WAC Lighting FM-15RN-930-WT

WAC Lighting Round 15in LED Flush Mount User Manual

Model: FM-15RN-930-WT

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WAC Lighting Round 15in LED Energy Star Flush Mount. Please read this manual thoroughly before installation and keep it for future reference.

The WAC Lighting Round 15in LED Flush Mount is an ultra-slim, high-output lighting fixture designed for uniform illumination without shadows or hotspots, utilizing edge-lit technology and a translucent diffuser.

PRODUCT OVERVIEW

The WAC Lighting Round 15in LED Flush Mount is a modern and efficient lighting solution for various indoor applications. Its sleek design integrates seamlessly with contemporary interiors.

Figure 1: WAC Lighting Round 15in LED Flush Mount (White)

Key Features:

- **Durable aluminum construction** with translucent diffuser.
- **Energy Star rated**, CEC title 2 compliant and ADA compliant.
- Specially rated for installation in the storage area of a clothes closet.
- Installs over a 3", 4" or 3/0 - 4/0 hybrid junction box.
- **Smooth and continuous dimming**: 100% - 10% with ELV dimmers; 100% - 5% with TRIAC dimmer.
- Standards: UL and CUL Damp location listed.

ROUND & SQUARE
LED FUNCTIONAL CEILING OR WALL LUMINAIRE

Input:	120V
CRI:	90
Dimming:	100% - 10% ELV, 100%-5% TRIAC
Rated Life:	50,000 hours

- ADA compliant
- Opaque acrylic diffuser spreads light from multiple LED array for uniform illumination
- **Installs over a 3", 4" or 3/0 - 4/0 hybrid junction box**

Figure 2: Product features and specifications including input voltage, CRI, dimming range, and rated life.

SETUP AND INSTALLATION

Safety Information:

- **WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- Always turn off power at the circuit breaker before beginning installation.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all connections are secure and comply with local electrical codes.

Tools Required:

- Screwdriver (Phillips and Flathead)
- Wire Strippers
- Electrical Tape

- Safety Glasses

Installation Steps:

1. **Prepare the Junction Box:** Ensure the power to the junction box is turned off at the circuit breaker. Remove any existing fixture.

2. **Attach Mounting Bracket:** Secure the provided mounting bracket to the junction box using the screws supplied.

3. **Make Electrical Connections:** Connect the fixture's wires to the corresponding house wires (black to black, white to white, ground to ground) using wire nuts. Secure connections with electrical tape.

4. **Mount the Fixture:** Carefully push the fixture into the mounting bracket until the metal retaining clips bend in and lock into place. Ensure the fixture is flush with the ceiling.

5. **Restore Power:** Turn the power back on at the circuit breaker and test the light fixture.
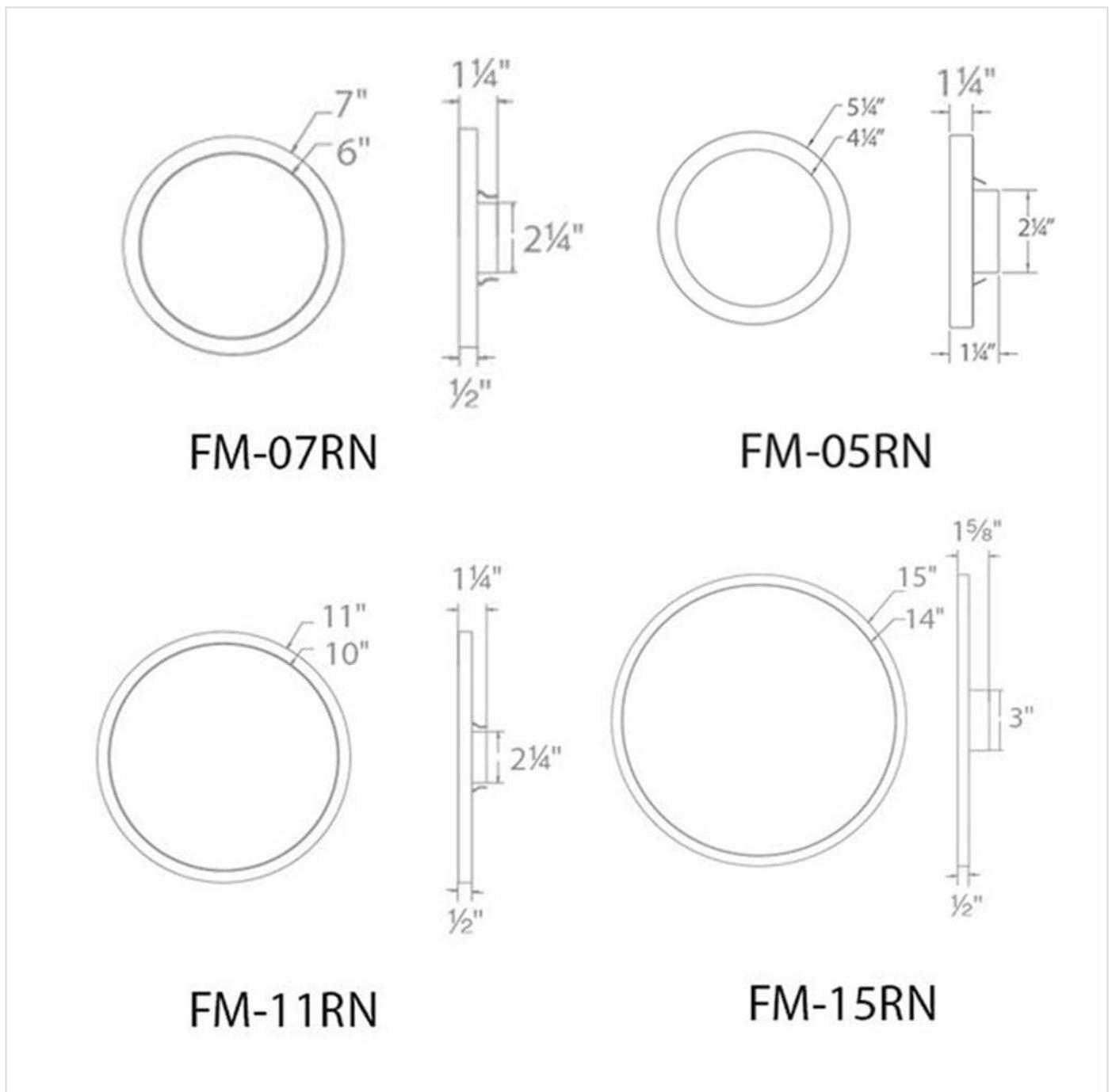

Figure 3: Dimensional drawings for various round flush mount models, including FM-15RN (15 inches).

OPERATING INSTRUCTIONS

The WAC Lighting Round 15in LED Flush Mount operates like a standard light fixture. Simply use your wall switch to turn it on or off.

Dimming Functionality:

This fixture supports smooth and continuous dimming. For optimal performance, use compatible dimmers:

- With ELV (Electronic Low Voltage) dimmers: Dims from 100% down to 10%.
- With TRIAC (Forward Phase) dimmers: Dims from 100% down to 5%.

Ensure your dimmer switch is compatible with LED lighting and the specified dimmer types for best results.

MAINTENANCE

The WAC Lighting Round 15in LED Flush Mount requires minimal maintenance due to its durable construction and long-lasting LED technology.

Cleaning:

- Before cleaning, ensure the power to the fixture is turned off at the circuit breaker.
- Wipe the exterior of the fixture with a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners, solvents, or polishes as they may damage the finish or diffuser.

No user-serviceable parts are inside the fixture. Do not attempt to disassemble the unit.

TROUBLESHOOTING

If you encounter issues with your WAC Lighting Flush Mount, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; Loose wiring; Faulty switch.	Check circuit breaker. Ensure all wire connections are secure. Test or replace the switch.
Light flickers or dims inconsistently.	Incompatible dimmer; Loose wiring; Overloaded circuit.	Ensure dimmer is compatible with LED and specified types (ELV/TRIAC). Check wiring connections. Consult an electrician for circuit issues.
Light output is too low.	Dimmer setting too low; Incorrect fixture for room size.	Adjust dimmer to maximum brightness. Verify fixture lumen output meets room requirements.

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

SPECIFICATIONS

Attribute	Value
Brand	WAC Lighting

Attribute	Value
Model Name	FM-15RN-930-WT
Size	15 Inches
Style	3000K Warm White LED
Color	White
Material	Aluminum
Light Source Type	LED
Brightness	2550 Lumen
Wattage	28 watts
Voltage	120 Volts
Dimming	100% - 10% with ELV dimmers; 100% - 5% with TRIAC dimmer
Rated Life	50,000 hours (approximate)
Installation Type	Flush Mount
Certifications	Energy Star rated, CEC title 2 compliant, ADA compliant, UL and CUL Damp location listed

WARRANTY AND SUPPORT

Warranty Information:

This product is covered by a **5-year limited manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting, or warranty inquiries, please contact WAC Lighting customer support. Visit the official WAC Lighting website for contact details and additional resources.

You can also visit the WAC Lighting Store on Amazon for more product information.