



800-505-2106  
kobielectric.com

Installation Instructions Kobi Electric LED T8 Rewire  
Part Numbers: T8-XX-XXXX-RMV



**READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO  
INSTALLING THE KOBİ LED T8 REWIRE TO ENSURE SAFETY AND PROPER OPERATION**

**DO NOT** make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

**INSTALLERS** should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.

This retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.

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

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**WARNING:** To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lampholders. **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 F40T12/5. 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 chart and wiring diagram and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

**Suitable for Damp Locations**

**Not for Use with Dimmers**

**Not for Use with Emergency Exits**

Retrofit Kits Model No.	Max Number Lamps	Luminaire Dimension with Max. Lamps L x W x H (cm)	Minimum distance between two lamps (cm)
T8-F2-8**-RMV	3	62 x 59 x 7.5	16
T8-F4-12**-RMV	8	122.2 x 56.4 x 8.7	4
T8-F4-15**-RMV	8	122.2 x 56.4 x 8.7	4
T8-F4-22**-RMV	8	122.2 x 56.4 x 8.7	4
T8-S4-15**-RMV	8	122.2 x 56.4 x 8.7	4

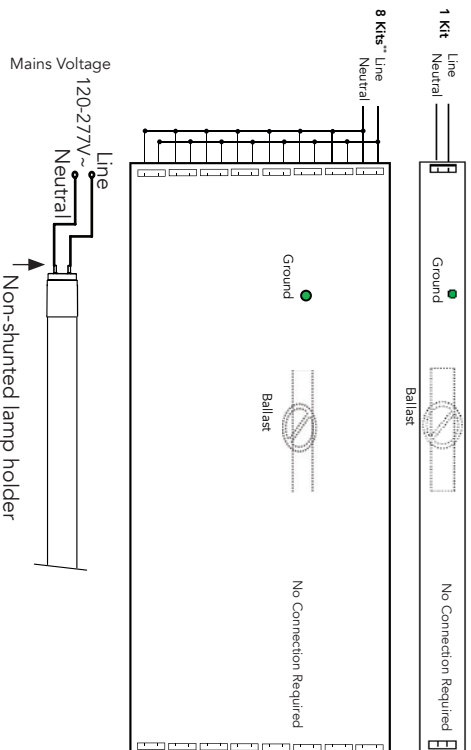
**See reverse side for installation instructions.**

**SEE REVERSE SIDE - READ ALL WARNINGS AND INSTRUCTIONS  
PRIOR TO INSTALLING THE KOBI LED T8 REWIRE TO ENSURE  
SAFETY AND PROPER OPERATION****This retrofit kit includes:**

- 1 Kobi Electric LED T8 Rewire Tube
- 1 Safety and Warning Label Sheet\*
- 1 Installation Instruction Sheet (per pack of 20 tube retrofit kits)

**WIRING DIAGRAM**

Kobi Electric REWIRE T8 tube retrofit kits are sold in project packs of 20 units. The wiring diagrams below demonstrate how to wire fixtures to use from 1 to 8 tubes in a single fixture. All lamp-holders are wired in parallel, so scaling only requires adding additional lamp-holders in parallel with mains voltage.



\*When installing multiple T8 Rewire Tube retrofit kits of the same model in a single luminaire, only a single set of labels is required to be applied to the luminaire.

\*\* T8-F2-8\*\*+RMV are limited to 3 lamps per fixture according to UL testing. If more than 3 lamps are installed per fixture, it is no longer classified by UL.

**INSTALLATION INSTRUCTIONS****DANGER - RISK OF SHOCK**  
DISCONNECT POWER BEFORE INSTALLATION

1. Turn off the circuit breaker and AC switch before working on the light fixture.
2. Remove existing covers from the light fixture according to the light fixture manufacturer's instructions.
3. Carefully remove the existing fluorescent tubes and dispose of them according to Federal, state and local laws.
4. Ensure the light fixture is designed to accommodate a bi-pin fluorescent tube before installing the Kobi Electric LED T8 Rewire. The Kobi Electric LED T8 Rewire is compatible with light fixtures designed for T8 and T12 diameter tubes.
5. Ensure that the fixture is not an emergency battery supplied fixture. If it is an emergency battery supplied fixture, disconnect the battery.
6. If Necessary, replace shunted lampholders with non-shunted lampholders in the light fixture.
7. Remove the ballast.
8. Place the AC Input label on the powered end of the light fixture near the lampholders.\*
9. Place the provided warning label and lamp model label prominently on the light fixture where they will be readily visible by the user during normal maintenance, including relamping.\*
10. Install the Kobi Electric T8 LED Rewire in the light fixture. Ensure that the correct ends are seated firmly in the lampholders.
11. Put the cover back on the fixture according to the manufacturer's instructions.
12. Turn on the circuit breaker and AC switch to verify proper operation.