



## RAPID LINK BAR SYSTEM (RLB) INSTALLATION INSTRUCTIONS

These instructions do not purport to cover all details or variations in components nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance. Should further information be desired or should a particular problem arise which is not covered sufficiently for the purchaser's purpose, the matter should be referred to Linmore LED Labs. Linmore does not claim liability for any installation not performed according to this guide or not by a qualified electrician.

### IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. **DANGER – RISK OF SHOCK – DISCONNECT POWER BEFORE INSTALLATION**
2. **WARNING** – Risk of fire or electric shock. LED Upgrade Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, contact a qualified electrician.
3. **WARNING** – Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of the LED upgrade kit. Check for enclosed wiring and components.
4. **WARNING** – Risk of fire or electric shock. Check the existing wiring for damage before installing upgrade kit. Do not install if existing wires are damaged.
5. **WARNING** – To prevent wiring damage or abrasion, do not expose wires to the edge of sheet metal or any other sharp objects.
6. **WARNING** – Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
7. The retrofit assembly is accepted as a component of a luminaire where the suitability of the combination shall be determined by UL or authorities having jurisdiction.
8. Only the holes indicated in the photographs or drawings may be made or altered as a result of the kit installation. Do not leave any other holes open in a wiring enclosure or electrical component.

## SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE NOTES:

1. Upgrade Kit is for installation in a common dry or damp location fluorescent strip, high/low bay, troffer, wrap or other suitable luminaire, with or without a diffuser operating at 100-277 Volts AC, without a dimming control.
2. Consult your local authority regarding disposal or recycling of removed ballast and lamps.
3. The RLB is not suitable for use with dimming or battery back-up fixtures.

## LIST OF SUPPLIED COMPONENTS:

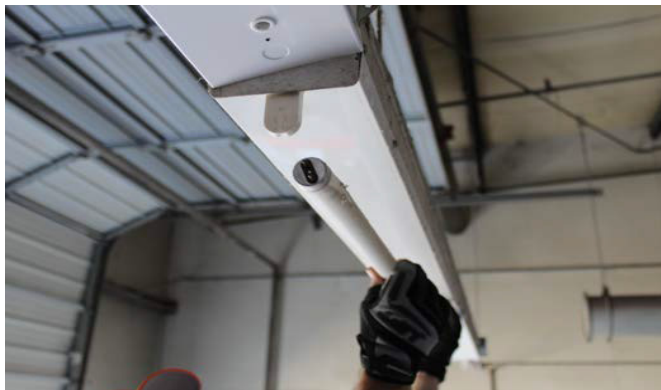
1. Rapid Link Bar(s)
2. 2 Mounting Clips per Bar
3. Incoming Power Cord (IPC) per Order
4. Linking Power Cord(s) (LPC) per Order

## LIST OF ITEMS INSTALLER MAY HAVE TO SUPPLY:

1. Suitable Fasteners for Mounting Clips
2. Additional wire to extend wire length of Incoming Power Cord
3. Wire nuts or similar connectors

## NOTE: THE INSTRUCTIONS BELOW REFLECT THE STEPS NECESSARY FOR RETROFIT OF A TYPICAL FLUORESCENT LUMINAIRE

1. **Step 1:** Disconnect power before installation.
2. **Step 2:** Remove the existing linear fluorescent tubes and properly dispose of them.



3. **Step 3:** Remove the wiring compartment cover. Set aside.



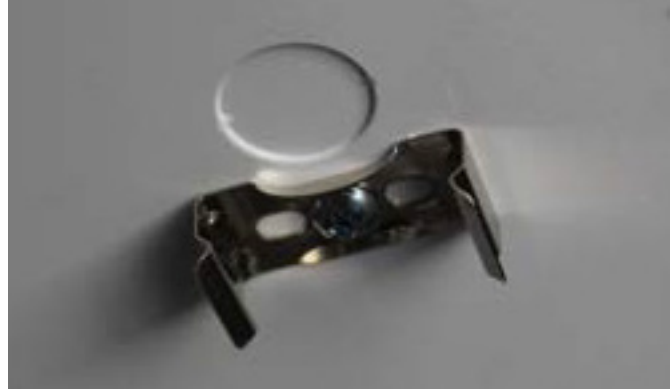
4. **Step 4:** (Optional) Installer will need to determine the best method to route the IPC from the line voltage connection to the first Rapid Link Bar. Drilling a hole and using a protective bushing may be required.



5. **Step 5:** Connect 120-277v line voltage to the Incoming Power Cord and re-install wiring compartment cover



6. **Step 6:** With suitable fastener, secure the 2 mounting clips. Installer to determine the appropriate spacing of the clips based on the RLB length and any fixture factors.



7. **Step 7:** Connect the IPC to the mating end of the RLB. The RLB has distinct Male and Female ends and the IPC/LPC has mating connections to always maintain proper polarity and grounding. It is the installer's responsibility to insure that the IPC/LPC is fully inserted into the RLB.

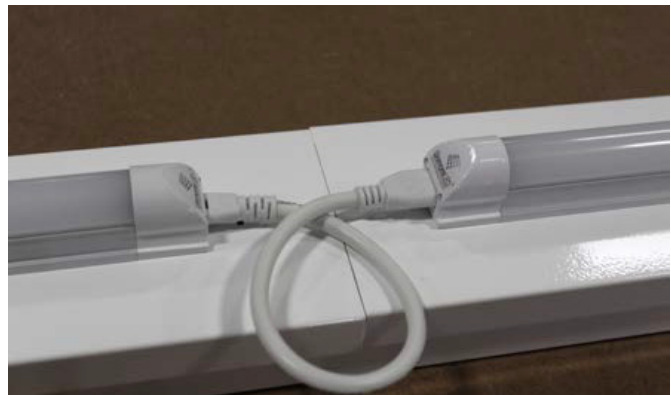


8. **Step 8:** Press the RLB into the mounting clips and **confirm that the RLB is completely seated and secure.**

If you are not using the end mounting tabs and you would like these removed, simply break off at the perforation.



9. **Step 9:** (Optional) Up to 40 Rapid Link Bars can be linked using Linking Power Cords from a single incoming power connection. Repeat Step 6 for the number of RLBs that will be linked. Using the appropriate length LPC to link each additional RLB. Mate the proper Male/Female from the LPC to the mating side on each RLB. It is the installer's responsibility to insure that the **IPC/LPC is fully seated** into the RLB and to make sure that the length of the LPC is suitable to maintain full insertion into the RLB.



10. **Step 10:** Restore the power supply to the fixture and ensure proper operation.