

# LED T8 Glass & Aluminum/Plastic Lamp Installation Instructions

## Cautions

1. Make sure power is removed or turned off before installing product.
2. 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 hazards involved.
3. The product must be installed in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety.

## Précautions

1. Veillez à ce que le pouvoir est supprimé ou désactivé avant d'installer le produit.
2. Ce produit doit être installé conformément au code d'installation en vigueur par une personne familière avec la construction et l'exploitation des produits et des risques impliqués.
3. Le produit doit être conforme au Code électrique National et tous les codes. Raccordée à la terre est nécessaire pour la sécurité.

## Installation

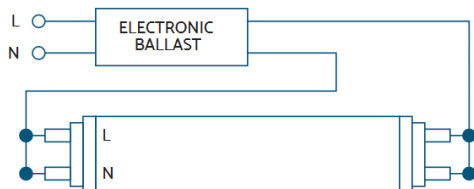
- Make sure power is off or removed before installing LED T8 tubes or making any electrical connections.
- Remove existing bulb from fixture. Slide pins of LED tube into existing lamps holders on fixture and turn to lock into place.



## Wiring

- Follow wiring diagrams below to ensure existing fixture is properly wired for LED T8 tube use.
- If existing fixture ballast does not work with LED T8 tube, follow wiring diagram below for direct wiring.

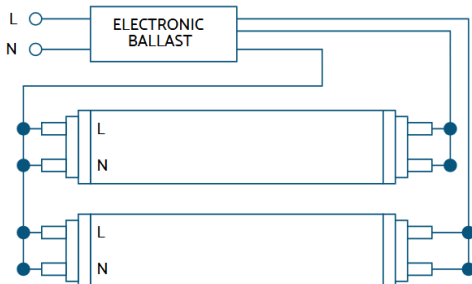
### Electronic Ballast–Single Lamp



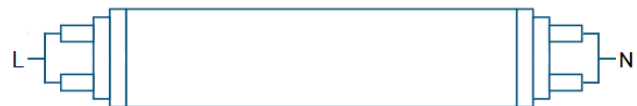
### Direct AC Power Connection–Single Side



### Electronic Ballast–Double Lamp



### Direct AC Power Connection–Dual Side



# Maintenance

**NOTE:** For employee safety, all power connections shall be turned off or removed before performing any maintenance on lighting fixtures. Persons performing maintenance shall be familiar with construction and operation of product, plus the hazards involved.

## Cleaning Schedule

To maintain proper efficiency of luminaire, a regular cleaning schedule needs to be established in regards to the placement, location and conditions of product installation. Frequency of cleaning shall be to the discretion of the end user, but should be no less than every 90 days. If conditions mandate, a more frequent cleaning schedule must be implemented. Improper cleaning may result in component malfunctions, product failure and voidance of warranty.

## Fixture Cleaning

- If applicable – use air to blow dust and debris from lens, hood, heatsinks and drivers before wiping with a cleaning solution.
- Use only mild, nonabrasive cleaners. Spray cleaner onto **soft** cloth and wipe surface of lens before wiping down other surfaces of lighting fixture.
- If needed – use a very **soft** brush or duster to remove excess particles from between heatsinks, drivers or other difficult to reach areas.
- Note any damage (cracking, splitting, peeling, breaks). Contact Full Spectrum Solutions Inc. if damage replacement is necessary.

## Hardware

- Fixture hardware shall be inspected before each cleaning.
- Check to make sure all hardware connections are secure. Make sure to tighten any loose screws, bolts, nuts, liquid tight connectors, strain reliefs or electrical connections.
- Note any instances of damaged hardware. If any hardware is found to be consistently loose, damaged or questionable in any manner, contact Full Spectrum Solutions Inc.

## Electrical Connections

- Check electrical connections each time maintenance is performed.
- Check to make sure all components (drivers, sensors, transformers, etc.) are properly connected and secured.
- Proper wiring connections and ground are imperative for fixture performance and customer safety.