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- › [Lithonia Lighting](#) /
- › [Lithonia Lighting FMLWL 24 840 2-Foot LED Wraparound Flush Mount Ceiling Light Instruction Manual](#)

Lithonia Lighting FMLWL 24 840

Lithonia Lighting FMLWL 24 840 2-Foot LED Wraparound Flush Mount Ceiling Light Instruction Manual

Brand: Lithonia Lighting | Model: FMLWL 24 840

INTRODUCTION

The Lithonia Lighting FMLWL LED linear wraparound fixture is designed to provide bright, even illumination. This low-maintenance fixture delivers 1,200 lumens of 4000K cool white light with a long-lasting LED engine, ensuring up to 50,000 hours of energy-efficient performance. Its durable construction features a sturdy metal housing with decorative plastic end caps and a white polycarbonate diffuser that distributes light evenly while reducing glare. This fixture is suitable for various indoor applications including hallways, offices, closets, utility areas, bathrooms, and kitchens.

This version is non-dimming.

SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

- Read all instructions before installation.
- Ensure the supply voltage is correct (120V).
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Suitable for damp locations.

PACKAGE CONTENTS

Verify that all parts are included before beginning installation.

- Lithonia Lighting FMLWL LED Wraparound Fixture (Model FMLWL 24 840)
- Instruction Manual
- Mounting Hardware (screws, wire nuts)

SPECIFICATIONS

Feature	Specification
Brand	Lithonia Lighting
Model Number	FMLWL 24 840
Size	24-Inch (24.45"L x 5.48"W x 2.5"H)
Color Temperature	4000K Cool White
Brightness	1200 Lumens (rated for 70% output for 50,000 hours)
Voltage	120 Volts
Wattage	12 watts
Material	Alloy Steel, Polycarbonate Shade
Installation Type	Flush Mount (Ceiling or Wall)
Indoor/Outdoor Usage	Indoor (Damp Location Rated)
Special Features	Easy to Install, Non-dimming
Certifications	UL and CSA listed, DLC

INSTALLATION

This fixture is designed for easy surface-mount installation on ceilings or walls. Always ensure power is disconnected before starting installation.

Installation Steps:

- 1. Prepare the Fixture:** Remove fixture components and parts pack. Check that all parts are included. Carefully remove the diffuser from the housing.
- 2. Access Wiring:** Remove the wireway cover by removing two screws securing the cover to the fixture housing. Locate the black supply wire, the white neutral wire, and the green grounding wire. Push all three wires out the back of the fixture through the coined hole.
- 3. Grounding:** Hold the fixture housing firmly and connect the green ground wire from the fixture to the bare copper ground wire from the junction box using a wirenut.
- 4. Electrical Connections:** Use wirenuts to connect the black fixture wire to the black supply wire and the white (neutral) fixture wire to the white supply wire.
- 5. Mounting:** Align keyholes on the back of the fixture housing with screws previously installed in the junction box. Lift the fixture up, rotate clockwise, and tighten screws to secure the housing assembly against the ceiling.
- 6. Reassemble:** Starting at one end of the housing, insert the diffuser slot onto the edge of the housing. Carefully squeeze the diffuser to engage the opposite side with the housing. Continue this action down the length of the diffuser until fully installed onto the housing.

Visual Aid:

Your browser does not support the video tag.

Video Description: This video provides a detailed product overview and installation guide for the FMLWL LED Wraparound Light. It visually demonstrates how to disassemble the fixture, connect the wiring, mount it to the ceiling, and reattach the diffuser, including

steps for selecting color temperature and lumen output.

Product Images:



The Lithonia Lighting FMLWL 24 840 LED Wraparound Fixture, showcasing its low-profile design and cool white light output.



An image detailing the dimensions of the FMLWL 24 840 fixture: 24.5 inches long, 5.5 inches wide, and 2.6 inches high.



An image highlighting key features of the FMLWL LED Wraparound, including easy installation, affordability, and a 5-year limited warranty.



The FMLWL LED fixture installed in a modern laundry room, demonstrating its utility lighting application.



The FMLWL LED fixture installed in a garage, providing bright and even illumination for a workspace.

OPERATING INSTRUCTIONS

The Lithonia Lighting FMLWL 24 840 is a non-dimmable fixture. It operates by a standard wall switch connected to the electrical circuit. Simply toggle the wall switch to turn the light fixture ON or OFF.

MAINTENANCE

This LED fixture is designed for low maintenance. To ensure optimal performance and appearance:

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or diffuser.
- **LED Engine:** The integrated LED engine is designed for long life and does not require bulb replacement.

TROUBLESHOOTING

If the fixture does not operate correctly, refer to the following:

- **No Light:**
 - Check that power is supplied to the fixture at the circuit breaker.
 - Ensure all wire connections are secure.
- **Flickering Light:**
 - Verify that the fixture is not connected to a dimmer switch, as this model is non-dimmable.
 - Check for loose wiring connections.

If issues persist, consult a qualified electrician.

WARRANTY AND SUPPORT

This Lithonia Lighting FMLWL LED fixture is backed by a **5-year limited warranty**. For warranty claims or technical support, please refer to the contact information provided with your purchase documentation or visit the official Lithonia Lighting website.

