

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 all wiring be performed by a qualified electrician. 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.

Make sure that the power source conforms to the requirements of the fixture. (See labels on fixture housing).

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 to be used 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. Remove fixture from cartoning; remove trim band (2) and diffuser (3) by removing the 3 thumb nuts (1).

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 ground supply wire.
- B. Using wire connectors (provided), connect white supply wire to white ballast lead. Connect black hot supply wire to black ballast lead. **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. Mounting.

- A. Junction Box mounting; Attach fixture channel (6) directly to Junction box through eyelet holes with two #8 -32 x 1” screws. (Provided)

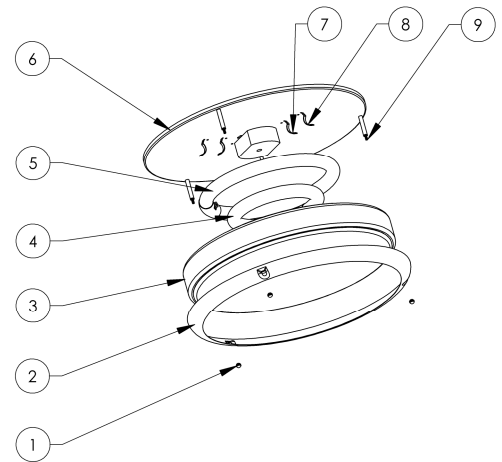
4. Lamps

- A. Install (small) lamp (4) around three inner clips (7) and connect the wire harness connector from the ballast to the lamp that matches the lamp wattage. Install large lamp (5) around three outer clips (8) and connect the remaining wire harness connector from the ballast to the lamp.

5. Diffuser mounting.

- A. Slide the diffuser (3) and trim band (2) over the channel (6) and secure with 3 thumb nuts (1) onto threaded offsets (9).

6. Power to the fixture can now be restored.



Limited Factory Warranty

American Fluorescent Corporation hereby warranty 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 shipment from factory. 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.

