

## Maxxima MSL-482450W

# Maxxima 48-inch Hardwired LED Under Cabinet Strip Light Instruction Manual

Model: MSL-482450W

Brand: Maxxima

## 1. INTRODUCTION

Thank you for choosing the Maxxima 48-inch Hardwired LED Under Cabinet Strip Light. This product is designed to provide efficient and brilliant warm white illumination for various indoor and outdoor applications, including kitchens, living rooms, and cove lighting. This manual provides essential information for safe installation, operation, and maintenance of your LED strip light.

This 48-inch LED strip light delivers 1840 lumens of 3000K warm white light while consuming only 24 watts. It features a hardwired connection, eliminating the need for an external power supply, and is suitable for direct line voltage (120V) installations.

## 2. SAFETY INFORMATION

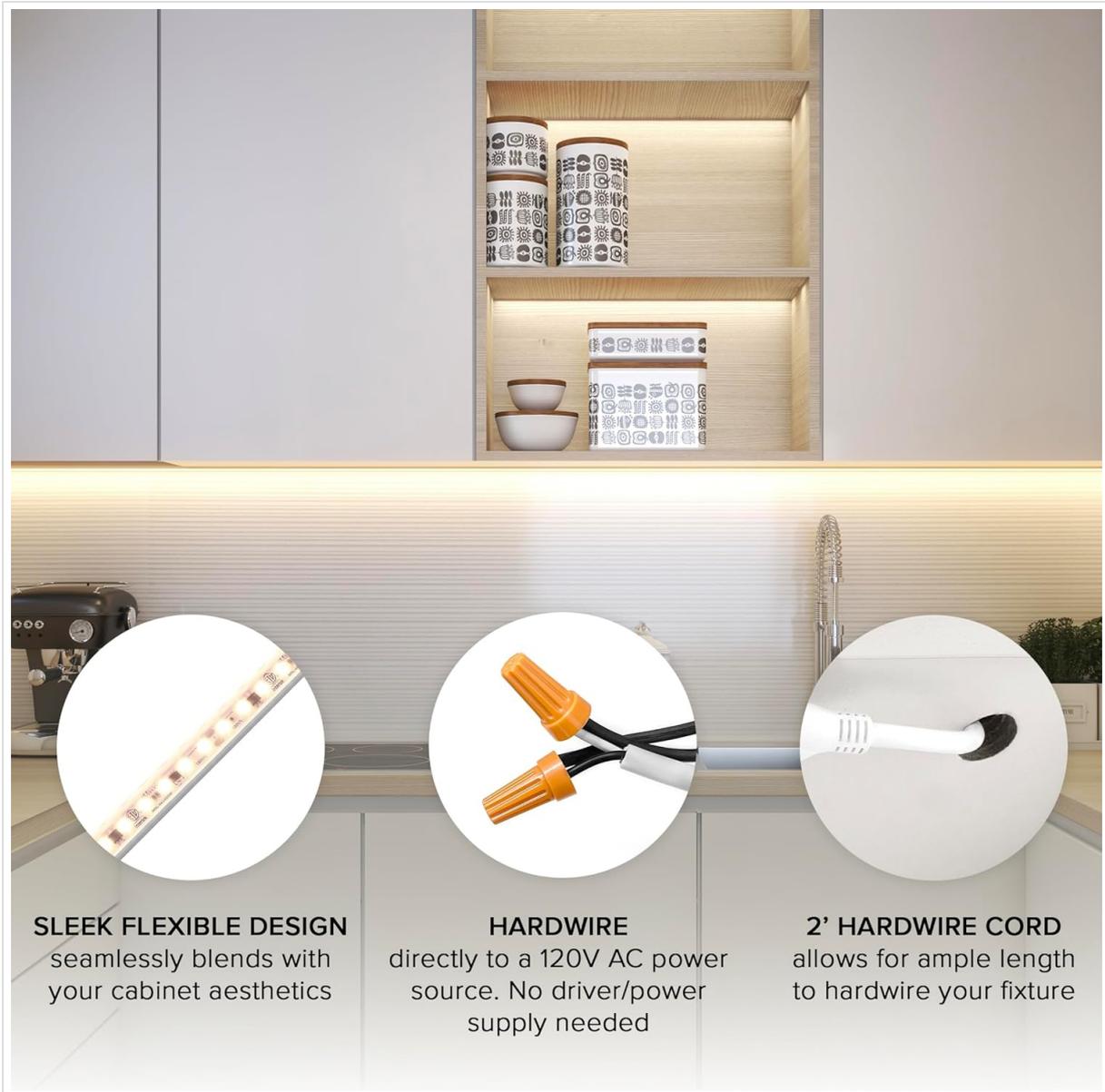
**WARNING:** To reduce the risk of fire, electric shock, or personal injury, always follow these safety precautions:

- Disconnect power at the fuse or circuit breaker before installation or servicing.
- Installation must be performed by a qualified electrician in accordance with all local electrical codes and ordinances.
- Ensure the supply voltage is 120V AC. Do not connect to any other voltage.
- Do not modify the product in any way. Any modifications may void the warranty and create a safety hazard.
- Do not look directly into the LED light source when illuminated.
- Keep the product away from flammable materials.
- This product is non-dimmable. Do not connect to a dimmer switch unless explicitly stated otherwise on the product packaging or specifications.
- For outdoor use, ensure installation is within a weatherproof JBox and connected to a GFCI breaker.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x Maxxima 48-inch Hardwired LED Under Cabinet Strip Light
- Mounting Clips (quantity varies by length, typically 9 for 48-inch)
- Screws
- Wall Anchors



Included mounting accessories: screws, wall anchors, and clips.

#### 4. SPECIFICATIONS

|                          |                          |
|--------------------------|--------------------------|
| <b>Model Number</b>      | MSL-482450W              |
| <b>Length</b>            | 48 Inches                |
| <b>Luminous Flux</b>     | 1840 Lumens              |
| <b>Color Temperature</b> | 3000 Kelvin (Warm White) |
| <b>Wattage</b>           | 24 Watts                 |

|                             |   |
|-----------------------------|---|
| <b>Voltage</b>              | 120 Volts (AC)  |
| <b>Power Source</b>         | Hardwired   |
| <b>Light Source Type</b>    | LED   |
| <b>Indoor/Outdoor Usage</b> | Indoor & Outdoor Use (with proper outdoor installation) |
| <b>Material</b>             | Polyvinyl Chloride                                      |
| <b>Special Feature</b>      | No Power Supply Needed                                  |
| <b>Non-Dimmable</b>         | Yes   |

## 5. SETUP AND INSTALLATION

Before installation, ensure power is disconnected at the circuit breaker. This product requires hardwiring to a 120V AC power source. If you are unsure about electrical wiring, consult a qualified electrician.

### Installation Steps:

- Plan Placement:** Determine the desired location for your LED strip light. Measure the area to ensure the 48-inch strip fits appropriately. Mark the mounting points for the clips.
- Mount Clips:** Secure the mounting clips to the desired surface (e.g., underside of a cabinet) using the provided screws and wall anchors if necessary. Ensure clips are evenly spaced to support the strip light securely.
- Route Wiring:** Route the hardwire cord from the LED strip light to your 120V AC power source junction box. The light includes a 23-inch hardwire cord for ample length.
- Hardwire Connection:** Connect the LED strip light's wires to the household wiring inside the junction box. Typically, this involves connecting the black wire from the light to the black (hot) wire from the power source, the white wire from the light to the white (neutral) wire from the power source, and the ground wire (if present) to the household ground. Use appropriate wire connectors (e.g., wire nuts) to secure connections.
- Secure Strip Light:** Gently press the LED strip light into the mounted clips until it snaps securely into place. Ensure the strip is flush and straight.
- Restore Power:** Once all connections are secure and the light is mounted, restore power at the circuit breaker.
- Test Functionality:** Turn on the light switch to verify proper operation.

**HARDWIRED  
APPLICATION**



**48" LED LIGHTS**

**MOUNTING ACCESSORIES INCLUDED**



Maxxima 48-inch LED strip light coiled, showing hardwired connection.



Diagram illustrating sleek design, hardwiring to 120V AC, and 2-foot hardwire cord.

### Visual Installation Guide:

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Official product video demonstrating the features and installation of Maxxima LED Hardwired Under Cabinet Strip Lights.

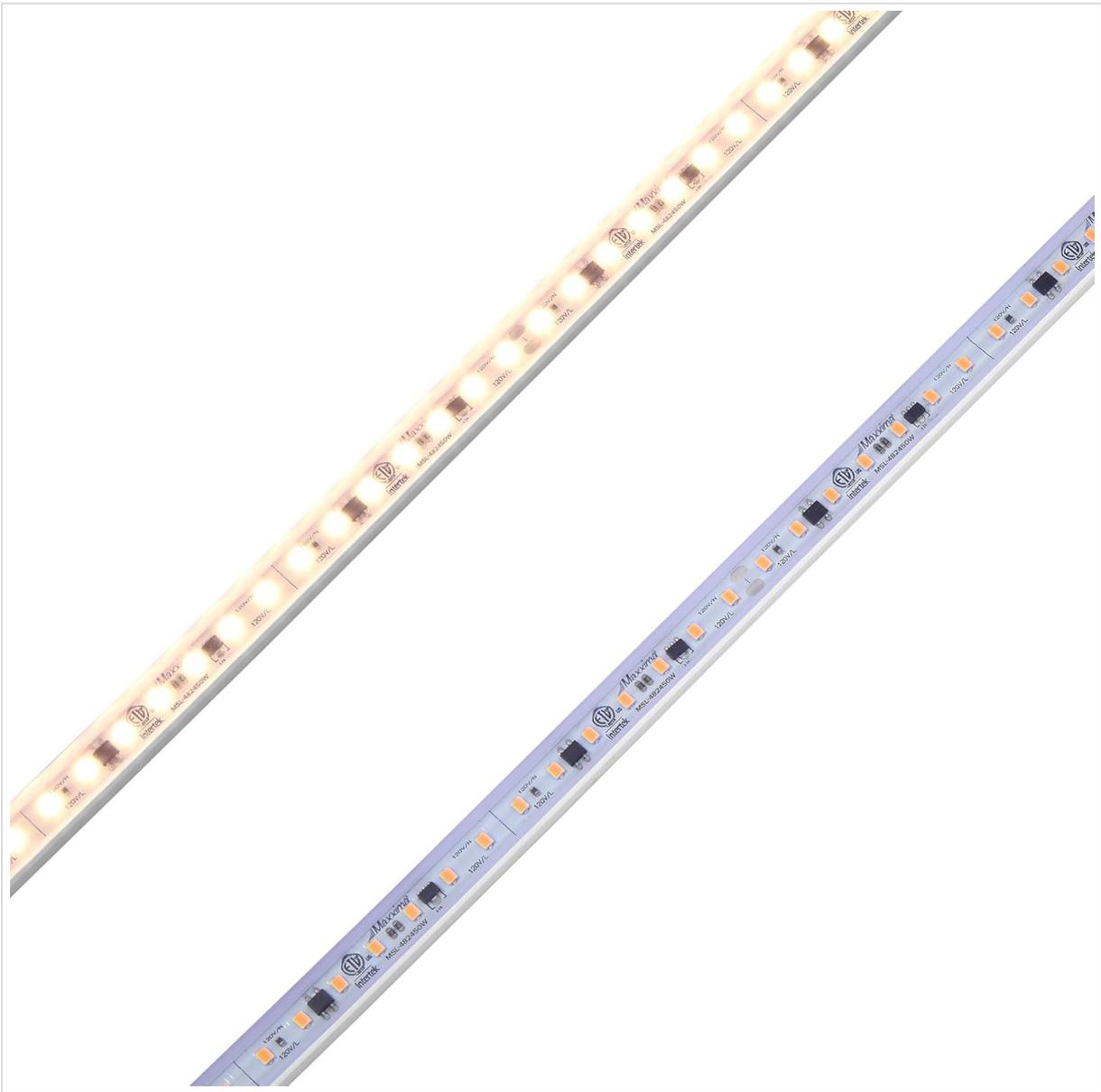
## 6. OPERATING INSTRUCTIONS

The Maxxima Hardwired LED Under Cabinet Strip Light operates directly from your 120V AC power source. Once properly installed and wired to a wall switch or other control mechanism, simply toggle the connected switch to turn the light ON or OFF.

**Note:** This LED strip light is non-dimmable. Connecting it to a dimmer switch may result in flickering, damage to the unit, or improper operation.



Example of Maxxima LED strip light installed under kitchen cabinets.



Example of Maxxima LED strip light used for under cabinet and floor cove lighting in a kitchen.

## 7. MAINTENANCE

The Maxxima LED Under Cabinet Strip Light requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the light strip with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these may damage the finish or electrical components.
- **Inspection:** Periodically inspect the wiring and mounting for any signs of wear, damage, or loose connections. Address any issues promptly.

## 8. TROUBLESHOOTING

If you experience issues with your Maxxima LED Under Cabinet Strip Light, refer to the following common troubleshooting steps:

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

|                         |                               |  |
|-------------------------|-------------------------------|--|
| Light does not turn on. | No power to the fixture.      | Check the circuit breaker and wall switch. Ensure power is restored.   |
|                         | Loose wiring connection.      | Disconnect power and check all hardwired connections in the junction box. Tighten if loose.  |
| Light flickers.         | Connected to a dimmer switch. | This product is non-dimmable. Remove the dimmer switch and replace it with a standard ON/OFF switch.   |
|                         | Voltage fluctuations.         | Ensure stable 120V AC power supply. Consult an electrician if voltage issues persist.  |
| Light is too bright.    | High lumen output.            | This light is designed for bright illumination. If less light is desired, consider alternative placement or a lower lumen product. This model is non-dimmable. |

If these steps do not resolve the issue, please contact Maxxima customer support.

## 9. WARRANTY AND SUPPORT

This Maxxima LED Under Cabinet Strip Light comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by improper installation, misuse, abuse, accidents, unauthorized repairs or modifications, or acts of nature.

For warranty claims, technical support, or any questions regarding your product, please contact Maxxima customer service. Please have your model number (MSL-482450W) and proof of purchase available.

**Maxxima Customer Support:** Refer to the contact information provided on the product packaging or the official Maxxima website.