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WAC Lighting FM-240505-9CS-BK

WAC Lighting Round LED 5IN Edgeless Slim Flush Mount User Manual

Model: FM-240505-9CS-BK

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WAC Lighting Round LED 5IN Edgeless Slim Flush Mount. Please read all instructions carefully before beginning installation and retain this manual for future reference.

The WAC Lighting Edgeless Slim Flush Mount features a die-cast aluminum housing with a white acrylic surface, concealing multiple LED arrays for uniform illumination. It includes a 5-CCT selectable switch for adjusting color temperature and is designed for smooth dimming with compatible dimmers.



Image: WAC Lighting Edgeless Slim LED Flush Mount installed, showcasing its sleek design.

SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the circuit breaker or fuse box before installation or servicing.
- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, consult a qualified electrician.
- Do not install this fixture in areas with explosive atmospheres.
- Ensure the fixture is securely mounted to a structurally sound surface.
- Do not exceed the specified voltage (120 Volts).
- This product is ETL & cETL listed and IP44 rated for wet locations.

WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present and undamaged. If any parts are missing or damaged, do not attempt to install the product. Contact customer support for assistance.

- Light Fixture
- Mounting Plate
- Hardware (screws, wire nuts)
- Instructions (this manual)

SETUP AND INSTALLATION

This fixture is designed for simple installation on a standard, slim, or pancake junction box. All necessary mounting hardware is included.

Pre-Installation Steps:

1. Turn off power at the circuit breaker or fuse box.
2. Remove the existing fixture (if applicable) and disconnect all wiring.
3. Carefully remove the new fixture and its components from the packaging.

Mounting the Fixture:

1. Attach the mounting plate to the junction box using the provided screws. Ensure it is secure.
2. Connect the fixture's wires to the corresponding house wires (black to black, white to white, ground to ground) using the provided wire nuts. Ensure all connections are tight and secure.
3. Carefully tuck the wires into the junction box.
4. Align the fixture with the mounting plate and secure it in place according to the specific design (e.g., twist-lock or screw-in mechanism).



Image: The WAC Lighting 5-inch Round LED Flush Mount, showing its compact design.

OPERATING INSTRUCTIONS

Color Temperature Selection (5-CCT):

This fixture features a 5-CCT selectable switch located on the back of the fixture. This switch allows you to choose between five different color temperatures to suit your preference or application.

1. Before final installation or with power off, locate the CCT switch on the back of the fixture.
2. Slide the switch to select your desired color temperature: 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight).
3. Once selected, proceed with the final mounting of the fixture.



Image: Detail of the 5-CCT selectable switch, showing the different color temperature options.



Image: Illustration demonstrating the visual difference between the five selectable color temperatures.

Dimming Function:

The fixture supports smooth and continuous dimming with an electronic low voltage (ELV) or TRIAC (standard LED/CFL) dimmer. It can dim down to 5% of its maximum brightness.

- Ensure you are using a compatible dimmer switch for LED fixtures.
- Follow the dimmer manufacturer's instructions for installation and operation.



Image: Icon representing the dimmable feature of the light fixture.

MAINTENANCE

To ensure the longevity and optimal performance of your WAC Lighting fixture, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the exterior

of the fixture. Avoid using abrasive cleaners, solvents, or polishes, as these can damage the finish or electrical components.

- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician or contact customer support.
- **LEDs:** The integrated LED light source is designed for long-lasting performance (rated for 50,000 hours) and is not user-replaceable.

TROUBLESHOOTING

If you encounter issues with your fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Faulty switch.	Check circuit breaker/fuse. Ensure all wire connections are secure (power off). Test switch with another device.
Light flickers or dims inconsistently.	Incompatible dimmer switch. Loose wiring. Dimmer set to an unstable level.	Ensure dimmer is LED compatible. Check wiring connections (power off). Adjust dimmer to a stable setting.
Incorrect color temperature.	CCT switch set incorrectly.	Turn off power, access the CCT switch on the back of the fixture, and select the desired setting.

If the problem persists after attempting these solutions, contact WAC Lighting customer support.

SPECIFICATIONS

Feature	Detail
Model Number	FM-240505-9CS-BK
Dimensions	5"L x 5"W x 0.88"H
Material	Aluminum housing, Acrylic shade
Color	Black
Light Source	Integrated LED
Wattage	15 watts
Brightness	1660 Lumens (Maximum)
Color Temperature	5-CCT Selectable (2700K, 3000K, 3500K, 4000K, 5000K)
CRI	90+
Rated Hours	50,000

Feature	Detail
Voltage	120 Volts
Dimming	ELV or TRIAC (dims to 5%)
Installation Type	Flush Mount
Indoor/Outdoor Usage	Indoor (Wet Location Rated)
Certifications	ETL & cETL listed, IP44, CEC Title 24 Compliant, ADA, ANSI, UL
Item Weight	0.75 Pounds (12 ounces)

Dimensional Drawings:

The following diagrams illustrate the dimensions for various round models, including the 5-inch version (FM-240505).



Image: Dimensional drawing for the 5-inch round flush mount (FM-240505).



Image: Dimensional drawing for the 8-inch round flush mount (FM-240508).



Image: Dimensional drawing for the 12-inch round flush mount (FM-240512).

WARRANTY

WAC Lighting provides an extended warranty for this product. For specific terms and conditions, please refer to the warranty documentation included with your purchase or visit the official WAC Lighting website. This warranty typically covers defects in materials and workmanship under normal use.



Image: Icon representing a 5-year warranty period.

SUPPORT

For further assistance, technical support, or warranty claims, please contact WAC Lighting customer service. You can find contact information and additional resources on the official WAC Lighting website:

www.waclighting.com