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- › [WAC Lighting](#) /
- › [WAC Lighting Rubix 5" Outdoor LED Flush Mount User Manual](#)

WAC Lighting FM-W2505-WT

WAC Lighting Rubix 5" Outdoor LED Flush Mount User Manual

Model: FM-W2505-WT

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WAC Lighting Rubix 5" Outdoor LED Flush Mount (Model: FM-W2505-WT). This fixture is designed for outdoor use, offering efficient and durable lighting. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse box or circuit breaker before installation or servicing.

Always consult a qualified electrician for installation if you are unsure. Ensure all wiring connections are secure and comply with local electrical codes. This product is designed for outdoor use and is IP65 rated for wet locations. Do not modify the fixture or use it for purposes other than its intended use.

As per Proposition 65, this product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Please check your local laws before purchasing this product.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- WAC Lighting Rubix 5" Outdoor LED Flush Mount Fixture (1)
- Mounting Hardware Kit (1)
- Installation Instructions (This Manual)



Image: The WAC Lighting Rubix 5" Outdoor LED Flush Mount fixture in white, showcasing its minimalist cube design with the illuminated LED light source.

4. SETUP AND INSTALLATION

This fixture can be wall or ceiling mounted. Follow these steps carefully:

1. **Preparation:** Turn off power at the circuit breaker or fuse box to avoid electrical shock. Ensure the mounting surface is clean, dry, and structurally sound.
2. **Mounting Bracket Installation:** Attach the mounting bracket to the junction box using the screws provided in the hardware kit. Ensure the bracket is securely fastened.
3. **Wiring Connections:** Connect the fixture's wires to the corresponding house wires. Connect the black fixture wire to the black (live) house wire, the white fixture wire to the white (neutral) house wire, and the green or bare copper fixture wire to the green or bare copper (ground) house wire. Use approved wire connectors and ensure all connections are tight.
4. **Fixture Attachment:** Carefully align the fixture with the mounting bracket and secure it using the provided screws. Ensure the fixture is flush against the mounting surface.
5. **Power Restoration:** Once the fixture is securely installed and all connections are verified, restore power at the circuit breaker or fuse box.



Image: A direct front view of the WAC Lighting Rubix 5" Outdoor LED Flush Mount, highlighting its square shape and the central light emission area.

5. OPERATING INSTRUCTIONS

The WAC Lighting Rubix 5" Outdoor LED Flush Mount is designed for simple operation:

- **Power On/Off:** The fixture operates via a standard wall switch connected to the circuit. Flip the switch to turn the light on or off.
- **Dimming:** This fixture supports smooth and continuous ELV dimming (120V) or 0-10V dimming (10%). Ensure you use a compatible ELV or 0-10V dimmer switch for dimming functionality. The light can be dimmed from 100% down to 10%.

6. MAINTENANCE

To ensure the longevity and optimal performance of your LED flush mount, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners, solvents, or cleaners containing alcohol, as these can damage the finish or glass.
- **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.
- **LED Longevity:** The integrated LED light source has a rated life of 70,000 hours and does not require bulb replacement.

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 wiring connections are secure (power off first). Test or replace the switch.
Light flickers or dims inconsistently.	Incompatible dimmer switch. Loose wiring connection.	Ensure dimmer is ELV or 0-10V compatible. Check wiring connections (power off first).
Light is not as bright as expected.	Dimmer setting too low. Incorrect voltage.	Adjust dimmer to maximum setting. Verify input voltage (120V - 277V).

8. SPECIFICATIONS

Feature	Detail
Model Number	FM-W2505-WT
Dimensions	5"L x 5"W x 5"H
Light Source	Integrated LED
Color Temperature	3000K
Color Rendering Index (CRI)	90
Rated Life	70,000 hours
Brightness	980 Lumens
Voltage Input	120V - 277V (Universal Voltage)
Dimming	Smooth and continuous ELV (120V) or 0-10V (10%)
Material	Die-cast aluminum with etched glass
Finish	White
Indoor/Outdoor Usage	Outdoor (IP65 Rated)
Certifications	Energy Star Rated, ETL & cETL Wet Location Listed, CEC Title 24 Compliant, UL Listed
Item Weight	4.25 pounds
UPC	790576295435

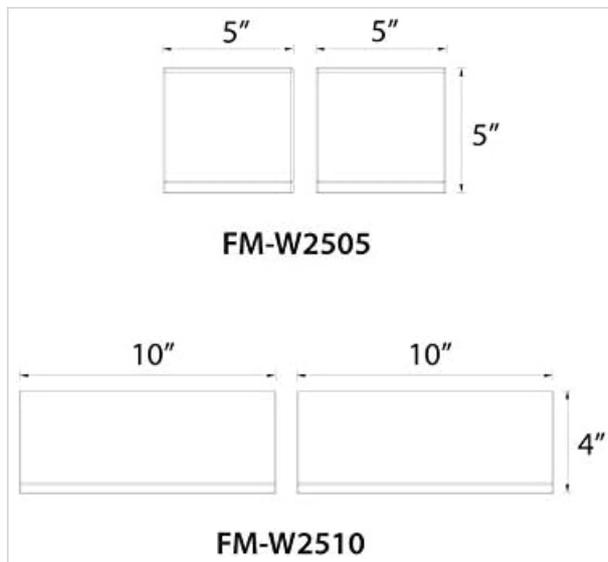


Image: Technical diagram illustrating the 5" x 5" x 5" dimensions of the FM-W2505 model, alongside dimensions for the FM-W2510 model for comparison.

9. WARRANTY

WAC Lighting provides a 5-year warranty for this product. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the official WAC Lighting warranty policy or contact customer support.

10. SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact WAC Lighting customer support:

- **Website:** www.waclighting.com
- **Phone:** Refer to the WAC Lighting website for regional contact numbers.

Please have your model number (FM-W2505-WT) and purchase date available when contacting support.

Related Documents - FM-W2505-WT

	<p>WAC RCUV-WT Smart Fan Remote Control Operation Instructions</p> <p>Comprehensive guide to operating the WAC RCUV-WT Smart Fan remote control, covering pairing, fan and light operation, breeze mode, UV auto-off, Wi-Fi settings, and troubleshooting.</p>
	<p>WAC Mesh Gateway WH-GW1-WT Installation Instructions</p> <p>Installation instructions for the WAC Mesh Gateway WH-GW1-WT, including powering, configuration, and FCC compliance information.</p>



[WAC Lighting InvisiLED Outdoor RGBWW LED Tape Light Installation Guide \(T24-OD1-XX-CC\)](#)

This document provides comprehensive installation instructions for the WAC Lighting InvisiLED Outdoor RGBWW LED tape light system, model T24-OD1-XX-CC. It covers essential safety precautions, wiring diagrams, power calculations, maximum run lengths, and various mounting and connection methods for outdoor use.



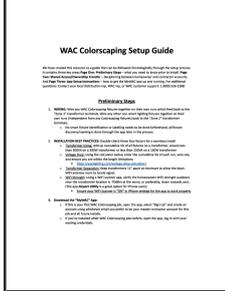
[WAC Smart Fans ODYSSEY FLUSH Installation Instructions](#)

Comprehensive installation guide for the WAC ODYSSEY FLUSH Smart Fan, covering safety, setup, electrical connections, and smart features.



[WAC Smart Fans Odyssey Flush Mount Installation Instructions](#)

Comprehensive installation guide for the WAC Smart Fans Odyssey Flush Mount Ceiling Fan, covering safety, tools, package contents, installation steps, electrical connections, and troubleshooting.



[WAC Colorscaping Setup Guide: Installation, App Configuration, and Automation](#)

This WAC Colorscaping setup guide provides step-by-step instructions for installing and configuring smart landscape lighting systems. It details preliminary steps, app setup using the MyWAC app, managing user access (owner/admin accounts), and creating custom automations for your outdoor lighting.