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WAC Lighting WS-224-CS-WT

WAC Lighting Flo LED Vanity Light & Flush Mount

Model: WS-224-CS-WT

1. INTRODUCTION

The WAC Lighting Flo LED Vanity Light & Flush Mount is designed to provide uniform, diffused lighting for various indoor settings. Its clean, modern appearance integrates seamlessly into bathrooms, foyers, corridors, kitchens, and other commercial or residential spaces. This fixture features integrated, energy-efficient LEDs and an on-board 5-CCT selectable switch, allowing you to choose from five different color temperatures to suit your environment.

This manual provides essential information for the safe installation, operation, and maintenance of your Flo LED fixture. Please read all instructions carefully before beginning installation.

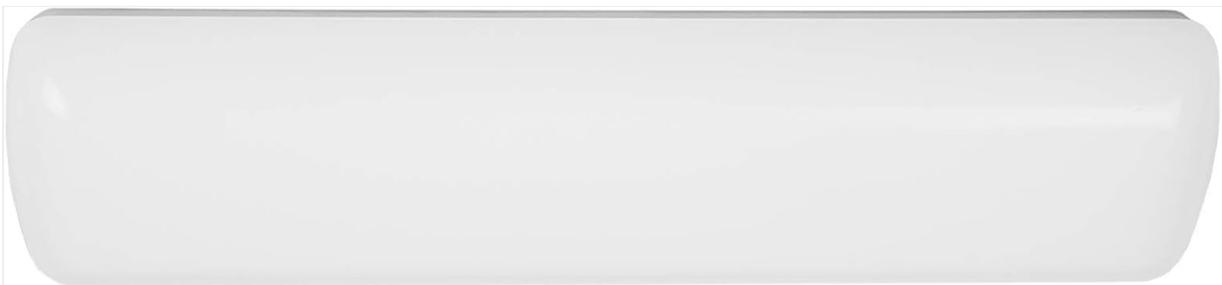


Image: The WAC Lighting Flo 24-inch LED Vanity Light and Flush Mount fixture, shown in white.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse box or circuit breaker before installation or servicing. All electrical connections must be in accordance with local and National Electrical Code (NEC) standards.

- Ensure the supply voltage is correct (120V-240V-277V) as indicated on the fixture label.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Handle the fixture with care to prevent damage.
- This product is suitable for damp locations.
- Consult a qualified electrician if you are unsure about any part of the installation process.

This fixture is designed for indoor use only.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Flo LED Fixture (1)
- Mounting Hardware (screws, wire nuts, etc.)
- Installation Instructions (this manual)

4. SETUP AND INSTALLATION

Follow these steps to install your Flo LED Vanity Light & Flush Mount:

1. **Turn Off Power:** Before starting, ensure the power to the installation area is turned off at the circuit breaker or fuse box.
2. **Prepare Mounting Surface:** This fixture can be surface mounted on a ceiling or wall. Ensure the mounting surface is clean, dry, and structurally sound.
3. **Attach Mounting Bracket:** Secure the fixture's mounting bracket to the junction box or directly to the wall/ceiling using the provided mounting hardware. Ensure it is firmly attached.
4. **Make Electrical Connections:** Connect the fixture's wires to the corresponding household wires using the provided wire nuts. Connect the black fixture wire to the black (hot) supply wire, the white fixture wire to the white (neutral) supply wire, and the green or bare copper fixture wire to the green or bare copper (ground) supply wire. Ensure all connections are secure.



Image: Rear view of the Flo fixture showing the internal wiring compartment and mounting points.

5. **Secure Fixture:** Carefully tuck all wires into the junction box. Align the fixture with the mounting bracket and secure it in place using the provided screws.
6. **Select Color Temperature (Optional, can be done before or after installation):** The 5-CCT selectable switch is located inside the fixture, accessible by removing the twist-lock diffuser. Choose your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) before reattaching the diffuser.
7. **Reattach Diffuser:** Twist and lock the acrylic diffuser back onto the fixture.
8. **Restore Power:** Once installation is complete, turn the power back on at the circuit breaker or fuse box.



Image: The Flo fixture mounted on a marble wall, demonstrating its flush mount appearance.

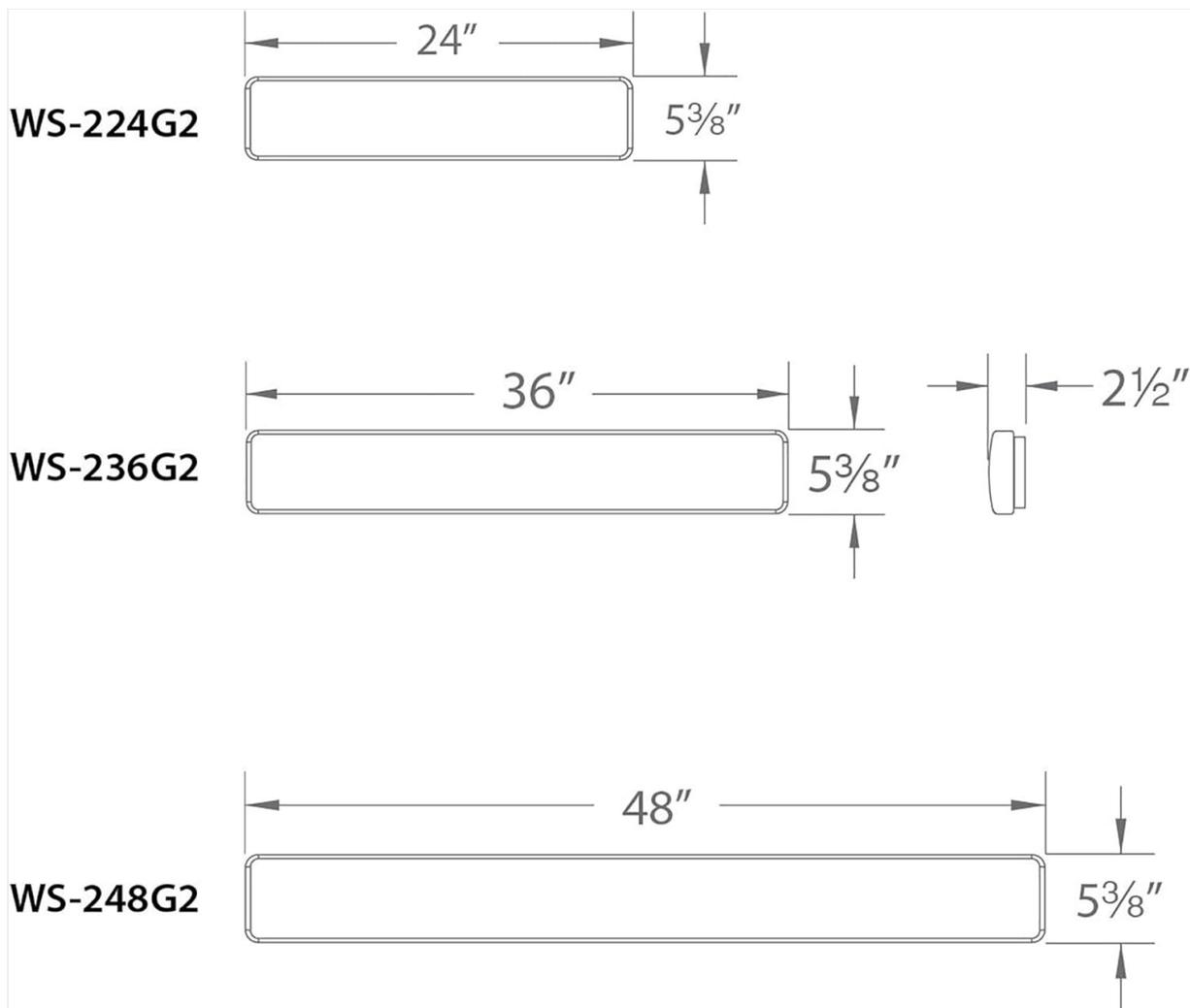


Image: Technical drawing illustrating the dimensions of the 24-inch, 36-inch, and 48-inch Flo fixtures.

5. OPERATING INSTRUCTIONS

5.1. 5-CCT Selectable Switch

Your Flo fixture includes an integrated 5-CCT (Correlated Color Temperature) selectable switch. This allows you to choose from five distinct color temperatures:

- **2700K:** Warm White
- **3000K:** Warm White
- **3500K:** Neutral White
- **4000K:** Cool White
- **5000K:** Natural White

To change the color temperature, gently twist and remove the acrylic diffuser. Locate the small switch inside the fixture and slide it to your desired CCT setting. Once selected, reattach the diffuser.



5 COLOR TEMPERATURE SWITCH



Image: A visual representation of the 5-CCT selectable switch, indicating the different color temperature options from 2700K to 5000K.

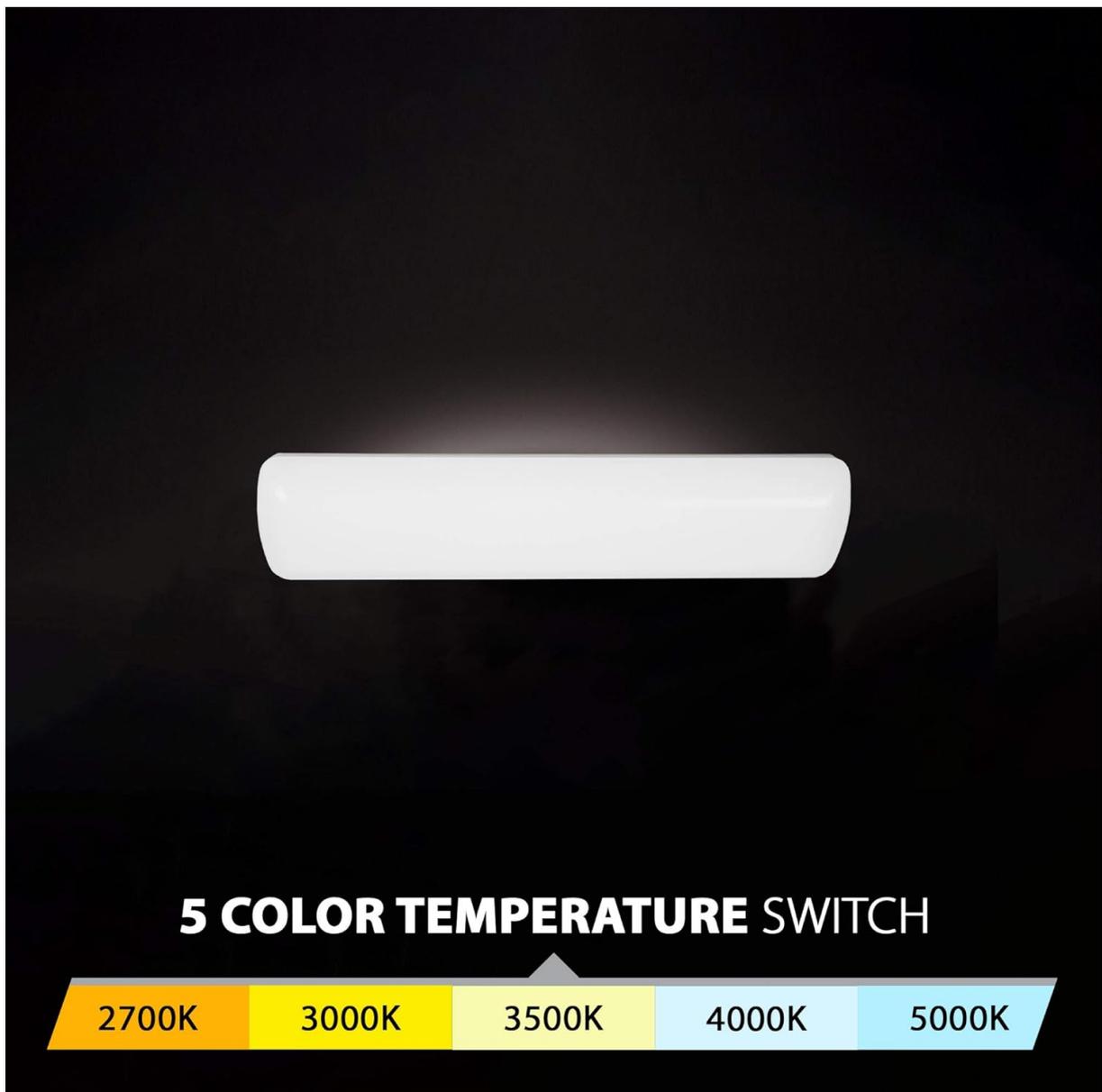


Image: The Flo fixture shown in a dark setting, demonstrating the visual effect of different color temperatures.

5.2. Dimming

The Flo LED fixture is designed for smooth and continuous dimming. It is compatible with most standard LED dimmers. For optimal performance, WAC Lighting recommends using an electronic low voltage (ELV) or TRIAC dimmer.

6. MAINTENANCE

The Flo LED fixture features long-lasting, integrated LEDs that provide a maintenance-free lighting solution. No bulb replacement is necessary.

To clean the fixture, ensure power is off. Use a soft, dry, or slightly damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or acrylic diffuser.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose wiring connection; faulty switch.	Check circuit breaker/fuse. Verify all wire connections are secure. Test the wall switch.
Light flickers or dims improperly.	Incompatible dimmer; loose wiring.	Ensure you are using an LED-compatible dimmer (ELV or TRIAC recommended). Check wiring connections.
Incorrect color temperature.	CCT switch set incorrectly.	Remove diffuser and adjust the 5-CCT switch to the desired setting.

If problems persist, contact WAC Lighting customer support.

8. SPECIFICATIONS

Attribute	Detail
Brand	WAC Lighting
Model Name	Flo
Model Number	WS-224-CS-WT
Size	24 inches
Product Dimensions	24 x 5.5 x 2.5 inches
Item Weight	2.93 pounds
Color	White
Material	Aluminum (fixture), Acrylic (shade)
Light Source Type	Integrated LED
Wattage	17 watts
Brightness	Up to 1460 Lumens
Voltage	120V-240V-277V (Universal Input)
Color Temperature	5-CCT Selectable (2700K, 3000K, 3500K, 4000K, 5000K)
Dimming	Smooth and continuous with most standard LED dimmers (ELV/TRIAC recommended)
Lifespan	50,000 hours (LM70)
Certifications	Energy Star 2.0 Certified, cUL certified (USA & Canada), ETL & cETL Damp location listed, Title 24 JA8-2016, Title 20, ADA compliant

Attribute	Detail
Installation Type	Flush Mount (Ceiling or Wall)



Image: The Energy Star Most Efficient 2020 certification logo, indicating high energy efficiency.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This WAC Lighting Flo fixture is covered by a 5-year limited manufacturer's warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact WAC Lighting customer support. Refer to the official WAC Lighting website for the most current contact information.

WAC Lighting Official Website: www.waclighting.com