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› WareLight 2 FT LED Linear Fixture G2 Instruction Manual

WareLight BEAMLED2-20W-4CT-DMV-WH-G2

WareLight 2 FT LED Linear Fixture G2 Instruction Manual

Model: BEAMLED2-20W-4CT-DMV-WH-G2

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of the WareLight 2 FT LED Linear Fixture G2. This fixture is designed for commercial, retail, or educational spaces, offering energy efficiency and reliable performance. Please read this manual thoroughly before installation and retain it for future reference.



Image 1: WareLight 2 FT LED Linear Fixture G2. A white, rectangular LED light fixture, viewed from a slight angle, showing its sleek design and illuminated surface.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts, abrasions, and

other hazards, please read all warnings and instructions included with and on the fixture box and all fixture labels.

- Installation must be performed by a qualified electrician in accordance with the National Electrical Code and local codes.
- Turn off power at the circuit breaker before installation or servicing.
- Ensure the supply voltage is compatible with the fixture's requirements (120-277V).
- Do not handle energized fixtures with wet hands.
- Do not install near combustible materials.
- Ensure the fixture is securely mounted to a structurally sound surface.
- Wear safety glasses and gloves during installation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- WareLight 2 FT LED Linear Fixture G2
- Mounting hardware (specific to chosen mounting method, may be sold separately)
- Instruction Manual

4. SETUP AND INSTALLATION

4.1 Before You Begin

- Turn off electrical power at the fuse or circuit breaker box before wiring the fixture.
- Consult a qualified electrician if you are not familiar with electrical wiring.
- Review local electrical codes and requirements.

4.2 Mounting Options

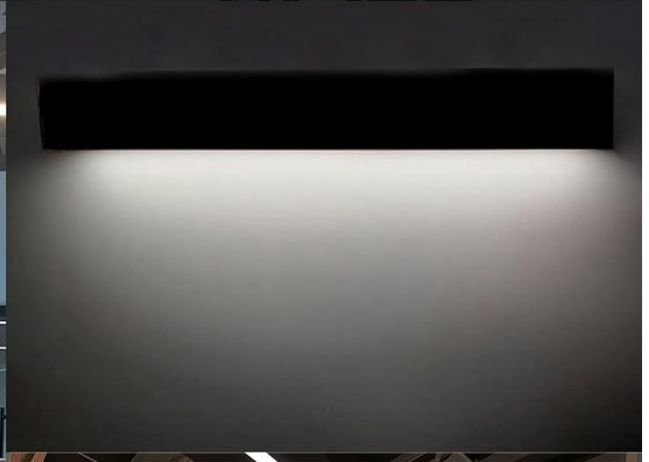
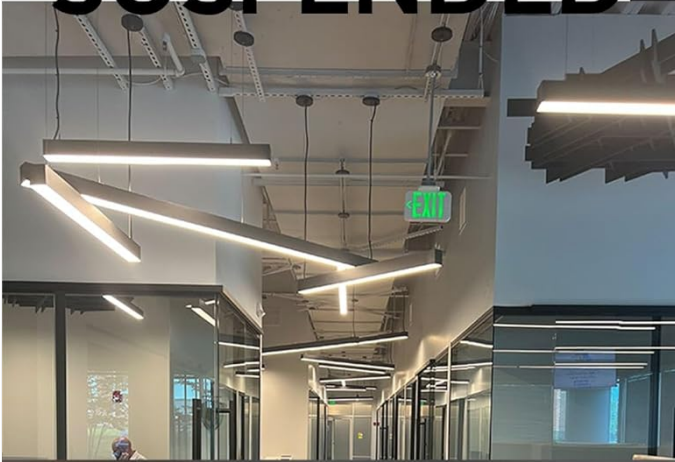
The WareLight Linear Fixture G2 supports multiple mounting configurations:

- **Suspended:** Fixture hangs from the ceiling using cables or chains.
- **Wall Mount:** Fixture is directly attached to a wall surface.
- **Surface Mount:** Fixture is directly attached to a ceiling surface.
- **Recessed:** Fixture is installed within a ceiling cavity.

Multiple Mount Options

SUSPENDED

WALL



SURFACE

RECESSED

Image 2: Multiple Mount Options. A collage showing four different installation methods for linear LED fixtures: suspended from the ceiling, mounted directly on a wall, surface-mounted on a ceiling, and recessed into a ceiling.

4.3 Dimensions

Refer to the diagram below for fixture dimensions to ensure proper fit and spacing.

DIMENSIONS

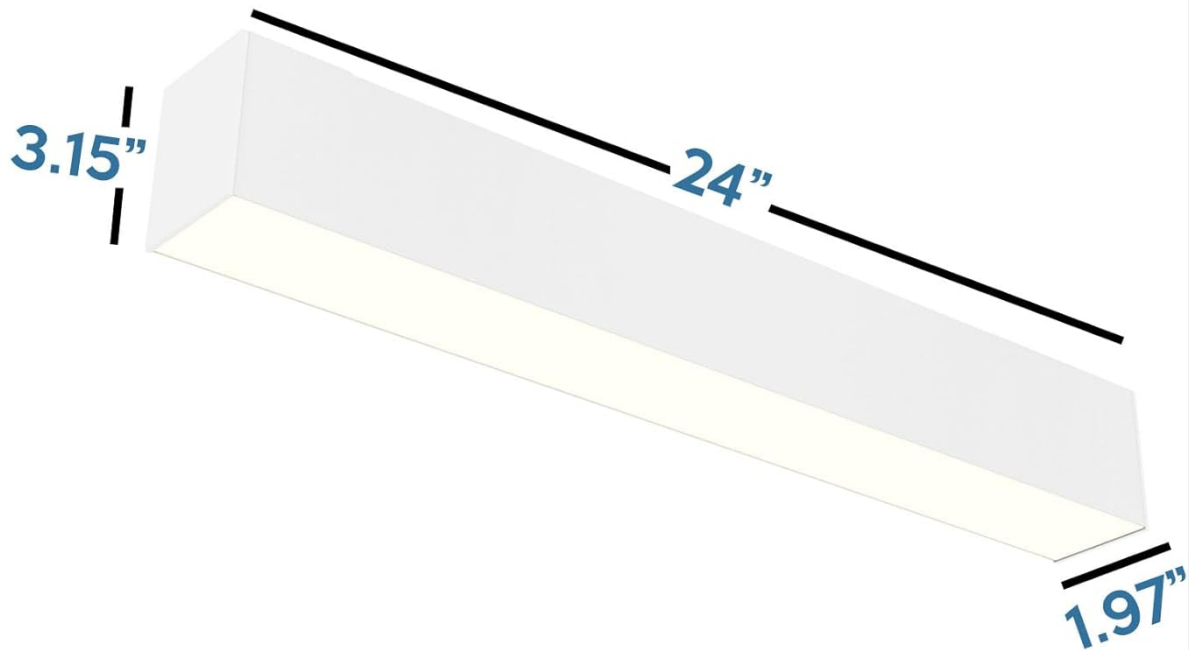


Image 3: Fixture Dimensions. A diagram illustrating the dimensions of the 2 FT linear fixture: approximately 24 inches long, 3.15 inches high, and 1.97 inches wide.

4.4 Wiring Instructions

Follow these general wiring steps. Specific details may vary based on mounting type and local codes.

1. Ensure power is OFF at the circuit breaker.
2. Connect the fixture's black wire (Line) to the building's black (hot) wire.
3. Connect the fixture's white wire (Neutral) to the building's white (neutral) wire.
4. Connect the fixture's green or bare copper wire (Ground) to the building's green or bare copper (ground) wire.
5. For dimming functionality, connect the purple wire to the 0-10V dimmer's positive (+) output and the gray wire to the 0-10V dimmer's negative (-) output. If not using dimming, cap these wires individually.
6. Secure all wire connections with appropriate wire connectors.
7. Carefully tuck all wires into the junction box.

5. OPERATING INSTRUCTIONS

5.1 Powering On

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

5.2 CCT Selectable Function

This fixture features CCT (Correlated Color Temperature) selectable functionality, allowing you to choose from various color temperatures to suit your environment. The available options are 3000K (Warm White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight White). The selection switch is typically located on the fixture housing. Adjust the switch to your desired color temperature before final installation or during maintenance if accessible.



Image 4: CCT Selectable Functionality. A visual representation showing a linear fixture emitting light at different color temperatures, ranging from warm white (left) to cool daylight (right).

5.3 Dimming Function

The fixture is dimmable with a compatible 0-10V dimmer switch. Connect the dimming wires as described in the wiring instructions (Section 4.4). Use the dimmer switch to adjust the light output from 0% to 100%.

6. MAINTENANCE

The WareLight LED Linear Fixture G2 requires minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the exterior of the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.
- **LED Lifespan:** LEDs have a long operational life and do not require bulb replacement.

7. TROUBLESHOOTING

If the fixture does not operate correctly, refer to the following table for common issues and solutions:

Problem	Possible Cause	Solution
Fixture does not light up	No power supply; Loose wiring; Faulty fixture	Check circuit breaker; Verify all wire connections; Contact customer support if issue persists.
Light flickers	Loose wiring; Incompatible dimmer; Voltage fluctuations	Check wiring connections; Ensure dimmer is 0-10V compatible; Consult electrician for voltage issues.
Dimming not working	Incorrect dimmer wiring; Incompatible dimmer	Verify dimming wire connections (purple/gray); Ensure 0-10V dimmer is used.

8. PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	BEAMLED2-20W-4CT-DMV-WH-G2
Wattage	20W
CCT Selectable	3000K / 3500K / 4000K / 5000K
Lumens	2,000Lm - 2,200Lm
Voltage	120-277V (AC)
Dimming	0-10V Dimmable
Material	Aluminum
Color	White
Product Dimensions	23.9"L x 2.76"W x 3.35"H
Item Weight	4.18 pounds
Indoor/Outdoor Usage	Indoor use only
Listings	cULus, DLC, Damp Location Listed

Feature	Specification
UPC	850043132653

9. WARRANTY AND CUSTOMER SUPPORT

The WareLight 2 FT LED Linear Fixture G2 is covered by a **5-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by improper installation, misuse, abuse, or acts of nature.

For technical assistance, warranty claims, or to report missing parts, please contact WareLight customer support. Please have your model number and purchase date available when contacting support.

WareLight Customer Support:

Website: [Visit the WareLight Store on Amazon](#) (for general inquiries and product information)