Your LED retrofit tubes are designed to be installed in place of T8 or T12 fluorescent tubes in existing light fixtures. LED tubes are not recommended for use with dimmers. Each LED tube should be installed with rewired lampholders or with replacement non-shunted lampholder sockets (available from Go Green or locally). We recommend Leviton replacement tombstone sockets. The LED tubes are designed to operate on existing line voltage wired directly to one of the lampholders. One lampholder socket end is non-conductive and only used to support the weight of the LED tube. Either end of the LED tube can be installed in the energized end to operate the lamp.

**WARNING:** Risk of fire or electrical shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician or Go Green Solutions.

**WARNING:** To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders. **Note:** Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts. Instant-start ballasts can be identified by the words “Instant Start” or “I.S.” marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself, or may be combined with the marking for the lamps with which the ballast is intended to be used, for example F40T12/IS. For more information, contact the LED luminaire retrofit kit manufacturer.

**WARNING:** Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs or drawings.

**WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. **Note:** Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**INSTALLATION INSTRUCTIONS**

Each retrofit kit consists of (1) LED tube & (1) label for the luminaire fixture. The fixture label is required to be affixed to the luminaire during the modification process. The label warns: “This luminaire has been modified and can no longer operate fluorescent lights. This fixture is intended for use with single ended energized LED lamps”. Make sure that the model LED tube input voltage rating is consistent with the supply voltage of your light fixture.

1) Disconnect the power and remove the fluorescent tubes from your light fixture. Disconnect the ballast from the AC input power lines and the lamp holder wires from the ballast. Remove the ballast from the fixture.

2) Choose the side of the fixture that will receive power. Let this side be referred to as the “live end” and the non-powered side the “dead end.” Either utilize the existing lamp holders or use replacement ones. **Note:** Shunted lamp holders must be replaced with the non-shunted lamp holders. Installers should not disconnect existing wires from lampholder terminals. Instead, lampholder wire leads should be cut away from lampholder and new connections should be made by employing applicable connectors or terminations.

3) Connect the negative power line to ONE of the live end lamp holder wires, and connect the positive power line to the OTHER live-end lamp holder wire.

4) Repeat Step 3 for fixtures that accept 2 or more bulbs.

5) Affix the provided “LIVE END” label to the lighting fixture no more than 12 inches away from the live end. This will indicate to future users that this is the live end of the fixture, and that the fixture has been modified and no longer operates fluorescent lamps.