

LED T8 TUBE INSTALLATION GUIDE

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: RISK OF FIRE OR ELECTRICAL SHOCK. THE ELECTRICAL RATING OF THIS PRODUCT IS 120-277V AC AND THE INSTALLER MUST DETERMINE WHETHER THE VOLTAGE AT THE LUMINAIRE IS CORRECT BEFORE INSTALLATION.

WARNING: TO PREVENT WIRE DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR OTHER SHARP OBJECTS.

WARNING: REFLECTOR KIT INSTALLATION REQUIRES KNOWLEDGE OF FLUORESCENT LIGHTING LUMINAIRE ELECTRICAL SYSTEMS AND SHOULD BE INSTALLED BY A QUALIFIED ELECTRICIAN.



- * Not intended for use with emergency exits.
- * Non-dimmable - Not for use with dimmer.
- * Cannot be powered with shunted sockets (Typically used in fixtures with 'INSTANT START' ballasts) Instant Start ballasts can be identified by the words 'INSTANT START' or 'IS' marked on the ballast.
- * This designation may be in the form of a statement pertaining to the ballast itself or it may be combined with the marking for the lamps with which the ballast is to be used, ie..."F40T 12/IS".
- * Determine if the fixture has shunted or non-shunted lamp holders and replace shunted lamp holder(s) as necessary.
- * Please note: These lamps are powered from the end with 'L' and 'N' markings.
- * At least one non-shunted lamp holder is required per retrofit lamp.

INSTALLATION INSTRUCTIONS:

1. Cut all wires that connect ballast. (Diagram 1)
2. Remove the ballast.
3. Cut two lengths of 18 Gauge Solid TFF, TFN or AWM wire long enough to reach from the lamp holder with the LN markings to the 120-277 VAC supply wires.
4. If applicable, replace lamp holder at power end with non-shunted lamp holder.
5. Insert one stripped end of each solid wire into each side of the non-shunted lamp holder.
6. Connect these two wires to the 120-277 VAC supply wires using UL listed twist-on wire connectors (wire nuts).
7. All remaining severed wires, that are no longer needed, must be removed or organized and capped off using UL listed twist-on connectors (wire nuts) so they don't interfere with the reassembly of the fixture.
8. Insert the end of the retrofit lamp that is marked 'LN' into the non-shunted lamp holder connected to the supply wires. (Diagram 2)
9. Multiple tube wiring refer to Diagram 3.
10. Restore power at the circuit breaker or fuse.

