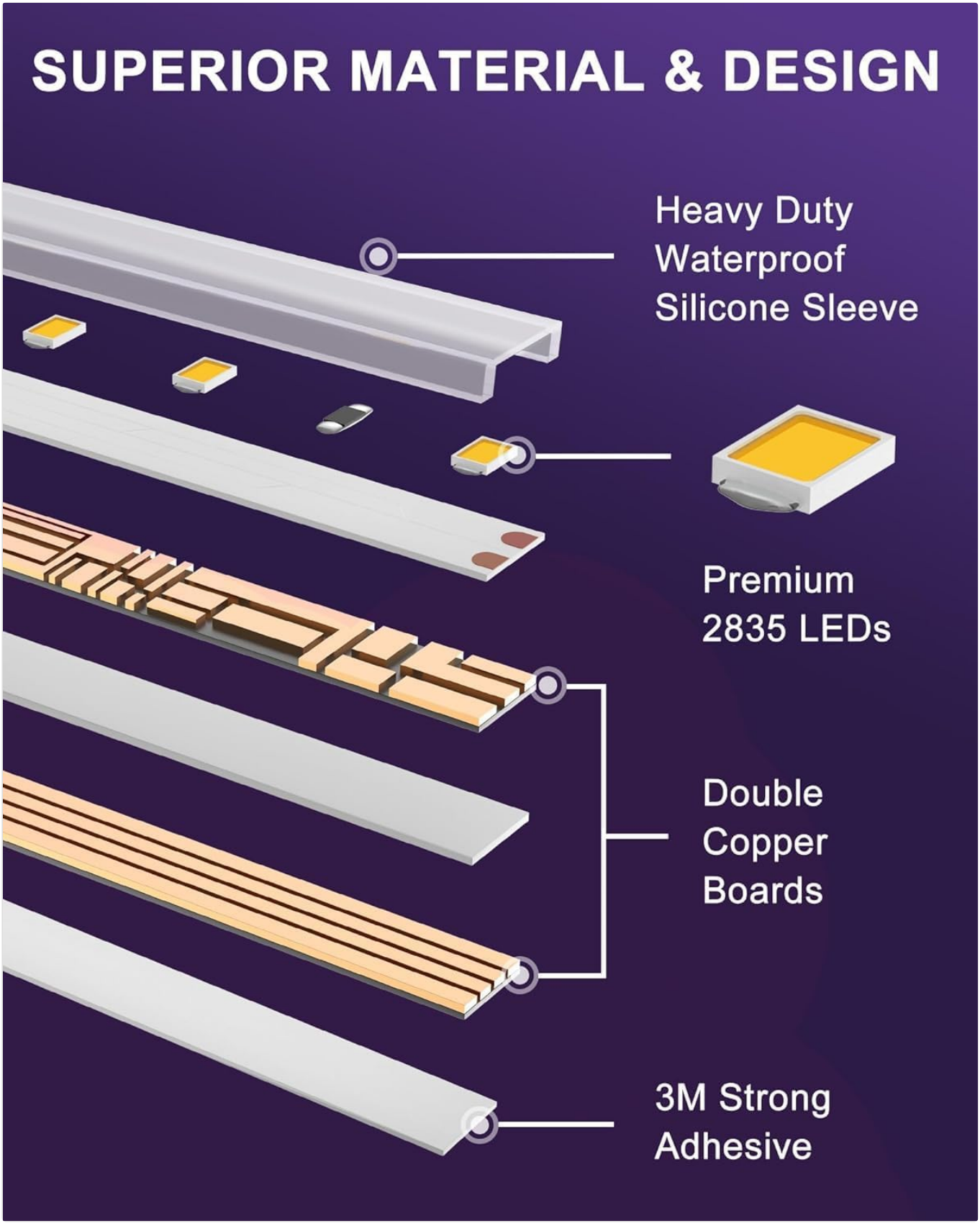


Image: Exploded view of the LED strip's construction, detailing the waterproof silicone sleeve, premium LEDs, copper boards, and adhesive.



Image: Various components included or compatible with the LED strip, such as adhesive, waterproof connectors, and mounting clips.



Image: Step-by-step visual instructions for installing the LED strip lights, from surface preparation to securing with clips.

IMPORTANT: Cutting the strip will break the waterproof seal. If you are not sure how to properly re-seal the silicone cover, it is recommended not to cut the strip.

Operating Instructions

These LED strip lights are dimmable with a compatible dimmer (sold separately). The control method for dimming is typically via a remote, depending on the dimmer chosen.

Understanding Color Temperature (2700K Warm White)

The 2700K warm white color temperature provides a cozy and inviting ambiance, similar to traditional incandescent lighting. This makes it ideal for creating a relaxing atmosphere in various indoor and outdoor settings.

- **Warm White (2700K - 3100K):** Ideal for residential use, creating a homey feel. Accents wood and brick, making reds, yellows, and oranges more vibrant while muting greens and blues. Not typically recommended for business environments where high productivity or accurate color reproduction is critical.
- **Neutral White (3900K - 4200K):** Reproduces all colors equally well, making it suitable for displaying merchandise, art, or photography. Often used in art galleries, museums, and for detailed work where accurate color representation is important.
- **Cool White / Daylight (5000K - 6500K):** Evokes the bright skies of a clear day. Popular in office buildings, especially those without natural light, and by retailers to energize displays. Tends to provide better results when bright, making products pop.

Your browser does not support the video tag.

Video: "How to Choose the Right LED Strip Color - HitLights". This video explains the differences between warm white, neutral white, and cool white color temperatures and their ideal applications.

Maintenance

The HitLights Outdoor LED Strip Lights are designed for durability and minimal maintenance.

- **Cleaning:** For outdoor installations, periodically clean the strip with a soft, damp cloth to remove dirt and debris. Ensure the power is disconnected before cleaning.
- **Waterproof Integrity:** The IP67 rating ensures protection against dust and temporary immersion in water. Avoid submerging the strip for extended periods or in depths beyond its rating. As noted, cutting the strip compromises its waterproof seal unless properly re-sealed.
- **Lifespan:** These LED strips have an estimated lifespan of 60,000 hours, which translates to approximately 16 years with 10 hours of daily use.

Troubleshooting

If you encounter any issues with your LED strip lights, please consider the following:

- **No Light:**
  - Check if the power supply is correctly connected and receiving power.
  - Ensure the LED strip is securely connected to the power supply.
  - Verify the power supply is a compatible 12V DC unit.
- **Dim or Flickering Light:**
  - Confirm the power supply wattage is sufficient for the length of the strip.
  - If using a dimmer, ensure it is compatible and functioning correctly.
  - Check for loose connections.
- **Partial Lighting:**
  - Inspect the strip for any physical damage or cuts.
  - Ensure all connections are secure.

For further assistance, please refer to the customer support section.

Specifications

Model Number	L0512V-272-1667-U
Brand	HitLights
Color Temperature	2700 Kelvin (Warm White)
Length	16.4 ft (5 meters)
Total Width (incl. cover)	10mm (0.4in)
PCB Width	8mm (0.3in)
Input Voltage	DC 12V
Max Output Power	43 watts
LED Chips	600 LEDs/reel
CRI (Ra)	90+
IP Rating	IP67 (Indoor and Outdoor)
Lumen	300 lumen/ft
Special Features	Dimmable, Energy Efficient, High CRI >90, UL-Listed, Waterproof
Control Method	Remote (with compatible dimmer, sold separately)
Lifespan	60,000+ hours
UPC	850053778391

Warranty Information

This product comes with a 6-year warranty from HitLights. Please retain your proof of purchase for warranty claims.

Customer Support

Our US-based customer service team is available to assist you with any questions regarding purchasing, installation, troubleshooting, or replacements. Please contact us for hassle-free support.
For contact details, please visit the official HitLights website or refer to the packaging.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

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