

## 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.

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 gem bar.

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; place the diffuser (2) and the bag with hardware off to the side.

### 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 may not operate properly unless connected to a “grounded” electrical circuit. Securely attach green (or green and yellow) wire to green ground screw on back plate frame (1) with provided hardware.
- 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 to make sure connections are secure. Make certain no bare wires are exposed outside of wire connectors.

### 3. Fixture mounting.

- A. Back pan mounting options
  1. Gem Bar Mounting – Using short screws (8) use holes in gem bar (7) and fasten with hex-nuts (6) for final back pan mounting. With the long screws (not shown), secure universal round gem bar to junction box (not supplied).
  2. Secure to Wall – Align back pan frame (1) with screws (8) and fasten with supplied thumbnuts (5).

### 4. Diffuser Installation

- A. Align diffuser in appropriate socket housing on back plate frame (1).
- B. Secure diffuser (2) with socket nut (3).

### 5. Lamp Installation

- A. Install appropriate 13W / GU24 base lamp (4) by rotating into socket (9).

