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Lithonia Lighting FMVCCLS 12IN MVOLT 30K35K40K 90CRI BN M6

Lithonia Lighting FMVCCLS 12-Inch LED Vanity Fixture Instruction Manual

Brand: Lithonia Lighting | **Model:** FMVCCLS 12IN MVOLT 30K35K40K 90CRI BN M6

1. PRODUCT OVERVIEW

The Lithonia Lighting FMVCCLS 12-inch LED Vanity Fixture is designed to provide efficient and high-quality illumination for bath and powder rooms. This fixture features integrated LED technology and a switchable white color temperature function, allowing adjustment to 3000K, 3500K, or 4000K during installation. Its contemporary cylinder design with a brushed nickel finish offers a modern aesthetic.



Figure 1: Lithonia Lighting FMVCCLS 12-inch LED Vanity Fixture.

Key Features:

- **Switchable White Color Temperature:** Adjusts to 3000K (Warm White), 3500K (Neutral White), or 4000K (Cool White) via an integral switch.
- **Integrated LED:** Provides 800 Lumens at 3000K, 870 Lumens at 3500K, and 880 Lumens at 4000K, with a 90 CRI for accurate color rendering.
- **Long Lifespan:** Offers approximately 50,000 hours of maintenance-free operation.
- **Durable Construction:** Features an acrylic diffuser and a brushed nickel housing.
- **Versatile Mounting:** Can be installed on ceilings or walls, in vertical or horizontal orientations.

Official Product Video:



Video 1: Overview of the Lithonia Lighting LED Vanity Collection, showcasing various models and features.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing. All wiring connections must be in accordance with local and national electrical codes.

- Read all instructions carefully before installation.

- Ensure the electrical supply is turned off at the main circuit breaker or fuse box before beginning installation.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not install near combustible materials.
- This fixture is intended for indoor use only.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LED Vanity Fixture (1)
- Mounting Bracket (1)
- Wire Nuts (3)
- Mounting Screws (2)
- Instruction Manual (1)

4. INSTALLATION INSTRUCTIONS

This fixture can be mounted on a wall or ceiling, in either a vertical or horizontal orientation.

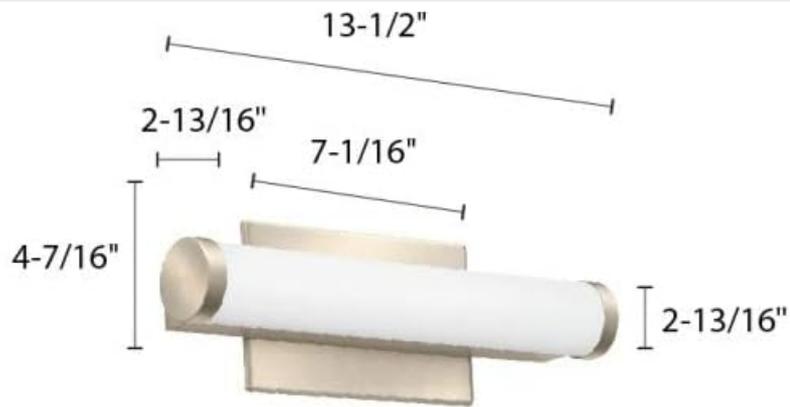
1. **Prepare for Installation:** Turn off power at the circuit breaker.
2. **Remove Old Fixture (if applicable):** Carefully disconnect and remove the existing fixture.
3. **Attach Mounting Bracket:** Secure the mounting bracket to the junction box using the provided screws. Ensure it is firmly attached.
4. **Select Color Temperature:** Before final mounting, locate the color temperature switch inside the fixture. Select your desired color temperature (3000K, 3500K, or 4000K). This setting cannot be changed easily after installation.
5. **Wire Connections:** Connect the fixture's wires to the junction box wires:
 - Connect the black wire from the fixture to the black (hot) wire from the junction box.
 - Connect the white wire from the fixture to the white (neutral) wire from the junction box.
 - Connect the green or bare copper ground wire from the fixture to the ground wire from the junction box.
 - Secure all connections with wire nuts.
6. **Mount the Fixture:** Carefully align the fixture with the mounting bracket and secure it in place.
7. **Restore Power:** Turn on power at the circuit breaker.

Dimensions and Mounting Options:



Figure 2: Product dimensions for installation planning.

The fixture measures approximately 12 inches in length, 12 inches in width, and 12 inches in height (Note: The product dimensions provided in the specifications are generic. Refer to Figure 2 for specific measurements). It can be installed with or without a backplate, depending on your aesthetic preference and electrical box configuration.



ADA

Figure 3: Example of horizontal installation above a mirror.

5. OPERATING INSTRUCTIONS

Once installed and power is restored, the fixture will illuminate at the pre-selected color temperature. There are no external controls for color temperature adjustment after installation; any changes require accessing the internal switch (refer to Installation Step 4).

The fixture is designed for simple on/off operation via a standard wall switch (not included).

6. 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 these may damage the finish or acrylic diffuser.
- **LEDs:** The integrated LEDs are designed for long-term use and do not require replacement.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fixture does not light up.	No power to the fixture. Loose wiring connection. Faulty wall switch.	Check circuit breaker or fuse. Verify all wire connections are secure (ensure power is off first). Test or replace the wall switch.
Light is too bright or not the desired color.	Color temperature switch set incorrectly.	Turn off power, access the internal color temperature switch, and adjust to the desired setting (refer to Installation Step 4).
Light flickers.	Loose wiring. Incompatible dimmer switch (if applicable).	Check all wire connections (ensure power is off first). This fixture is not explicitly stated as dimmable. If a dimmer is used, ensure it is compatible with LED fixtures. If flickering persists, remove the dimmer and use a standard on/off switch.

8. SPECIFICATIONS

Feature	Detail
Brand	Lithonia Lighting
Model Name	FMVCCLS 12IN MVOLT 30K35K40K 90CRI BN M6
ASIN	B07P6TDH67
Color Temperature	Switchable (3000K, 3500K, 4000K)
Material	Plastic (Acrylic diffuser), Brushed Nickel housing
Style	Cylinder
Light Source Type	LED
Brightness	Up to 880 Lumens (at 4000K)
CRI	90
Wattage	18 watts
Voltage	277 Volts (MVOLT implies multi-voltage, typically 120-277V)
Product Dimensions	12"L x 12"W x 12"H (Note: Actual fixture length is 12 inches, other dimensions are likely packaging or general category)
Item Weight	1.5 Pounds
Installation Type	Ceiling Mount, Wall Mount
Indoor/Outdoor Usage	Indoor
Special Feature	Color Temperature Switchable
Specification Met	ENERGY STAR®, ADA

9. WARRANTY & SUPPORT

Warranty: This Lithonia Lighting fixture comes with a 5-year limited warranty. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the manufacturer's official website.

Customer Support: If you encounter any issues or have questions regarding the installation, operation, or maintenance of your fixture, please contact Lithonia Lighting customer service. Contact information can typically be found on the product packaging or the official Lithonia Lighting website.