

Metalux 4ST2L4040R

Metalux 4ST2L4040R Non-Dimmable Linear Strip Light User Manual

Model: 4ST2L4040R (ST Series)

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Metalux 4ST2L4040R Non-Dimmable Linear Strip Light. Please read this manual thoroughly before installation and retain it for future reference. This fixture is designed for indoor use and provides efficient LED illumination.

2. SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.
- Do not install this fixture with wet hands or while standing on a wet or damp surface.
- Ensure the fixture is securely mounted to a structurally sound surface capable of supporting its weight.
- This fixture is non-dimmable. Do not attempt to connect it to a dimmer switch, as this may damage the unit or create a fire hazard.
- Do not look directly into the LED light source when illuminated, as this may cause eye strain or damage.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Metalux 4ST2L4040R Non-Dimmable Linear Strip Light Fixture

Note: Mounting hardware (screws, anchors, chains) may be sold separately depending on the specific installation method chosen.

4. SETUP AND INSTALLATION

The Metalux 4ST2L4040R fixture is designed for versatile mounting options including ceiling, chain, surface, or toggle mounting. No assembly is required for the fixture itself.

4.1 Pre-Installation Steps

1. **Turn Off Power:** Locate the circuit breaker or fuse box and turn off the power supply to the area where the fixture will be installed. Verify power is off using a voltage tester.
2. **Unpack Fixture:** Carefully remove the fixture from its packaging. Inspect for any shipping damage.
3. **Select Mounting Location:** Choose a suitable location that can support the fixture's weight and meets local electrical codes.

4.2 Wiring Instructions

1. Ensure power is OFF.
2. Open the wiring compartment on the fixture.
3. Connect the incoming electrical supply wires to the fixture's wires according to the following:
 - Connect the **black** (hot) wire from the supply to the **black** fixture wire.
 - Connect the **white** (neutral) wire from the supply to the **white** fixture wire.
 - Connect the **green** or bare copper (ground) wire from the supply to the **green** or bare copper fixture wire.
4. Secure all connections with approved wire connectors.
5. Carefully tuck all wires into the wiring compartment and close the cover.

4.3 Mounting the Fixture

Follow the specific instructions provided with your chosen mounting hardware (not included with the fixture) for ceiling, chain, surface, or toggle mounting. Ensure the fixture is level and securely fastened.



An angled view of the Metalux 4ST2L4040R linear strip light, showing its white powder-coated housing and two illuminated LED lamps with frosted acrylic lenses.

5. OPERATING INSTRUCTIONS

Once the fixture is securely installed and wired, restore power at the circuit breaker. The Metalux 4ST2L4040R is a non-dimmable fixture. Operation is controlled by a standard wall switch (toggle switch type is compatible) or a compatible remote control system if integrated into your electrical setup.

- **To Turn On:** Flip the connected wall switch to the 'ON' position.
- **To Turn Off:** Flip the connected wall switch to the 'OFF' position.

6. MAINTENANCE

The Metalux 4ST2L4040R LED Linear Strip Light requires minimal maintenance. The integrated LED lamps have an average life of 50,000 hours, meaning no bulb replacement is typically needed for many years.

- **Cleaning:** Ensure power is OFF before cleaning. Use a soft, dry, or slightly damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or acrylic lenses.
- **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.

7. TROUBLESHOOTING

If your Metalux 4ST2L4040R fixture is not operating correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture.	Check the circuit breaker or fuse. Ensure the wall switch is in the 'ON' position.
	Loose or incorrect wiring.	Turn off power at the breaker. Recheck all wiring connections as per Section 4.2.
	Fixture is damaged.	If the above steps do not resolve the issue, contact Metalux customer support.
Light flickers.	Loose wiring connection.	Turn off power at the breaker. Recheck all wiring connections.
	Incompatible dimmer switch.	This fixture is non-dimmable. Ensure it is not connected to a dimmer switch.

If troubleshooting steps do not resolve the issue, contact Metalux customer support for further assistance.

8. SPECIFICATIONS

Brand	Metalux
Model Number	4ST2L4040R (ST Series)
Fixture Type	Non-Dimmable Linear Strip Light
Light Source	Integrated LED Lamp (1 Lamp)
Wattage	39 W Fixture
Voltage	120/277 VAC
Current	0.159/0.33 A
Lumen Output	4433 Lumens
Efficiency	113 Lumens/W
Color Temperature	4000 K (Warm White)
Color Rendering Index (CRI)	84
Average Life	50,000 hours
Lens Material	Dual Frosted Acrylic
Housing Material	Die Formed Steel
Housing Finish	White Powder Coated
Mounting Options	Ceiling, Chain, Surface, Toggle
Dimensions (L x W x H)	48.375 in x 2.5 in x 3.813 in (Fixture) 49.19 x 8.31 x 8.44 inches (Packaged)
Indoor/Outdoor Usage	Indoor
Assembly Required	No (for fixture itself)
Water Resistance Level	Water Resistant

9. WARRANTY AND SUPPORT

Metalux products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official Metalux website. For technical support, replacement parts, or any questions not covered in this manual, please contact Metalux customer service directly. **Contact Information:** Please refer to the product packaging or the official Metalux website for the most current customer support contact details.

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.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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