



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 90VAC – 277VAC 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 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 BLACK) and NEUTRAL (typically WHITE) 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.

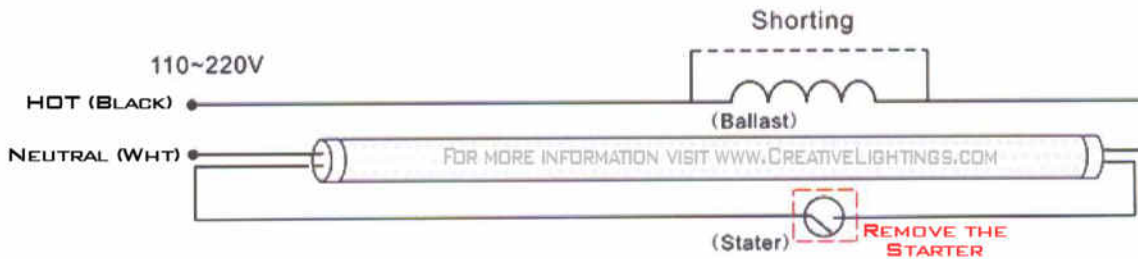
PLEASE REFERENCE THE WIRING DIAGRAM FOR BALLAST REMOVAL AND WIRING OF THE T8 LED FLUORESCENT TUBE!

Wiring Diagram

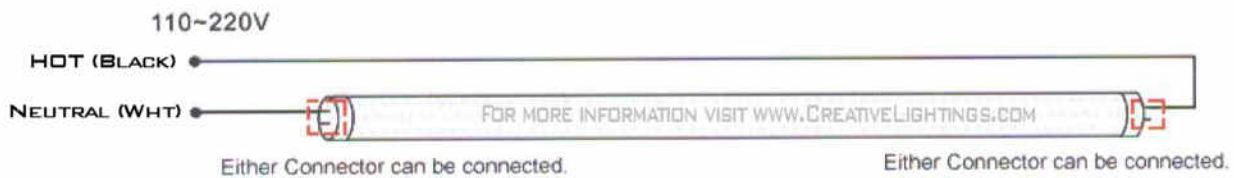
1. Retrofit

Before:

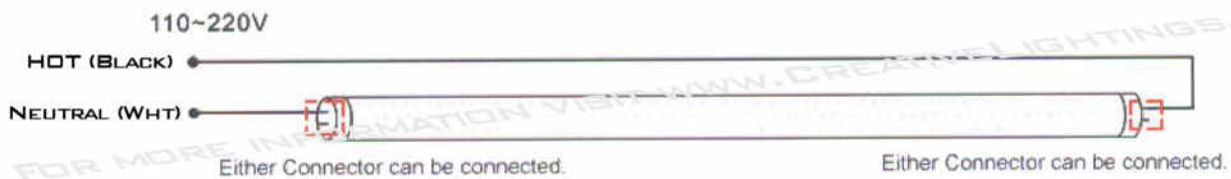
CREATIVE LIGHTING SOLUTIONS
T8 LED FLUORESCENT LIGHT TUBE
WIRING DIAGRAM - BALLAST REMOVAL



After:



2. New Installation



FOR MORE INFORMATION VISIT WWW.CREATIVELIGHTINGS.COM

THE CREATIVE LIGHTING SOLUTIONS 17W LED TUBE/300 LED TUBE ONLY OPERATES ON STRAIGHT AC LINE VOLTAGE! REMOVE BALLAST AND STATRTER PER DIAGRAM ABOVE. AFFIX THE WARNING LABELS INCLUDED TO THE FIXTURE IN OBVIOUS SIGHT.

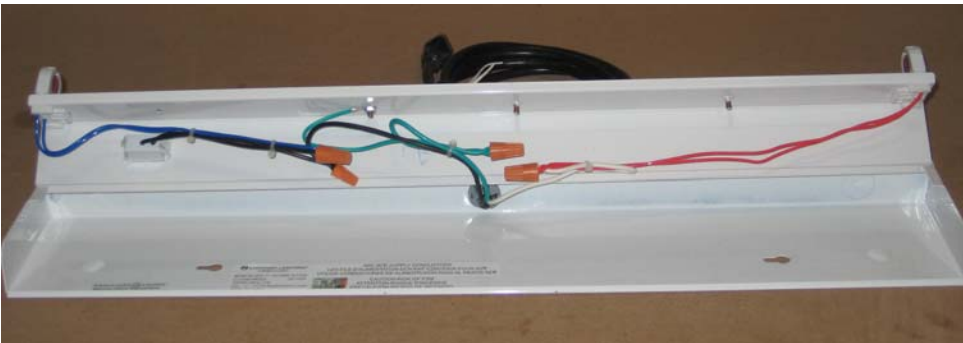
THE CREATIVE LIGHTING SOLUTIONS 18W OR 36W (8FT) LED TUBE CAN OPERATE ON A TRADIONAL MAGNETIC BALLAST AND STARTER. DUE TO THIS FEATURE, THESE LAMPS MAY FLASH BRIEFLY AS THE POWER SUPPLY SENSES THE PRESENCE OF A BALLAST OR LINE VOLTAGE WHEN TURNED ON. AFFIX THE WARNING LABELS INCLUDED TO THE FIXTURE IN OBVIOUS SIGHT.

IF THIS OPERATION IS NOT DESIRED, PLEASE SEE OUR AVAILABLE 17W ETL LED TUBE LIGHT WHICH IS INSTANT ON.

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.



THIS PARTICULAR "HARDWIRE" FIXTURE HAS A 'ROTATING' T-SERIES MEDIUM BI-PIN SOCKET THAT LOCKS AT 45 DEGREES. THIS ALLOWS US TO 'POINT' THE LEDS DIRECTLY TOWARD THE ROUNDED EDGE OF THE DIFFUSER MAKING THIS FIXTURE IDEAL OF UNDER CABINET OR TASK LIGHTING.