

RLK SERIES

Retrofit Lamp Kit for LED Tubes



The RLK retrofit lamp kit eliminates the hassle of rewiring in the field. The kit can be used for provided lamps or LED T8 lamps that are UL classified for Retrofit.

- Provides a pre-wired socket assembly based on number of LED T8 lamps
- Includes pre-wired unshunted sockets plus companion sockets
- Kit pays for itself in installation and labor savings

CONSTRUCTION

Normally, retrofitting Fluorescent T8 fixtures to utilize LED T8 bypass lamps requires changing the sockets from Shunted to unShunted and altering how the sockets are wired. The RLK retrofit lamp kit addresses the common problem by eliminating the hassle of rewiring in the field. The kit is UL listed when used with our lamps.

EZ LED

The most economical, practical and user friendly series of LED fixtures with the energy savings, quality of light, long life and hassle-free maintenance. EZ LED fixtures are UL Listed with the latest LED T8 Bypass lamps. Fixtures provide over 44% energy savings over comparable fluorescent fixtures utilizing less expensive fixtures than the fluorescent version (no ballast required) and have flexibility to change wattage and color temperature any time. Fixture performance will evolve over time with the evolution of the T8 LED lamp technology. Concerned about maintenance with an LED array and driver fixture, EZ LED solves that by utilizing a self contained LED lamp that fits into fixture just like a fluorescent lamp.

Lamp Specifications:

Our T8 LED lamps are available in 2 or 4 ft sizes in different wattage, lumens and color temperature options. See lamp options and specs at www.mobern.com/EZLEDLamps.
 50,000 Hour Life with 5 Year Warranty
 Aluminum Base and Aluminum Housing with Glass Cover
 Operating Temperature: - 20°C to 50°C
 Color Temperature: 3500K, 4000K, 5000K
 G13 Pins (Same as Fluorescent Linear T8 Bipin)
 AC100 – 277V

Emergency Options:

The standard EZ LED Lamps require an inverter or an All-in-one emergency kit that includes LED array, battery and driver. Dimmable T8 LED with external driver works with standard LED EM it. See emergency options and specs at www.mobern.com/EZLEDemergency.

ITEM NO.	DESCRIPTION
RLK1LEDWR	Retrofit Lamp Kit Prewired Unshunted Sockets For 1 LED T8 Lamp Includes Companion Sockets
RLK2LEDWR	Retrofit Lamp Kit Prewired Unshunted Sockets For 2 LED T8 Lamp Includes Companion Sockets
RLK3LEDWR	Retrofit Lamp Kit Prewired Unshunted Sockets For 3 LED T8 Lamp Includes Companion Sockets
RLK4LEDWR	Retrofit Lamp Kit Prewired Unshunted Sockets For 4 LED T8 Lamp Includes Companion Sockets
RLK148LEDWRLEDL15W840LUN	Retrofit Lamp Kit Prewired Unshunted Sockets For 1 LED T8 Lamp Included Plus Companion Sockets
RLK248LEDWRLEDL15W840LUN	Retrofit Lamp Kit Prewired Unshunted Sockets For 2 LED T8 Lamp Included Plus Companion Sockets
RLK348LEDWRLEDL15W840LUN	Retrofit Lamp Kit Prewired Unshunted Sockets For 3 LED T8 Lamp Included Plus Companion Sockets
RLK448LEDWRLEDL15W840LUN	Retrofit Lamp Kit Prewired Unshunted Sockets For 4 LED T8 Lamp Included Plus Companion Sockets

Change 40 to 35 etc. for different Kelvin. Change Lamp Wattage to 13W on 2FT



Mobern reserves the right to substitute our own UL DLC listed tubes.

Installation Instruction

Removal of existing components

1. Shut off line power to the fixture at the breaker panel.

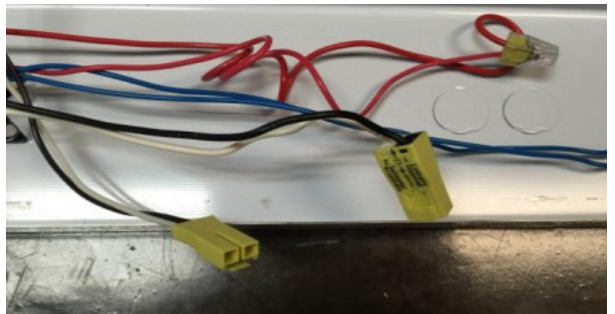
2. Disconnect and remove existing T8 lamps and discard as a recommended by the provider, as they may contain mercury.



3. Remove ballast cover and set aside.



4. Break the mate on the yellow disconnect to cutoff the ballast from the line wires.



5. Pinch and push on the sockets to remove. Remove all four and let them hang.



6. Unfasten screws holding down ballast. Remove ballast and sockets at once. Discard according to manufacturer's recommendation.

Alternatively, it is possible to cut the wires connecting the sockets to the ballast. Follow warnings printed below before proceeding.



Installation of Retrofit Kit

7. Insert retrofit sockets in place of the previously removed sockets.

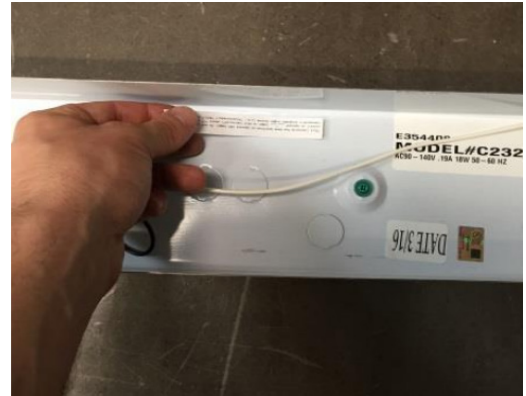


8. Reconnect the existing half of the yellow disconnect from the ceiling to the new retrofit disconnect.



9. Use existing ground screw shown to ground fixture.

10. Adhere sticker reading, "This luminaire has been modified to operate LED lamps. Do not attempt to install or operate ___*___ lamps in this luminaire", where "*" represents the luminaire's original light source (i.e.: "fluorescent," "HID," etc.).



11. Replace ballast cover and LED tubes



12. Turn on line power to the fixture at the breaker panel.

"WARNING - Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components"

"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 - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire"

"Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation"

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

"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."

Catalog Number:
Notes: