LED Tube Installation Guide

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. CRITICAL SAFETY INSTRUCTIONS:

- Risk of fire or electric shock. If you are unfamiliar with any terms used in this instruction manual, do not attempt installation. Contact a qualified electrician.
- Be certain electrical power is off before and during installation and maintenance.
- Make sure the supply voltage is the same as the rated luminaire fixtures voltage.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or sharp objects. Suitable for damp locations.

INSTALLATION

WARNING: *Rewiring of a fluorescent fixture for use with LED tubes should be performed by individuals who have been properly trained to perform basic electrical maintenance and repair. Please read through these instructions thoroughly before proceeding!*

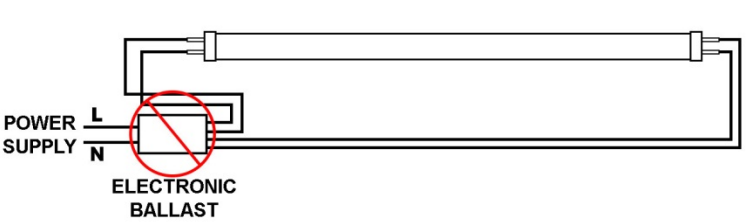
NOTE: Unlike traditional fluorescent tubes, LED tubes do not use ballasts or starters. These LED tubes are energized by Line (L) supplied to one end and Neutral (N) supplied to the opposite end.

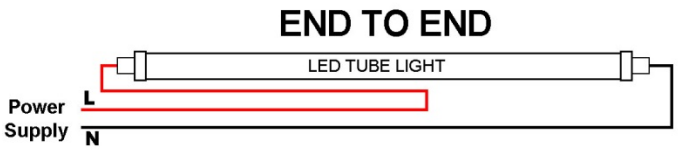
Before opening and disassembling your fixture, ensure that the power has been turned off at the main circuit breaker or unplugged from its power source and the fluorescent lamps have been removed

END TO END

1. These LED tubes will work with shunted (single wire) sockets or tombstones. A single Line (L) and Neutral (N) wire is supplied at each end of the tube.
2. Remove or disconnect the starter and ballast.
3. Replace any broken sockets or tombstones if necessary. If you choose to leave the starter, ballast, or cut wiring in the fixture (or if it cannot be easily removed) make sure that all unused lead wires covered with wire nuts, rolled up, and secured out of the way.
4. Connect the line and neutral wires to the proper sides of the fixture as shown below. Make sure any wire connections are secured with wire nuts and wrapped with electrical tape. Make sure the fixture is properly grounded before reassembling the fixture.
5. Install the new LED tubes in the fixture.

NOTE: Some LED tube lamps are powered from a single end only, and will be capped at the other end. These lamps are not designed for end to end configurations.





THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.