



Retrofit Installation Guide

CLEANLIFE® LED Light Tubes

Welcome:

Thank you for purchasing CLEANLIFE® LED Light Tubes, we appreciate your commitment to save energy and protect the environment.

Product Specifications:

Item:	Model:	Distance between sockets:	Input Rating (VAC):
CLEANLIFE® 12" LED Light Tube	CL-T9XXX-XX-56X-12	12 inches	100~277V
CLEANLIFE® 15" LED Light Tube	CL-T9XXX-XX-56X-15	15 inches	100~277V
CLEANLIFE® 18" LED Light Tube	CL-T9XXX-XX-56X-18	18 inches	100~277V
CLEANLIFE® 24" LED Light Tube	CL-T9XXX-XX-56X-24	24 inches	100~277V
CLEANLIFE® 26" LED Light Tube	CL-T9XXX-XX-56X-26	26 inches	100~277V
CLEANLIFE® 28" LED Light Tube	CL-T9XXX-XX-56X-28	28 inches	100~277V
CLEANLIFE® 30" LED Light Tube	CL-T9XXX-XX-56X-30	30 inches	100~277V
CLEANLIFE® 36" LED Light Tube	CL-T9XXX-XX-56X-36	36 inches	100~277V
CLEANLIFE® 48" LED Light Tube	CL-T9XXX-XX(X)-56X-48	48 inches	100~277V
CLEANLIFE® 60" LED Light Tube	CL-T9XXX-XX(X)-56X-60	60 inches	100~277V
CLEANLIFE® 62" LED Light Tube	CL-T9XXX-XX(X)-56X-62	62 inches	100~277V
CLEANLIFE® 72" LED Light Tube	CL-T9XXX-XX(X)-56X-72	72 inches	100~277V

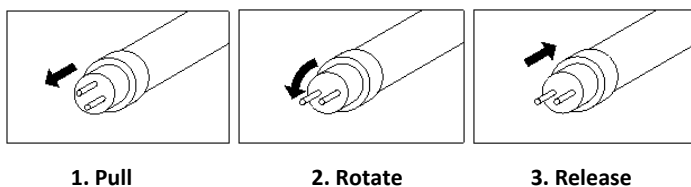
Retrofit Instructions:

1. Remove diffuser (if applicable) and fluorescent lamp.
2. Open the Wiring Compartment Cover if necessary.
3. Cut off all wires which are connected to the ballast.
4. Connect one wire from each lampholder together.
5. Connect one wire from the lampholder to branch circuit L (Live wire) and the other wire at the opposite end to the Branch Circuit N (Neutral wire).
6. Close the Wiring Compartment Cover.
7. Install CLEANLIFE® LED Light Tube.
8. Repeat steps 3 to 5 for each additional lamp\ballast based on Illustrations to the right.
9. Turn on power.

Attention:

Up to four tubes can be operated in a luminaire with or without diffuser as shown in the illustrations to the right:

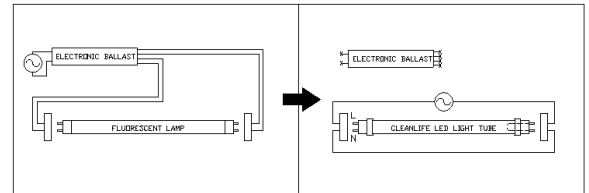
Directions for rotating end caps:



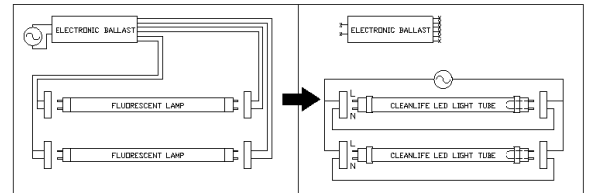
Attention:

CLEANLIFE® LED Light Tubes are suitable to replace either T8 or T12 fluorescent lamps in fixtures containing standard non-shunted G13 (medium bi-pin) lampholders.

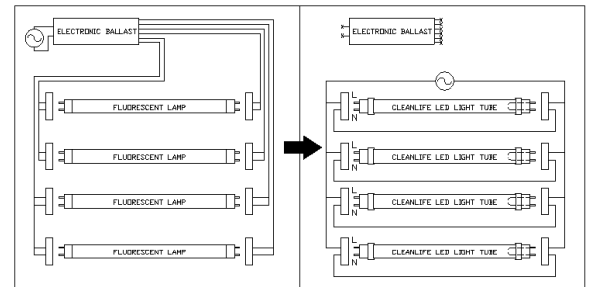
Retrofit Luminaire with One Lamp and One Ballast



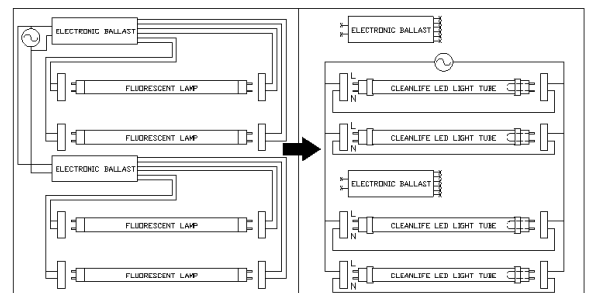
Retrofit Luminaire with Two Lamps and One Ballast



Retrofit Luminaire with Three/Four Lamps and One Ballast



Retrofit Luminaire with Three/Four Lamps and Two Ballasts



WARNINGS, CAUTIONS AND OPERATING INSTRUCTIONS

WARNING:

"THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED."

1. Risk of fire or electric shock. The electrical rating of these products are 100~277V, the installer must determine whether they have 100~277V at the luminaire before installation.
2. Risk of fire or electric shock. Luminaires wiring, ballasts, or other electrical parts may be damaged when installing of reflector kit hardware. Check for enclosed wiring and components.
3. Risk of fire or electric shock. Install this kit only in the luminaires that has the construction features and dimensions shown in the photographs and/or drawings
4. To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
5. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

DANGER-RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION.

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.

WARNING: To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lampholders. Note: Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts. Instant-start ballasts can be identified by the words "Instant Start" or "I.S." marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself, or may be combined with the marking for the lamps with which the ballast is intended to be used, for example F40T12/IS.

Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.

CLEANLIFE™ LED Light Tube 5-YEAR LIMITED WARRANTY

CLEANLIFE™ LED Light Tubes are warranted to be free and clear of defects in materials and workmanship for a period of five years from the date of purchase. This warranty covers defects in manufacturing discovered while using the product as recommended by the manufacturer and does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code, or instructions for use in installations.

The foregoing warranty constitutes the sole and exclusive remedy of the purchaser and the sole liability of CLEANLIFE ENERGY for CLEANLIFE™ LED Light Tube warranties. NO WARRANTIES OF PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE IS MADE EXPRESSED, ORALLY, OR IMPLICITLY BY CLEANLIFE ENERGY. In no event shall CLEANLIFE ENERGY be liable for any other costs or damages, including lost profits, indirect, incidental, consequential, special, or punitive damages.

If a CLEANLIFE™ LED Light Tube fails due to a defect covered by this warranty, CLEANLIFE ENERGY will, at its option, either replace the product or provide a credit equal to the current price CLEANLIFE ENERGY charges for the product. To make a warranty claim, retain the failed products, and notify a CLEANLIFE ENERGY sales representative in writing within thirty (30) days of the failure.

DO NOT USE WITH DIMMERS

**RISK OF ELECTRIC SHOCK- USE IN DRY LOCATIONS ONLY.
NOT FOR DIRECT REPLACEMENT OF FLUORESCENT LAMPS.**

**THIS DEVICE IS NOT INTENDED FOR USE WITH
EMERGENCY EXITS.**

**Lamps must be operated within an ambient fixture
temperature of -22F (-30c) and 113F (45c) to comply with
all safety and warranty regulations.**

For more information, please contact us at:



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