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› Metalux SLSTP 4 ft. Selectable CCT and Lumen LED Striplight Instruction Manual

Metalux 4SLSTPSLC-UNV

Metalux SLSTP 4 ft. Selectable CCT and Lumen LED Striplight Instruction Manual

Model: 4SLSTPSLC-UNV

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Metalux SLSTP 4 ft. Selectable CCT and Lumen LED Striplight. The SLSTP is a fully integrated LED solution designed for various applications, offering adjustable color temperature (CCT) and lumen output. Please read these instructions thoroughly before proceeding with installation or use.

PRODUCT FEATURES

- **Selectable Lumen Output:** Choose between 2500 (low), 4000 (medium), or 6500 (high) lumens to suit different lighting needs.
- **Selectable Color Temperature (CCT):** Adjust the light color to 3500K (warm white), 4000K (cool white), or 5000K (daylight).
- **Multiple Wattage Options:** Operates at 28, 30, or 46 Watts depending on selected lumen output.
- **High Color Rendering Index (CRI):** Frosted lens provides clean, uniform light at more than 80 CRI.
- **Energy Efficiency:** Achieves up to 135 LPW efficacy.
- **Dimmable:** Compatible with 120-277-Volt, 0-10-Volt dimmers for enhanced energy savings.
- **Versatile Installation:** Designed for quick installation in single or continuous row applications.
- **Broad Application Suitability:** Ideal for commercial, retail, residential, storage/utility areas, shops, warehouses, workshops, and garages.
- **Mounting Options:** Supports surface, suspended, and wall applications.
- **Long Lifespan:** L70 rated for 50,000 hours of life.

SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing. All

wiring must be in accordance with the National Electrical Code (NEC) and local electrical codes.

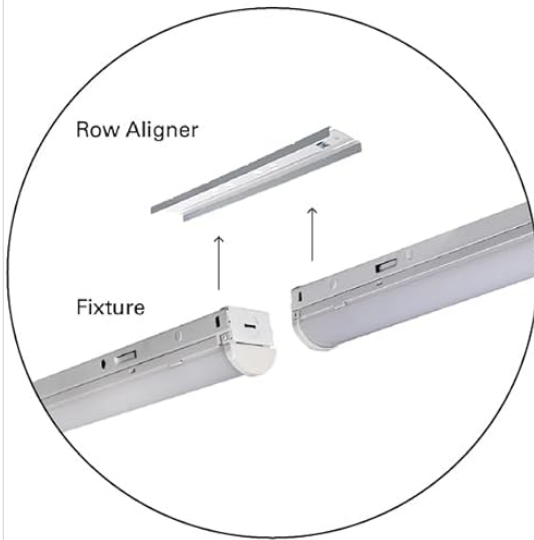
- Ensure the power supply is turned off before beginning any work.
- This product must be installed by a qualified electrician.
- Do not install in locations where the operating temperature exceeds the fixture's rated temperature.
- Do not handle energized fixture with wet hands.
- Verify that the supply voltage is correct by comparing it with the luminaire label information.
- This fixture is suitable for indoor, damp locations.

PACKAGE CONTENTS



The Metalux SLSTP LED Striplight is packaged securely in a cardboard box, indicating its model number and key features like selectable lumens and CCT.

Easy Installation!



Suitable for either single or continuous row applications



J-box Cover and Endcap included



Ideal for warehouse, retail, office or retrofit applications



Surface, suspended or wall mounted capable

Included components typically consist of the LED striplight fixture, a J-box cover, endcaps, and necessary mounting hardware (screws, anchors).

Please check that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact customer support.

SETUP AND INSTALLATION

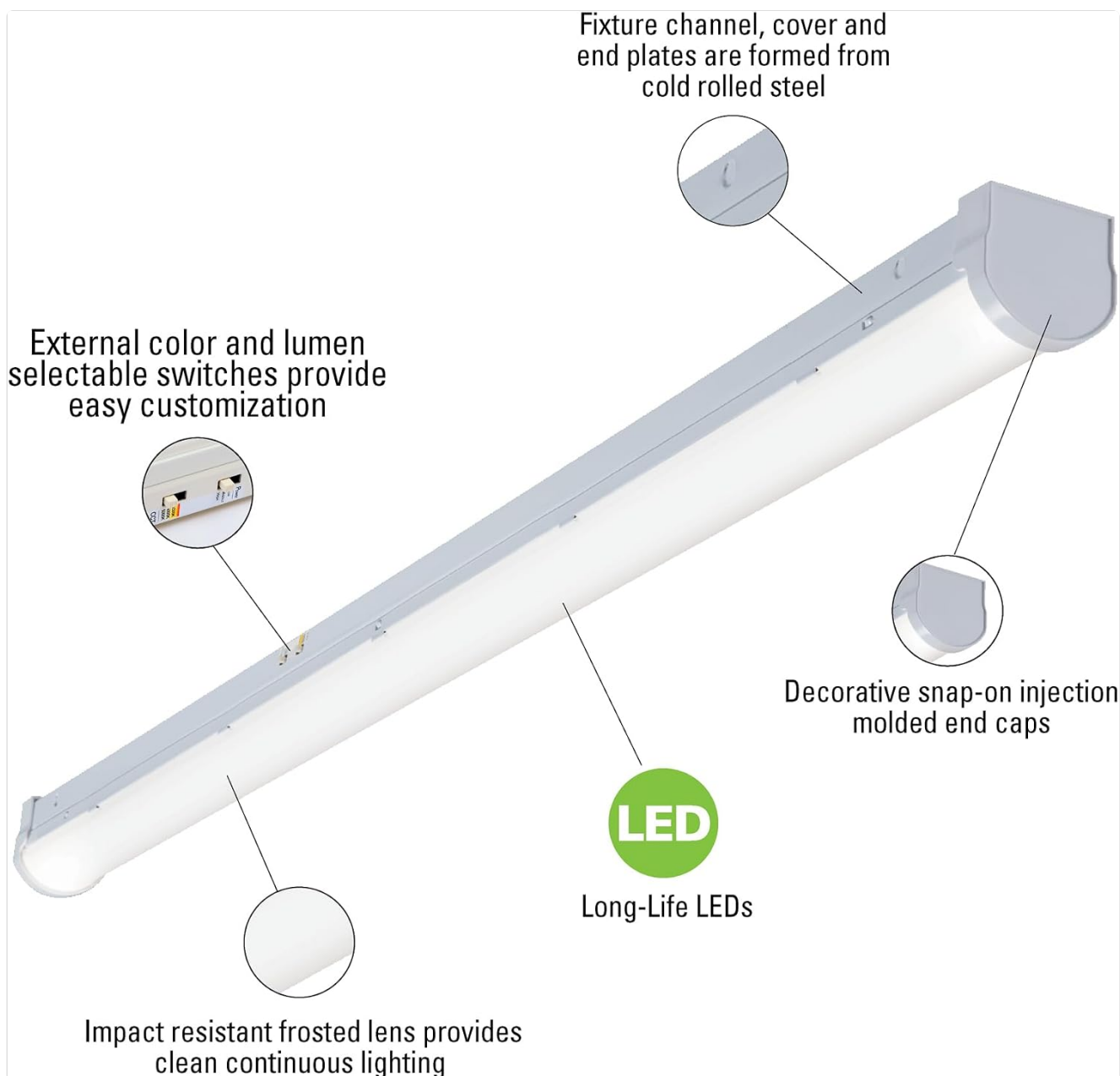
The Metalux SLSTP LED Striplight is designed for quick and flexible installation. It can be surface mounted, suspended, or wall mounted, and is suitable for both single fixture or continuous row applications.

Installation Steps:

1. **Power Disconnection:** Before starting, ensure power to the installation area is completely disconnected at the circuit breaker.
2. **Mounting Preparation:**
 - For surface mounting, mark the desired mounting locations for the fixture.
 - For continuous row applications, use the provided row aligner to ensure proper spacing and alignment between fixtures.
3. **Secure Fixture:** Attach the fixture channel to the mounting surface using appropriate screws and anchors.
4. **Wiring:** Connect the fixture to the electrical supply in accordance with local electrical codes. The fixture supports 120-277V input and 0-10V dimming.
5. **Install Lens and Endcaps:** Once wiring is complete and secure, install the frosted lens and decorative snap-on injection molded end caps.
6. **Power Restoration:** Restore power and test the fixture.



The fixture measures approximately 46 1/2 inches (1181mm) in length, 2 9/16 inches (66mm) in width, and 2 9/16 inches (66mm) in height.



The fixture channel, cover, and end plates are formed from cold-rolled steel, housing long-life LEDs and external selectable switches.

OPERATING INSTRUCTIONS

The Metalux SLSTP features external switches for easy adjustment of lumen output and color temperature (CCT).

Adjusting Lumen Output:



SeleCCTable™ technology puts flexibility at your fingertips. By using the switch located on the housing, you can choose from three lumen outputs: high, medium & low.

Locate the "Power" switch on the housing. This switch allows you to select between Low (2500 lumens), Middle (4000 lumens), and High (6500 lumens) settings.

To change the lumen output, simply slide the switch to your desired setting (Low, Middle, or High). The fixture will adjust its brightness accordingly.

Adjusting Color Temperature (CCT):



SeleCCTable™ technology puts flexibility at your fingertips. By using the switch located on the housing, you can choose from a range of three color temperature outputs: 3500K, 4000K or 5000K.

Locate the "CCT" switch on the housing. This switch allows you to select between 3500K, 4000K, and 5000K.

To change the color temperature, slide the switch to your preferred setting (3500K, 4000K, or 5000K). The light color will change to match your selection.

0-10V Dimming:

This fixture is compatible with commercial 0-10V dimmers. Connect the dimming wires to a compatible 0-10V dimmer switch according to the dimmer's instructions and local electrical codes. This allows for continuous dimming of the light output.

MAINTENANCE

The Metalux SLSTP LED Striplight requires minimal maintenance. Regular cleaning and inspection will ensure optimal performance and longevity.

- **Cleaning:** Ensure power is disconnected before cleaning. Wipe the exterior of the fixture and lens with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or lens.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician for repair.

- **LEDs:** The LEDs are designed for long life and are not user-replaceable.

TROUBLESHOOTING

If you experience issues with your Metalux SLSTP LED Striplight, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; faulty switch.	Check circuit breaker and wall switch. Verify all wiring connections are secure. Consult an electrician if necessary.
Light flickers or dims unexpectedly.	Incompatible dimmer; loose wiring; voltage fluctuations.	Ensure dimmer is 0-10V compatible. Check wiring connections. Consult an electrician to check voltage stability.
Incorrect CCT or Lumen output.	Switches set incorrectly.	Verify the CCT and Power (Lumen) selection switches are set to the desired positions.
Buzzing sound from fixture.	Loose components; electrical interference.	Ensure all mounting screws and internal components are tight. If buzzing persists, consult a qualified electrician.

If the problem persists after attempting these solutions, contact Metalux customer support.

SPECIFICATIONS

Model Number	4SLSTPSLC-UNV
Brand	Metalux
Item Length	4 Feet (48 inches)
Item Dimensions (L x W x H)	48 x 2.75 x 3.18 inches
Item Weight	4 Pounds
Color	White
Material	Stainless Steel
Light Source Type	LED
Lumen Output (Selectable)	2500, 4000, 6500 Lumens
Color Temperature (Selectable)	3500K, 4000K, 5000K
Wattage (Selectable)	28/30/46 Watts
Voltage	120-277 Volts
Dimming	0-10 Volt Dimmable
CRI	>80
Efficacy	Up to 135 LPW

Rated Life	L70 at 50,000 hours
Indoor/Outdoor Usage	Indoor (Damp Location Rated)
Certifications	DLC Listed, UL Certified, FC, RoHS Compliant



The Metalux SLSTP LED Striplight holds several important certifications, including DLC Listed, UL Certified, FC, and RoHS Compliant, ensuring quality and safety standards are met.

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

This video provides a detailed overview of the Metalux SLSTP Selectable Strip, highlighting its features and benefits. (Source: Cooper Lighting)

WARRANTY AND SUPPORT

Warranty: The Metalux SLSTP LED Striplight comes with a 5-year limited manufacturer's warranty. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting, or warranty inquiries, please contact Cooper Lighting Solutions customer support. You can find more information and contact details on the official Metalux website or the [Metalux Store on Amazon](#).