

Lithonia Lighting MNSS L96 ALO4 MVOLT GZN SWW3

Lithonia Lighting MNSS L96 LED Strip Light Instruction Manual

Model: MNSS L96 ALO4 MVOLT GZN SWW3

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lithonia Lighting MNSS L96 LED Strip Light. This 8-foot linear LED ceiling fixture offers adjustable lumens and selectable white light color, making it suitable for various applications including laundry rooms, storage closets, restrooms, garages, and commercial environments. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SAFETY INFORMATION

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

- All wiring connections must be in accordance with local and national electrical codes.
- Ensure the supply voltage is correct by comparing it with the fixture's label information.
- Do not install in areas with explosive atmospheres.
- This fixture is suitable for damp locations and environments up to 95°F (35°C).
- Always wear safety glasses and gloves during installation.
- If you are unsure about the installation process, consult a qualified electrician.

PRODUCT OVERVIEW

The Lithonia Lighting MNSS L96 LED Strip Light is designed for high-efficiency illumination with a sleek, minimalistic profile. Key features include:

- **Configurable LED Lights:** Offers adjustable brightness (6000, 8000, 20000 lumens) and selectable color temperatures (3500K neutral white, 4000K cool white, 5000K daylight).
- **Durable Construction:** Features a high-gloss baked white enamel finish over code-gauge steel housing for lasting performance.
- **Glare-Free Illumination:** A smooth acrylic lens provides even light distribution and minimizes glare.
- **Dimmable:** Standard 0-10V dimming capability for customizable light levels.

- **Versatile Application:** Ideal for various indoor settings, including garages, laundry rooms, closets, and commercial spaces.



Figure 1: Overview of the Lithonia Lighting MNSS L96 LED Strip Light.

MNSS LED Strip Light

Wider single diffuser,
higher lumen outputs
and better efficacy.



CONTRACTOR
SELECT™



Figure 2: Key features of the MNSS LED Strip Light, highlighting its wider diffuser, higher lumen output, and improved efficacy.

MNSS LED Strip Light

8ft



Switchable Color Temperatures

3500K Warm White

4000K Cool White

5000K Daylight

Adjustable Lumen Output

6000

8000

10000



Figure 3: Illustration of the switchable color temperatures and adjustable lumen output settings available on the 8ft MNSS LED Strip Light.

SETUP AND INSTALLATION

Installation of the MNSS LED Strip Light is designed to be straightforward. It can be surface-mounted or suspension-mounted. Continuous row mounting for multiple fixtures is also supported with included bracket hardware.

Tools Required:

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Drill (if mounting to new locations)
- Measuring Tape
- Pencil
- Safety Glasses and Gloves

Mounting Options:

1. **Surface Mounting:**

The fixture can be directly mounted to a ceiling or wall. Use appropriate mounting hardware (not always included, check packaging) for your surface type. The fixture has multiple pre-drilled holes for secure attachment.

2. **Suspension Mounting:**

For suspension mounting, use suitable suspension chains or cables (not included) attached to the fixture's designated mounting points. Ensure the suspension system can safely support the fixture's weight (approximately 10.3 lbs).

3. **Continuous Row Mounting:**

For installations requiring multiple fixtures in a continuous line, use the provided bracket hardware to connect units end-to-end. This creates a seamless line of light. Ensure proper alignment before securing.

Electrical Connection:

1. **Power Disconnection:** Before any electrical work, ensure power is disconnected at the circuit breaker or fuse box.
2. **Access Wiring Compartment:** Carefully remove the diffuser cover and access the wiring compartment. The fixture has three electrical port covers (middle and each end) that can be punched out.
3. **Wire Connections:** Connect the fixture's wires to the building's supply wires according to local and national electrical codes. Typically, this involves connecting the black wire to live, white wire to neutral, and green/bare copper wire to ground. The fixture includes three grounding points along its length.
4. **Secure Connections:** Use appropriate wire connectors (e.g., wire nuts) to secure all electrical connections.
5. **Restore Power:** Once all connections are secure and the wiring compartment is closed, restore power and test the fixture.



MNSS LED Strip Light

8ft Dimensions

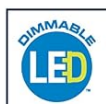
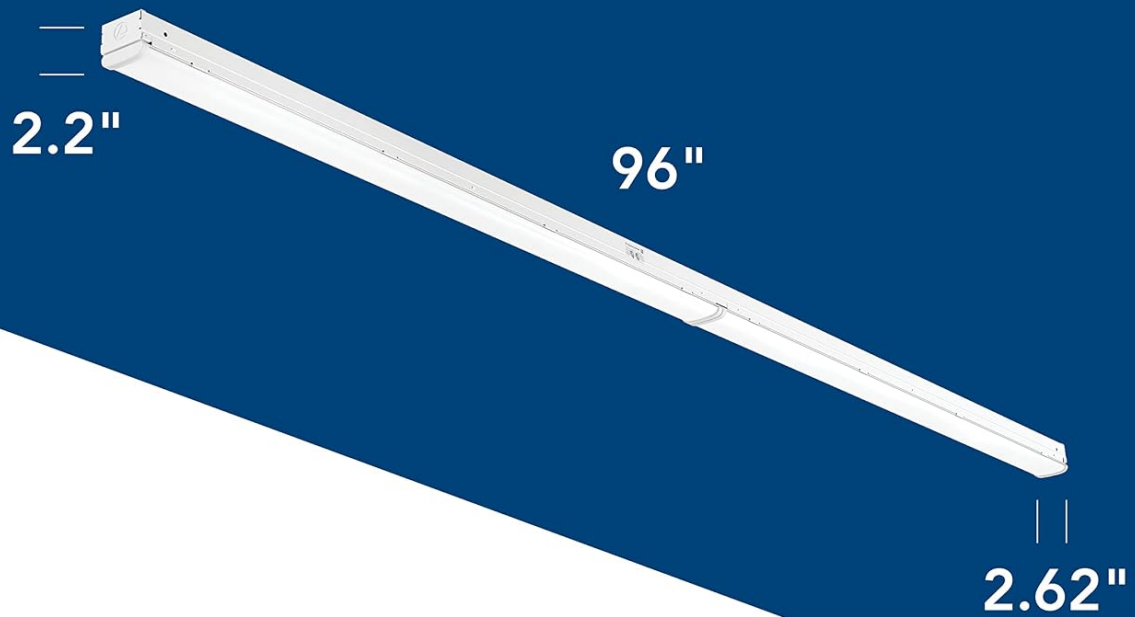


Figure 4: Dimensions of the 8ft MNSS LED Strip Light for planning installation.



Figure 5: Detail of the fixture's end, illustrating the robust housing.

OPERATING INSTRUCTIONS

The MNSS L96 LED Strip Light offers adjustable lumen output and selectable color temperatures to suit various lighting needs.

Adjusting Lumen Output:

The fixture provides three brightness options: 6000 lumens, 8000 lumens, and 20000 lumens. These settings are typically adjusted via a switch located on the fixture itself or through compatible external controls (e.g., motion sensors, smart home devices). Refer to the specific labeling on your fixture for the exact location and method of adjustment.

Selecting White Light Color Temperature:

You can choose between three white light color temperatures: 3500K (neutral white), 4000K (cool white), or 5000K (daylight white). This selection is usually made using a switch on the fixture. Adjust the switch to your desired color temperature before or after installation, depending on accessibility.

Dimming Functionality:

This fixture supports standard 0-10V dimming. To utilize the dimming feature, connect the fixture to a compatible 0-10V dimmer switch (sold separately). Follow the dimmer switch manufacturer's instructions for wiring and operation.

MAINTENANCE

The Lithonia Lighting MNSS L96 LED Strip Light requires minimal maintenance. Regular cleaning will help maintain its performance and appearance.

- **Cleaning:** Ensure the 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 lens.
- **Lens Care:** The acrylic lens provides even illumination. Keep it free from dust and debris to ensure optimal light output.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and address them promptly.

TROUBLESHOOTING

If you encounter issues with your LED strip light, 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/fuse. Ensure all wiring connections are secure. Test the switch.
Light flickers or dims unexpectedly.	Incompatible dimmer; Loose wiring; Voltage fluctuations.	Ensure dimmer is 0-10V compatible. Check wiring connections. Consult an electrician for voltage issues.
Incorrect color temperature or lumen output.	Settings switches are incorrectly set.	Adjust the color temperature and lumen output switches on the fixture to the desired settings.
Light is not as bright as expected.	Lumen output setting is too low; Dirty lens.	Increase the lumen output setting. Clean the acrylic lens.

If these steps do not resolve the issue, contact customer support or a qualified electrician.

SPECIFICATIONS

Feature	Detail
Brand	Lithonia Lighting
Model Name	MNSS L96 ALO4 MVOLT GZN SWW3
Product Dimensions	96"L x 2.62"W x 2.22"H
Material	Alloy Steel
Finish	White (High-gloss baked enamel)
Light Source Type	LED
Color Temperature	Selectable: 3500K (Neutral White), 4000K (Cool White), 5000K (Daylight White)
Lumen Output	Adjustable: 6000, 8000, 20000 lumens
Wattage	88 watts
Voltage	MVOLT (120-277 Volts)
Dimming	Standard 0-10V Dimmable
Installation Type	Semi Flush Mount (Surface or Suspension)
Indoor/Outdoor Usage	Indoor, suitable for damp locations
Operating Temperature	Up to 95°F (35°C)
Rated Lifespan	Up to 80,000 hours
Certifications	CSA listed for US/Canada
Item Weight	10.3 Pounds
UPC	194994962458

WARRANTY AND SUPPORT

This Lithonia Lighting MNSS L96 LED Strip Light is backed by a **5-year limited manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical assistance, or further inquiries, please contact Lithonia Lighting customer support. Refer to the product packaging or the official Lithonia Lighting website for the most current contact information.

Online Resources: For additional product information, installation guides, and FAQs, visit the official Lithonia Lighting website.

APPLICATION EXAMPLES

The versatility of the MNSS L96 LED Strip Light makes it suitable for a wide range of environments:



Figure 6: Example of the LED strip light providing bright, even illumination in a storage facility.



Figure 7: The fixture provides ample light for task-oriented spaces like laundry rooms.

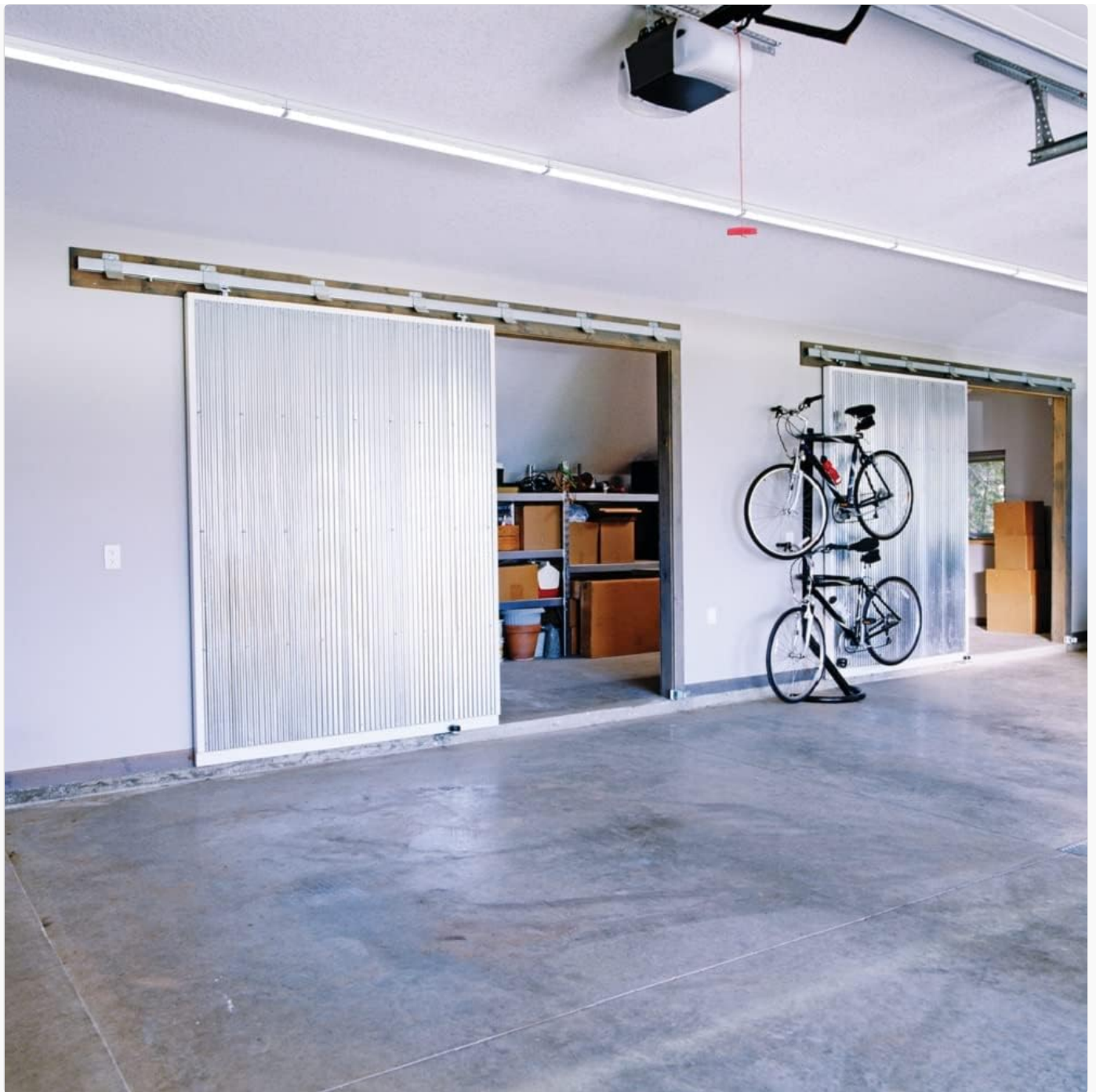


Figure 8: Effective lighting solution for garages, enhancing visibility and safety.

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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.

Name

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 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