



T-SERIES LED TUBE INSTALLATION INSTRUCTIONS

WARNINGS:

- **Always make absolutely sure the power is off!**
- When testing for feeds, it is necessary to have the power on. Only have the power on **when doing the testing**. Otherwise, the power must remain off for your safety!
- Always follow local and regional NEMA Electrical codes. The NEMA code provides information on proper procedures and safety guidelines. The NEMA codes specify proper tools, connection methods and specifications on materials.
- Creative Lighting Solutions llc, and/or www.CreativeLightings.com can and will not be liable for any modifications or results of modifications to electrical devices or fixtures. These 'instructions' are provided as a reference. By using the 'instructions' included, you are solely responsible for following all applicable electrical safety procedures, codes, methods and materials.
- If you are unsure about any electrical modification or installation, please consult a licensed electrician or electrical contractor in your area.

CAUTION:

THIS PRODUCT REQUIRES 12VDC-24VDC TO OPERATE PROPERLY.

DO NOT INSTALL THIS PRODUCT DIRECTLY INTO A FLUORESCENT FIXTURE THAT CONTAINS A BALLAST AND/OR STARTER.

- A.) Before installing the LED Fluorescent Replacement Tube, Disconnect the power supply to the light/fixture for your safety. Wiring the fixture to use the LED Fluorescent Replacement Tube is simple, but should be performed by a qualified/licensed professional observing all normal safety procedures.
- B.) LED FLUORESCENT TUBE:
- The two (2) pins at each end of the LED Fluorescent Replacement Tube are internally connected together. You may apply line voltage to either one pin or both.
 - **NEVER APPLY BOTH HOT (typically RED) and NEGATIVE (typically BLACK) TO THE SAME END OF THE TUBE! THE INDIVIDUAL PINS AT EACH END ARE INTERNALLY SHORTED!!**
 - The LED Fluorescent Replacement Tube fits in any T-SERIES Medium Bi-Pin (T8/T10/T12) socket. Replacement of the lamp holders should not be necessary.

PLEASE REFERENCE THE WIRING DIAGRAM FOR BALLAST REMOVAL AND WIRING OF THE T8 LED FLUORESCENT TUBE!

Wiring Diagram

1. Retrofit

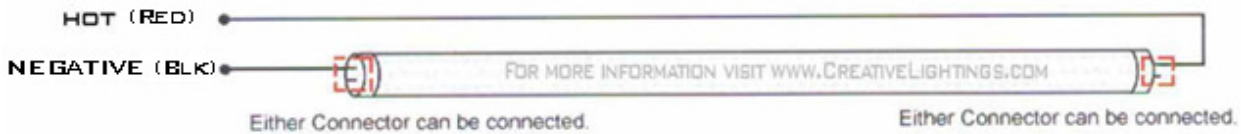
Before:

CREATIVE LIGHTING SOLUTIONS
T8 LED FLUORESCENT LIGHT TUBE
WIRING DIAGRAM - BALLAST REMOVAL



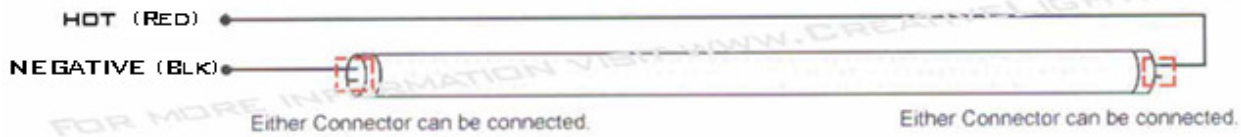
After:

DC: 12~24VDC



2. New Installation

DC: 12~24VDC



FOR MORE INFORMATION VISIT WWW.CREATIVELIGHTINGS.COM

CUT AND REMOVE THE BALLAST FROM THE EXISTING FIXTURE.



**WIRE THE LINE CORD HOT (BLACK) TO BOTH WIRES FROM THE SOCKET (blue in picture).
WIRE THE LINE NEUTRAL (WHITE) TO THE OPPOSITE END SOCKET'S WIRES (red in picture)
CONNECT THE GROUND (GREEN) WIRES AND SECURE ALL CONNECTIONS WITH WIRE NUTS.**



CLOSE THE FIXTURE AND SECURE ALL FASTENERS, CLIPS AND CORDS.

