

InstantStart® LED Light Tubes

SERIES: CL-T8-XXWXXXX(XXXX)

INSTALLATION MANUAL



SAFETY INFORMATION

BEFORE YOU BEGIN: Read these instructions completely and carefully. Read and observe all CAUTIONS and WARNINGS shown throughout these instructions.

SAVE THESE INSTRUCTIONS: These instructions do not purport to cover all details or variations in parts nor do they 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 CLEANLIFE ENERGY LLC.

FOR YOUR SAFETY:

- Installation to be performed by trained or qualified personnel. Ensure this manual is provided to the installers and users.
- Use this product only in the manner intended by the manufacturer. If there are any questions or concerns, contact the manufacturer.
- The product is designed for indoor use only and should not be used in environments with high temperatures or high humidity.
- The product is not intended for use with EMERGENCY exits.
- Suitable for damp locations.
- Do not install in a raceway or luminaire marked for through branch wiring.

WARNING: Failure to comply with these instructions could result in fire, a potentially fatal electric shock, risk of injury, property damage and/or product damage.

- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Not for use with dimmers.
- Lamps work on line voltage or with compatible ballast (see page 2 for details).
- Always connect ground lead to fixture where applicable.
- Tube may fall down if not installed properly. Follow installation instructions.
- Wear safety glasses and proper aid during installation and maintenance.
- Disconnect power before installation or maintenance. Contact a qualified electrician for installation if needed.
- Do not remove the InstantStart® LED tube lamp enclosure (cover and caps).
- Luminaire wiring, ballasts, or other electrical parts may be damaged when drilling for installation of reflector kit hardware. Check for enclosed wiring and components.

PLANNING INSTALLATION

HARDWARE INCLUDED

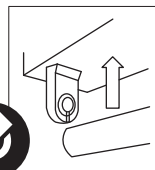
- The parts have been properly packed to avoid damage during transit. Inspect the parts to confirm there is no physical damage.
- Do not install damaged parts.

INSTALLATION



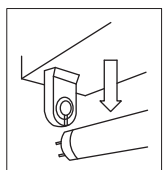
STEP 1

Ensure that the power to the circuit breaker is turned off. Use proper Lock out and Tag out procedures.



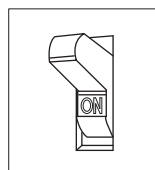
STEP 3

Insert the new InstantStart® LED Tube by aligning pins and rotate to optimal viewing angle. Attach the cover on the light fixture.



STEP 2

Remove existing fluorescent lamps. Unlock existing tube by rotating slightly. Remove tube.

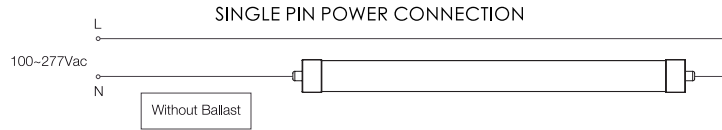
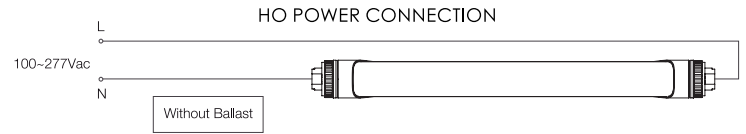
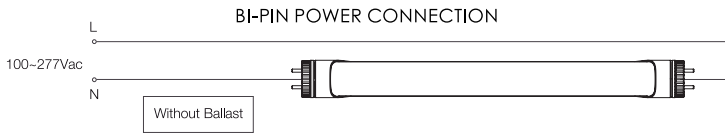


STEP 4

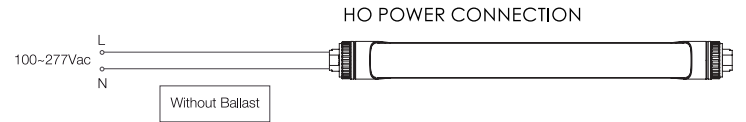
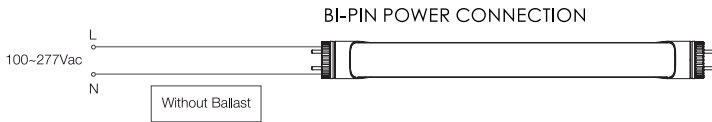
Restore the power supply and turn on the lights to ensure lamps are operating correctly.

WIRING DIAGRAM FOR BALLAST BYPASS

DOUBLE END POWER CONNECTION: This installation method is for all tube sizes. (12", 15", 18", 20", 24", 26", 28", 30", 33", 36", 48", 60", 64", 72", 96")



SINGLE END POWER CONNECTION: This installation method is ONLY for tubes 48" and smaller. (12", 15", 18", 20", 24", 26", 28", 30", 33", 36", 48")



BALLAST COMPATIBILITY

Please contact your CLEANLIFE® sales representative for more information.

5-YEAR LIMITED WARRANTY

CLEANLIFE® InstantStart® 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 of CLEANLIFE® InstantStart® LED Light Tubes. NO WARRANTIES OF PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE IS MADE EXPRESSLY, 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® InstantStart® 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.

STICKER APPLICATION

CLEANLIFE® window decal included.
Please use the following steps when applying.



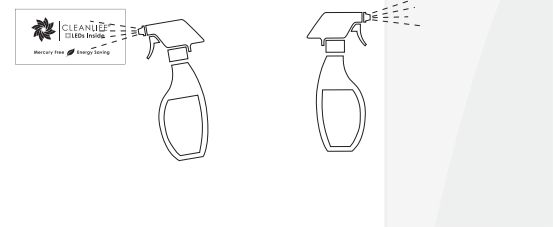
STEP 1 PREPARE SOAPY WATER SOLUTION

Add 1 drop of liquid dish soap into an empty spray bottle, and fill the spray bottle with water.



STEP 2 APPLY SOLUTION TO STICKER AND GLASS

Apply 1 spray of the soapy water solution directly onto the sticker adhesive and onto the glass in the location where sticker will be placed.



STEP 3 ADHERE STICKER TO GLASS

Apply the sticker onto the dampened glass. Pass the edge of a round-edge squeegee over the back of the sticker to adhere it to the glass, and smooth out any air bubbles. Use a paper towel to wipe away excess water.

