

Safety Precautions

Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in potentially fatal electric shock and/or property damage.

It is recommended that a qualified electrician perform all wiring. This fixture must be wired in accordance with all national and local electrical codes.

Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.

This fixture is designed for use in a 110-120VAC, 60Hz fused circuit. Do not use on a dimming circuit.

To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) or bare metal contact (metal conduit) between this fixture and the ground connection of your main power supply panel. The green ground screw location is clearly marked on the fixture housing.

This fixture is intended for use for general indoor lighting in dry or damp locations only.

Assembly Instructions

1. Preparing for installation

- A. **Disconnect electrical power** before installing or servicing any part of this fixture.
- B. Thread short screws (2) into the threaded holes of the gem bar (3) that line up with the holes in fixture mount pan (4).
- C. Thread the long screws (1) into the holes in the gem bar that line up with the 2 threaded tabs in your junction box (not included). Secure gem bar (3) to junction box.

2. Wiring.

All wiring must take place inside junction box.

Caution: Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of ballast, use wire suitable for at least 90C (194F). **Note:** Most dwellings built before 1985 have supply wire rated to 60C. Consult a qualified electrician before installing.

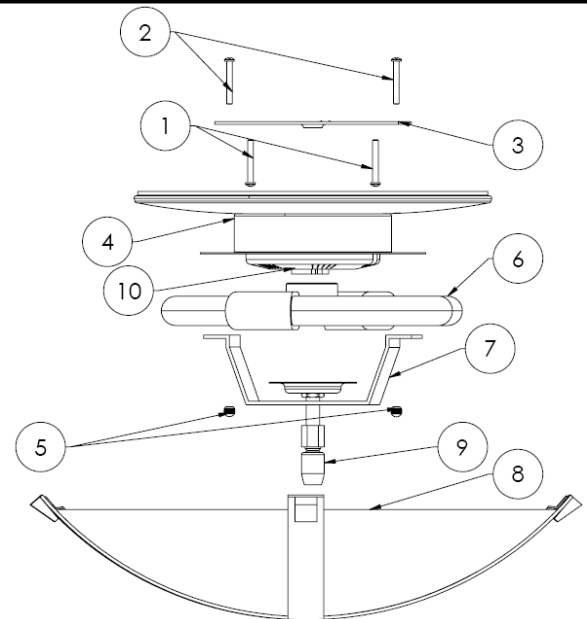
- A. This unit will not operate properly unless connected to a “grounded” electrical circuit. Electrical shock, over heating, low or no light output, and shortened lamp life can result if proper grounding is not done. Securely attach green (or green and yellow) wire to green ground screw on gem bar with provided hardware.
- B. Using orange wire connectors (provided), connect white supply wire to white ballast lead. Connect black hot supply wire to black ballast lead. Connect the ground wires. **Do not mix wires.** Pull on each wire lead to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors.

3. Fixture mounting.

- A. Line up the holes in the fixture mount pan (4) with the short screws (2) from the gem bar and slide the screws through the holes. Thread the 2 thumbnuts (5) on to the screws until secure.
- B. Install 55 watt circline fluorescent lamp (6) into socket (10) by inserting lamp pins and pressing until lamp snaps in place.
- C. Align keyholes in lower housing bracket (7) over screws. Twist to lock and tighten screws.

4. Diffuser installation.

- A. Raise the diffuser (8) up to the channel and center stud onto hang straight (9). Once aligned, turn diffuser clockwise until the diffuser is tight.
- B. Turn as needed to lock lamp into place with washer (**do not over tighten**).
- C. Restore power at fuse or circuit breaker box.



Limited Factory Warranty

American Fluorescent Corporation hereby warrants that this fixture is free from defects in materials and workmanship when installed and used under normal operating conditions for a period of 2 years from date of purchase. This warranty covers all component parts and extends only to replacement of defective fixture or components; it does not cover failure due to improper installation, misuse, mishandling or damage incurred in transit.