

Metalux 4ST1L2040R

Metalux 4 ft. 1-Light Linear White Integrated LED Ceiling Strip Light (Model 4ST1L2040R) User Manual

Model: 4ST1L2040R

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Metalux 4 ft. 1-Light Linear White Integrated LED Ceiling Strip Light, Model 4ST1L2040R. Please read these instructions thoroughly before beginning installation and retain them for future reference.

The Metalux LED strip light is designed for various indoor applications, offering energy-efficient illumination with a 4000K color temperature and approximately 2298 lumens of brightness. Its durable construction and simple design make it suitable for both new construction and renovation projects.



Image 1.1: The Metalux 4 ft. 1-Light Linear White Integrated LED Ceiling Strip Light.

2. SAFETY INFORMATION

WARNING: RISK OF ELECTRIC SHOCK. Disconnect power at the fuse or circuit breaker before installing or servicing.

- Read all instructions before installation.
- All wiring connections must be in accordance with local and National Electrical Code (NEC) standards.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not install in wet locations. This fixture is rated for damp locations only.
- Ensure the supply voltage is 120V AC.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Wear safety glasses and gloves during installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Metalux 4 ft. 1-Light Linear White Integrated LED Ceiling Strip Light (1 unit)
- Installation Hardware (screws, wire nuts, aligner bracket for continuous row mounting)
- Instruction Manual



Image 3.1: Example of product packaging, showing model information.

4. SPECIFICATIONS

Feature	Specification
Model Number	4ST1L2040R
Dimensions (L x W x H)	48 in. x 1.75 in. x 2.5 in. (1220mm x 45mm x 63mm)
Light Output	2298 Lumens
Color Temperature	4000K (Cool White)
Wattage	19.4 Watts
Voltage	120 Volts
Material	Polycarbonate lens, Die-formed white steel construction
Installation Type	Surface Mount, Suspended

Feature	Specification
Indoor/Outdoor Usage	Indoor (Damp Location Rated)
Item Weight	2.7 Pounds
Warranty	5 Years Limited

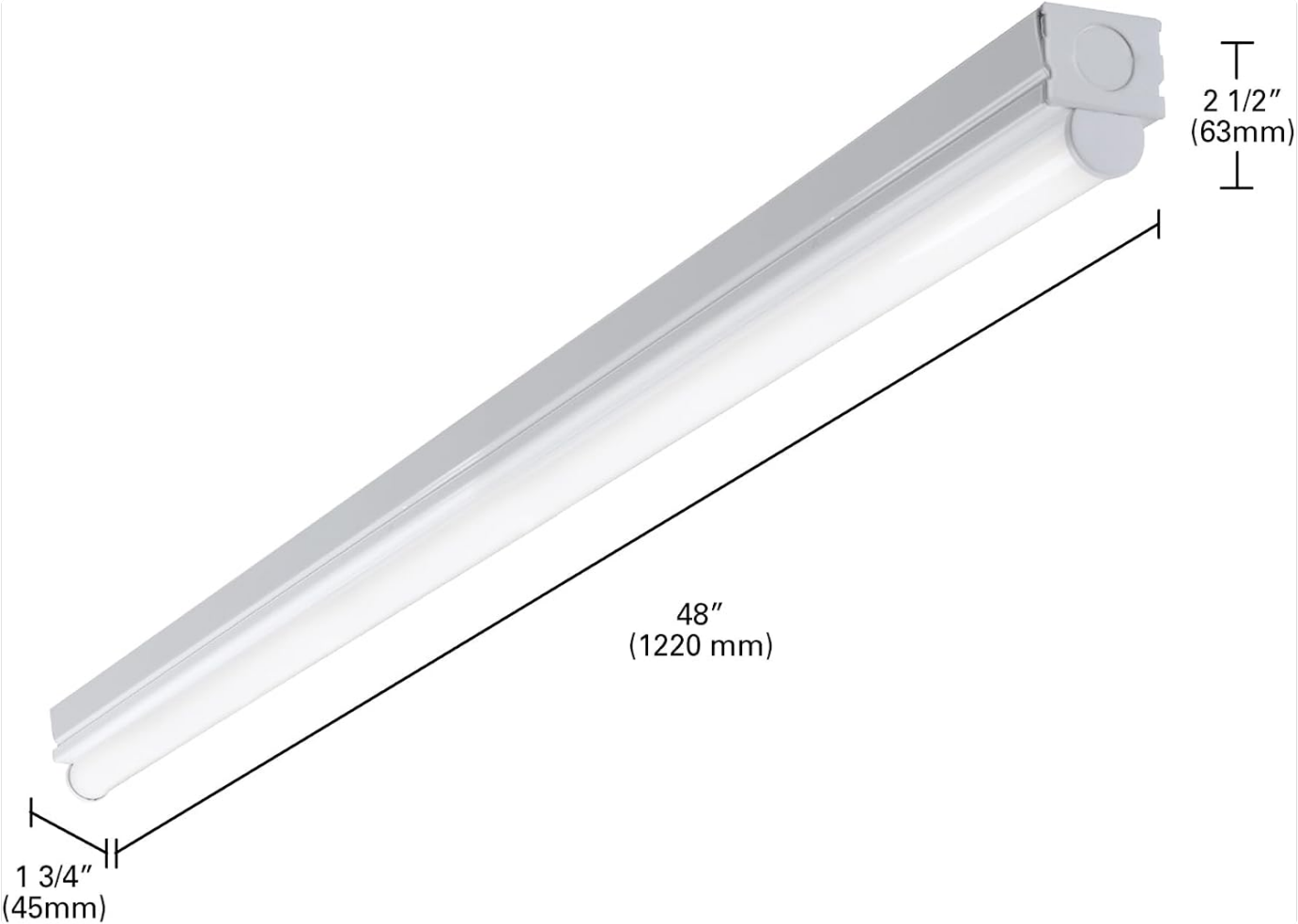


Image 4.1: Product dimensions diagram.

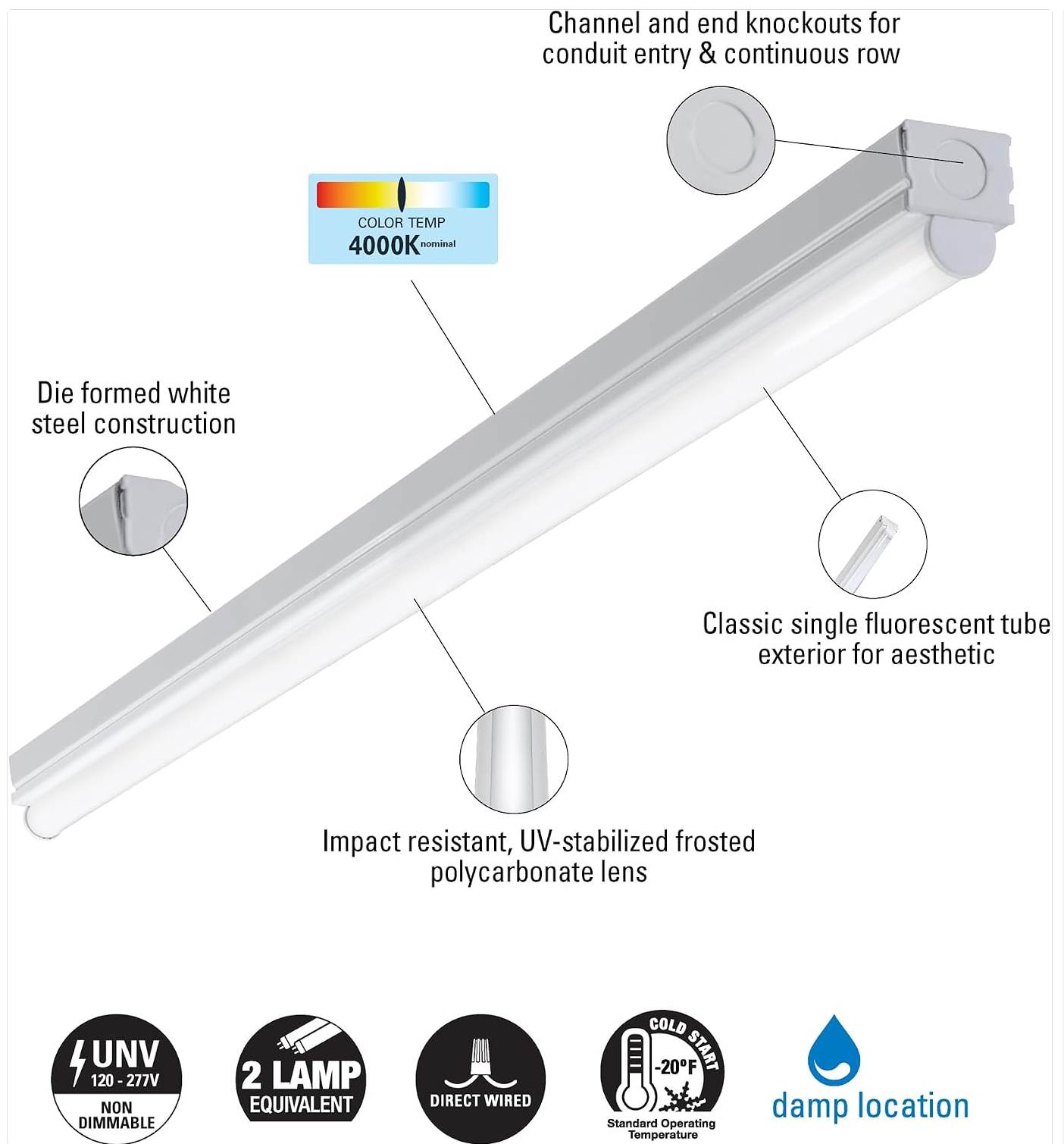


Image 4.2: Key features and construction details of the LED strip light.

5. INSTALLATION INSTRUCTIONS

This fixture can be installed as a surface mount or suspended mount, and can be used in single or continuous row configurations.

5.1 Pre-Installation

1. **Turn off power:** Ensure power is disconnected at the circuit breaker or fuse box before starting.
2. **Inspect:** Check the fixture for any damage. Do not install if damaged.
3. **Gather Tools:** You will need a screwdriver, wire strippers, drill, and appropriate mounting hardware (if not included or for specific applications).

5.2 Mounting the Fixture (Surface Mount)

1. **Position:** Hold the fixture against the mounting surface (ceiling or wall) and mark the desired mounting hole locations.
2. **Drill Holes:** Drill pilot holes at the marked locations. Use appropriate anchors if mounting into drywall or plaster.
3. **Secure Fixture:** Attach the fixture to the mounting surface using screws. Ensure it is securely fastened.

5.3 Wiring Connections

The fixture features tool-free driver access for easy wiring from below.

1. **Access Wiring Compartment:** Locate the wiring compartment on the fixture. The tool-free design allows for easy access without disassembling the entire unit.
2. **Connect Wires:** Connect the building's supply wires to the fixture's wires:
 - Black to Black (Live/Hot)
 - White to White (Neutral)
 - Green or Bare Copper to Green (Ground)

Use appropriate wire nuts to secure connections.

3. **Close Compartment:** Carefully tuck all wires into the wiring compartment and close the cover securely.



Image 5.1: Tool-free driver access for simplified wiring.

Easy Installation!



Tool-less channel cover, integrated LEDs and wireless access from below



Ideal for replacing single or two lamp fluorescent strips



Surface or suspended mount capable



Mount by itself or in continuous row using included aligner

Image 5.2: Visual guide to installation features and applications.

5.4 Continuous Row Mounting

For continuous row installations, use the included aligner bracket to ensure proper spacing and alignment between multiple fixtures. Connect the wiring between fixtures as per local electrical codes.

6. OPERATING INSTRUCTIONS

Once installed and wired correctly, the Metalux LED strip light operates like any standard light fixture. Simply turn on the power at the wall switch or circuit breaker to illuminate the fixture. There are no special operating controls for this model.



Image 6.1: Example of the LED strip light in an operational setting.

7. MAINTENANCE

The Metalux LED strip light is designed for minimal maintenance. The integrated LED light source does not require bulb replacement.

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, damp cloth to wipe the exterior. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on	No power to the fixture	Check circuit breaker or wall switch. Ensure all wiring connections are secure.
Light flickers	Loose wiring connection or incompatible dimmer (if applicable)	Turn off power and check wiring connections. This model is non-dimmable; ensure it is not connected to a dimmer switch.

Problem	Possible Cause	Solution
Reduced light output	Dirt or dust on the lens	Clean the lens with a soft, damp cloth (ensure power is off).

9. WARRANTY AND SUPPORT

This Metalux LED strip light is covered by a **5-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or further assistance, please contact Metalux customer service. Refer to the product packaging or the official Metalux website for current contact information.

Online Resources:

- Visit the official [Metalux Store on Amazon](#) for product information and support.

10. PRODUCT OVERVIEW VIDEO

Watch this video for an overview of Metalux ST Strip Lights, highlighting their features and applications.

Your browser does not support the video tag.

Video 10.1: An informational video showcasing the Metalux ST Strip Lights series, detailing their design, installation flexibility, and various applications in commercial and industrial settings.

11. ABOUT METALUX

Metalux is a brand committed to providing quality lighting solutions. Learn more about the brand's dedication to quality and innovation.

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Video 11.1: A brand introduction video for Metalux Lighting, highlighting their commitment to quality, reliability, and value in their lighting products.

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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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Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

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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