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> AFX LW432R8 Low Profile 4-Lamp T8 Wrap Light Fixture Instruction Manual

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Model: LW432R8

1. INTRODUCTION

Thank you for choosing the AFX LW432R8 Low Profile 4-Lamp T8 Wrap Light Fixture. This fixture is designed for general lighting applications, featuring a durable white steel housing and a clear prismatic acrylic diffuser. It is compatible with four (4) replaceable T8 fluorescent lamps or LED Type B lamps (sold separately). This manual provides essential information for the safe installation, operation, and maintenance of your new light fixture.



Image 1.1: AFX LW432R8 Low Profile 4-Lamp T8 Wrap Light Fixture. This image shows the complete light fixture with its clear prismatic lens and white housing.

2. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause property damage or personal injury.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the supply voltage is correct (120 Volts) before connecting the fixture.
- Do not install near combustible materials.
- This fixture is rated for damp locations. Do not use in areas where it will be directly exposed to water.

- Always wear safety glasses and gloves during installation and maintenance.
- Do not handle live components.
- Dispose of fluorescent lamps according to local regulations.

3. PACKAGE CONTENTS

Verify that all components are present before discarding packaging materials.

- 1 x AFX LW432R8 Low Profile 4-Lamp T8 Wrap Light Fixture (Housing and Diffuser)
- Installation Hardware (e.g., mounting screws, wire nuts) *-May vary by package.*

Note: T8 Fluorescent or LED Type B lamps are **not included** and must be purchased separately.

4. SETUP AND INSTALLATION

This fixture is designed for ceiling mount installation. Consult a qualified electrician if you are unsure about any part of the installation process.

1. **Turn Off Power:** Locate the circuit breaker or fuse box controlling the power to the installation area and turn off the power. Verify power is off using a voltage tester.
2. **Prepare Mounting Location:** Identify the desired mounting location on the ceiling. This fixture can be mounted individually or continuously. Ensure the mounting surface can support the weight of the fixture.
3. **Attach Fixture Housing:** Securely attach the fixture housing to the ceiling using appropriate mounting hardware (not always included, may require separate purchase depending on surface type). Ensure the fixture is level and firmly attached.
4. **Electrical Connections:** Connect the fixture's electrical wires to the building's supply wires. Typically, this involves connecting:
 - Black (Live) wire from fixture to Black (Live) wire from supply.
 - White (Neutral) wire from fixture to White (Neutral) wire from supply.
 - Green or Bare Copper (Ground) wire from fixture to Green or Bare Copper (Ground) wire from supply.

Use UL-listed wire connectors (wire nuts) and ensure all connections are secure.

5. **Install Lamps:** Carefully insert four (4) T8 fluorescent or LED Type B lamps into the lamp holders within the fixture. Ensure they are properly seated and twisted into place if applicable.
6. **Attach Diffuser:** Secure the clear prismatic acrylic diffuser to the fixture housing. Ensure it is properly latched or fastened to prevent it from falling.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker or fuse box. Test the fixture to ensure proper operation.

5. OPERATING INSTRUCTIONS

The AFX LW432R8 fixture operates as a standard hardwired light fixture. Once properly installed and powered, it can be controlled by a wall switch connected to the circuit.

- **Turning On/Off:** Use the wall switch connected to the fixture's circuit to turn the light on or off.
- **Lamp Type:** This fixture is designed for T8 fluorescent or LED Type B lamps. Ensure you use the correct lamp type and wattage as specified in the specifications section.
- **Control Method:** While the fixture itself is controlled by a standard wall switch, some advanced installations or specific lamp types may allow for app or push-button control via external smart devices or compatible

ballasts/drivers (not included with this basic fixture).

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your light fixture.

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior of the fixture and the diffuser with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or diffuser.
- **Lamp Replacement:**
 - a. Turn off power at the circuit breaker.
 - b. Carefully remove the diffuser.
 - c. Remove the old T8 lamps by rotating them and pulling them out of the lamp holders.
 - d. Insert new T8 fluorescent or LED Type B lamps, ensuring they are properly seated.
 - e. Replace the diffuser and restore power.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose wiring, or discoloration. If any issues are found, disconnect power and consult a qualified electrician.

7. TROUBLESHOOTING

Before performing any troubleshooting, ensure power is disconnected at the circuit breaker.

Problem	Possible Cause	Solution
Fixture does not light up.	No power to the fixture.	Check circuit breaker/fuse.
	Loose wire connections.	Verify all wire connections are secure.
	Defective lamps.	Replace lamps with new ones.
	Faulty ballast (for fluorescent lamps).	Consult a qualified electrician to check/replace ballast.
Lamps flicker or hum.	Loose lamps.	Ensure lamps are fully seated.
	Aging fluorescent lamps.	Replace fluorescent lamps.
	Incorrect lamp type.	Verify correct T8 lamp type.
	Faulty ballast.	Consult a qualified electrician to check/replace ballast.
Light output is dim.	Dirty diffuser or lamps.	Clean diffuser and lamps.
	Aging fluorescent lamps.	Replace fluorescent lamps.

8. SPECIFICATIONS

Feature	Detail
Model Number	LW432R8
Brand	AFX
Fixture Type	Low Profile 4-Lamp T8 Wrap Light Fixture
Dimensions (L x W x H)	48.00 inches x 11.50 inches x 2.38 inches

Feature	Detail
Housing Material	Die-formed, rigid, pre-finished, white steel
Diffuser Material	Clear Prismatic Acrylic
Lamp Type	T8 Fluorescent or LED Type B (4 lamps required, sold separately)
Max Wattage (per lamp)	32 Watts
Voltage	120 Volts
Power Source	Corded Electric (Hardwired)
Mounting Type	Ceiling Mount
Safety Rating	cETLus Listed, Damp Location Rated
Energy Efficiency	Energy Star Rated
Control Method	Standard Wall Switch (App/Push Button control may be possible with compatible external accessories/lamps)

9. WARRANTY

This AFX product is covered by a manufacturer's warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or contact AFX customer support. The warranty typically covers defects in materials and workmanship under normal use.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report a problem with your AFX LW432R8 light fixture, please contact AFX customer support.

- **Manufacturer:** AFX Lighting
- **Website:** [Visit the AFX Store on Amazon](#) (for general brand information)
- For direct support, please refer to the contact information provided on the product packaging or the official AFX Lighting website.

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