

Nuvo 45923653599

Nuvo Lighting 45923653599 2ft Linear Strip Light

USER MANUAL

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1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Nuvo Lighting 45923653599 2ft LED Linear Strip Light. This fixture features an integrated emergency battery backup and sensor, offering versatile lighting solutions with selectable color temperatures (CCT) and 0-10V dimming capabilities. Please read this manual thoroughly before installation and retain it for future reference.

2. Important Safety Instructions

WARNING: Risk of electric shock. Disconnect power before installation or servicing.

- Always turn off the main power supply at the circuit breaker before beginning any electrical work.
- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture's requirements (100-277V).
- Do not install in locations where the operating temperature exceeds -20°C to 40°C.
- This fixture is suitable for damp locations.
- Do not modify the fixture or use it for purposes other than its intended use.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. Package Contents

Verify that all components are present and undamaged upon opening the package. If any parts are missing or damaged, contact your supplier immediately.

- 1 x Nuvo Lighting 45923653599 2ft LED Linear Strip Fixture
- 1 x Instruction Manual
- Mounting Hardware (e.g., screws, anchors)
- Part Number: 65-698

4. Specifications

Brand	Nuvo
Model Name	45923653599
Product Dimensions (L x W x H)	23.97" x 2.95" x 3.26" (609mm x 75mm x 83mm)

Item Weight	1.79 pounds
Wattage	20 Watts
Voltage	100-277V
Light Source Type	LED
Finish Type	White
Material	Metal
Special Features	Integrated Emergency Battery Backup & Sensor, Heavy Duty
Safety Rating	Damp Location, cETLus Listed
Operating Temperature	-20°C to 40°C
Lumen Output	2755-2850 Lumens
CCT Selectable	3500K / 4000K / 5000K
Dimming	0-10V Dimming
Emergency Mode (EM)	4W / 90 minutes run time
Lifetime	50,000 hours

5. Setup and Installation

5.1 Before You Begin

- Read all instructions carefully.
- Ensure power is disconnected at the circuit breaker before installation.
- Prepare necessary tools: screwdriver, wire strippers, drill, measuring tape.

5.2 Mounting the Fixture

The fixture offers multiple mounting options. Choose the most suitable method for your application (e.g., surface mount). Refer to the product dimensions for planning.



Image 1: Product dimensions of the Nuvo Lighting 45923653599 2ft LED Linear Strip Light. The fixture measures 23.97 inches in length, 2.95 inches in width, and 3.26 inches in height.

1. Mark the desired mounting locations on the ceiling or wall, ensuring they align with the fixture's mounting holes.
2. Drill pilot holes if necessary and install appropriate mounting hardware (screws, anchors).
3. Secure the fixture to the mounting surface.

5.3 Wiring Instructions

Ensure all wiring connections are secure and comply with local electrical codes.

1. Connect the incoming AC power wires to the fixture's input wires: Black to Line (L), White to Neutral (N), and Green/Bare Copper to

Ground (G).

2. If utilizing 0-10V dimming, connect the purple wire to the dimmer's positive (+) output and the gray wire to the dimmer's negative (-) output. Cap unused dimming wires if not using a dimmer.
3. Ensure all connections are insulated with wire nuts or appropriate connectors.



Image 2: The Nuvo Lighting 45923653599 2ft LED Linear Strip Light, showcasing its sleek white finish and integrated design.

6. Operating Instructions

6.1 Power On

Once installation is complete and all connections are secure, restore power at the circuit breaker. The fixture should illuminate.

6.2 Color Temperature (CCT) Selection

This fixture features a CCT selectable switch, allowing you to choose between 3500K (Warm White), 4000K (Cool White), and 5000K (Daylight). The switch is typically located on the side or end of the fixture. Adjust the switch to your desired color temperature before or after installation.



Image 3: Packaging detail showing features and specifications, including CCT selectable options and emergency battery backup details.

6.3 Emergency Mode (EM) Operation

The integrated emergency battery backup provides illumination during power outages. In EM mode, the fixture will operate at 4W for a minimum of 90 minutes. The emergency function is automatic and activates when normal power is interrupted.

6.4 Sensor Functionality

The integrated sensor detects motion and/or ambient light, allowing for automatic on/off or dimming functionality. Refer to the specific sensor settings (if adjustable) for configuration. This feature helps conserve energy by ensuring the light is only on when needed.

6.5 Dimming

The fixture supports 0-10V dimming. Connect to a compatible 0-10V dimmer switch (sold separately) to adjust the light output from 100% down to 10% or lower, depending on the dimmer's capabilities.

7. Maintenance

The Nuvo Lighting 45923653599 LED Linear Strip Light requires minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Battery Testing:** Regularly test the emergency battery backup system as per local codes and manufacturer recommendations. This typically involves pressing a test button on the fixture to simulate a power outage and verify emergency illumination.

8. Troubleshooting

If you experience issues with your fixture, consult the table below for common problems and solutions.

Problem	Possible Cause	Solution
Fixture does not light up	No power supply Loose wiring connection Faulty fixture	Check circuit breaker and wall switch. Verify all wiring connections are secure. Contact customer support if power is confirmed and wiring is correct.
Light flickers	Incorrect dimmer type Loose wiring Voltage fluctuations	Ensure a compatible 0-10V dimmer is used. Check wiring connections. Consult an electrician to check power supply.
Emergency mode not working	Battery not charged Battery fault Emergency circuit fault	Allow fixture to charge for 24 hours after installation. Perform battery test. If issue persists, contact customer support.
Sensor not detecting motion	Sensor obstructed Incorrect sensitivity settings Sensor fault	Ensure clear line of sight for the sensor. Adjust sensor sensitivity settings if available. Contact customer support.

9. Warranty Information

This Nuvo Lighting fixture is covered by a **5-year limited manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications. For warranty claims, please retain your proof of purchase and contact customer support.

10. Customer Support

For further assistance, technical support, or to inquire about replacement parts, please visit the Nuvo Lighting store or contact their customer service department.

Nuvo Lighting Store: [Visit the Nuvo Store on Amazon](#)

Manufacturer: Nuvo Lighting

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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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