

WAC Lighting DS-WD05-F27A-BZ

WAC Lighting DS-WD05-F27A-BZ Instruction Manual

Model: DS-WD05-F27A-BZ | Brand: WAC Lighting

1. PRODUCT OVERVIEW

The WAC Lighting DS-WD05-F27A-BZ is a 5-inch double-sided tube arch wall mount fixture designed for outdoor and indoor applications. This LED fixture provides illumination in two directions, away from the wall, with a color temperature of 2700K and a Color Rendering Index (CRI) of 85. It features durable aluminum construction and is rated for wet locations (IP65), making it suitable for various environments. The fixture is Energy Star rated and ETL & CETL listed, ensuring energy efficiency and safety compliance.

Key features include:

- Double-sided light output, up to 3685 lumens per side.
- 2700K warm white light with 85 CRI for accurate color representation.
- 100% - 10% dimming capability.
- Long rated life of 80,000 hours.
- IP65 wet location listed for outdoor durability.
- Energy Star rated for energy efficiency.
- Aluminum construction for longevity.
- Free of projected heat and UV radiation.
- ANSI compliant warm/neutral LED bins for consistent color.



Figure 1: WAC Lighting DS-WD05-F27A-BZ 5-Inch Double Side Tube Arch Wall Mount in Bronze finish.

2. SAFETY INFORMATION

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

- Read all instructions carefully before installation.
- Installation must be performed by a qualified electrician in accordance with local electrical codes and the National Electrical Code (NEC).
- Ensure the supply voltage is 120 Volts, as specified for this fixture.

- Do not modify the fixture or use it for purposes other than its intended use.
- Wear appropriate safety gear, including safety glasses and gloves, during installation.
- Keep flammable materials away from the fixture during operation.

3. INSTALLATION AND SETUP

This section provides general guidelines for installing the WAC Lighting DS-WD05-F27A-BZ wall mount fixture. Specific details may vary based on your installation environment. Always consult local building and electrical codes.

1. Prepare the Installation Area:

- Turn off power at the circuit breaker or fuse box to the wall switch or outlet box where the fixture will be installed.
- Ensure the mounting surface is clean, dry, and structurally sound to support the fixture's weight (approximately 9 pounds).

2. Mount the Fixture:

- Attach the mounting bracket (if separate) to the electrical junction box using the provided screws.
- Connect the electrical 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.
- Carefully tuck the wires into the junction box.
- Align the fixture with the mounting bracket and secure it using the provided screws.

3. Final Checks:

- Ensure the fixture is securely fastened to the wall.
- Restore power at the circuit breaker or fuse box.
- Test the fixture to ensure it operates correctly.



Figure 2: Dimensional drawings for various WAC Lighting tube architectural wall mounts, including the DS-WD05 model.



Figure 3: Illustration of the double-sided light distribution pattern, with light directed away from the wall.

4. OPERATING INSTRUCTIONS

The WAC Lighting DS-WD05-F27A-BZ fixture is designed for simple operation once installed.

- **Power On/Off:** Control the fixture using a standard wall switch connected to the electrical circuit.
- **Dimming:** This fixture is dimmable from 100% down to 10%. Use a compatible LED dimmer switch (sold separately) for dimming functionality. Consult the dimmer manufacturer's instructions for proper installation and operation.



Figure 4: Example of the WAC Lighting fixture used in an architectural setting, providing ambient and functional illumination.

5. MAINTENANCE

The WAC Lighting DS-WD05-F27A-BZ is designed for minimal maintenance due to its long-life 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, damp cloth. Do not use abrasive cleaners, solvents, or polishes, as these can damage the finish or electrical components.
 - Ensure the fixture is completely dry before restoring power.
- **LED Light Source:** The integrated LED light source is designed to last for 80,000 hours and is not user-replaceable. If the LED fails, contact WAC Lighting customer support for assistance.

6. TROUBLESHOOTING

If you experience issues with your WAC Lighting fixture, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fixture does not light up.	• No power to the fixture. • Loose wire connections. • Faulty wall switch.	• Check circuit breaker/fuse. • Verify all wire connections are secure (ensure power is off before checking). • Test the wall switch or replace if necessary.
Light flickers or dims unexpectedly.	• Incompatible dimmer switch. • Loose wire connections. • Voltage fluctuations.	• Ensure a compatible LED dimmer is used. • Check and secure all wire connections (power off). • Consult an electrician to check household voltage.
Fixture is hot to the touch.	• Normal operation (LEDs generate some heat). • Improper ventilation.	• Ensure fixture is installed in an area with adequate airflow. • If excessively hot, disconnect power and contact support.

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

7. SPECIFICATIONS

Attribute	Detail
Brand	WAC Lighting
Model Number	DS-WD05-F27A-BZ
Color	Bronze

Attribute	Detail
Style	2700K (80+CRI)
Light Fixture Form	Wall
Power Source	Corded Electric
Light Source Type	LED
Finish Type	Bronze
Shade Material	Glass
Voltage	120 Volts
Lighting Method	Up/Down Light (Away from Wall)
Specification Met	Energy Star; UL Listed
Item Weight	9 Pounds
Brightness	3120 Lumens (per side, up to 3685x2)
Product Dimensions	7.61 x 5.53 x 5.54 inches
Rated Life	80,000 Hours
IP Rating	IP65 (Wet Location Listed)



Figure 5: Manufacturer's specification sheet detailing various models and their light directions.

8. WARRANTY AND SUPPORT

This WAC Lighting product comes with a manufacturer's warranty. For specific details regarding your warranty coverage, please refer to the documentation included with your purchase or visit the official WAC Lighting website.

Warranty Description: 5 years.

For technical support, troubleshooting assistance, or warranty claims, please contact WAC Lighting customer service. You can find more information and contact details on the [WAC Lighting Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question