

## 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 and single end purposes.

- 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.  
 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](http://www.mobern.com/EZLEDemergency).

### ORDERING DATA

### EXAMPLE: RLK148LEDWRL15W840LUN

Series		# Lamps	Configuration	Lamp Wattage (Optional)	Lamp Brand (Optional)
RLK Retrofit Lamp Kit For LED Tubes	1	1 Lamp	LED One end hot LED tube	<b>24 inches</b> L7W 7 Watts 950 Lumens <u>Keystone</u>	Blank House Brand Lamp
	2	2 Lamps	LED-2E Two end hot LED tube	L9W 9 Watts 1150 Lumens <u>Lunera</u>	LUN Lunera Brand
	3	3 Lamps	LED-2ESP Single pin 8ft spring loaded socket**	L15W 15 Watts 1700 Lumens	KEY Keystone Brand
	4	4 Lamps		<b>48 inches</b> L12W 12.5 Watts 1750 Lumens <u>Keystone</u> L15W 15 Watts 1850 Lumens <u>Lunera</u> L18W 18 Watts 2100 Lumens	
<b>Lamp Length (Optional)*</b>		24 24 inches 48 48 inches 96 96 inches	**96 inch lamp only	<b>Color Temp (Optional)</b>	830 3000K 835 3500K 840 4000K 850 5000K
			<b>Wiring (Optional)</b> WR Prewired for LED tubes		

\*Only specify length when ordering with lamps

Dimensions and specifications subject to change without notice.

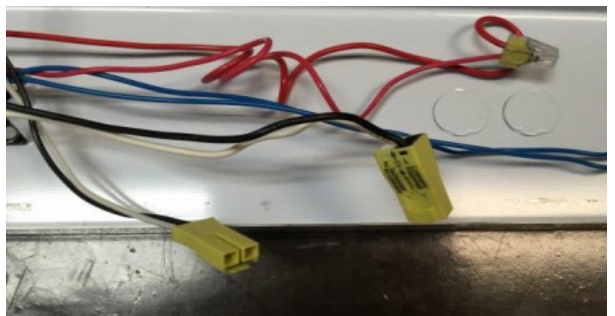


CAT#	
JOB NAME	
TYPE	

## Installation Instruction for LED

### 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 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.



Dimensions and specifications subject to change without notice.



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



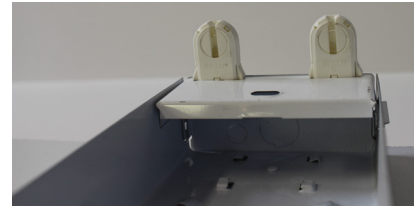
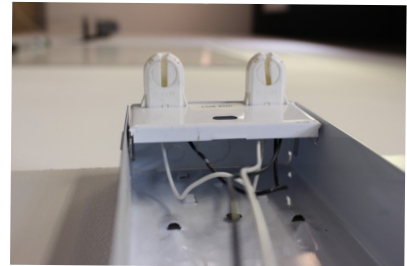
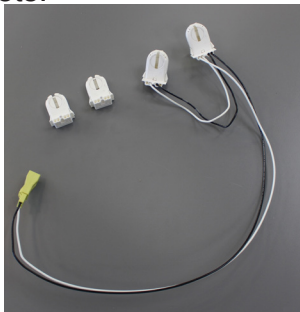
6. Unfasten screws holding down ballast. Remove ballast and sockets at once. Discard according to manufacturer's recommendation.

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.



Dimensions and specifications subject to change without notice.



## Installation Instruction for LED-2E

### Removal of existing components

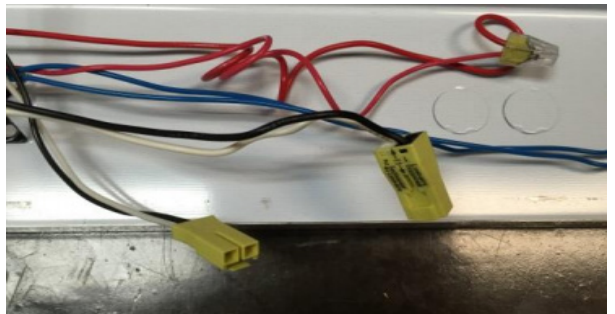
1. Shut off line power to the fixture at the breaker panel.
2. Disconnect and remove existing T8 lamps and discard as recommended by the provider, as they may contain mercury.



3. Remove ballast cover and set aside.



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



Dimensions and specifications subject to change without notice.





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.



Dimensions and specifications subject to change without notice.

