

WARNING

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

- To prevent personal injury or product damage only licensed electricians should install.
- To avoid electric shock or component damage disconnect power before attempting installation or servicing.
- This product must be installed in accordance with the national electric code (NEC) and all applicable federal, state and local electric codes and safety standards.
- These Luminaire (fixtures) are designed to meet the latest NEC requirements and are listed in full compliance with UL1598.
- Disconnect product and allow cooling prior to servicing.
- Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
- To prevent product malfunction and/or electrical shock this product must be properly grounded.
- 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.
- If the lamp or luminaire exhibits undesirable operation(bussin, flickering, etc.), immediately turn off power, remove the lamp from the luminaire and contact the manufacturer.
- Lamps are not to be used with a dimmer switch.
- Test lamp before mass installation.
- Not intended to be used with emergency exits.
- Suitable for damp locations.

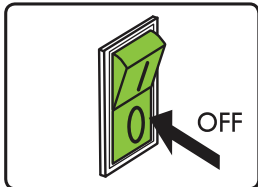
Installation Instructions: Plug & Play (Type A)

I. Check the existing ballast and make sure it is in the manufacturer’s ballast compatibility list.

Note: If not on the manufacturer’s list testing is required.

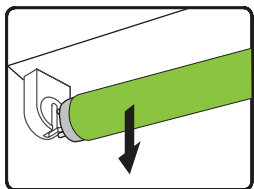
II. Ensure that the Fixture and the lampholder are secure. Any damage or loose items should be replaced or adjusted before installation.

1. Turn off the power to the light fixture at breaker panel before installation.

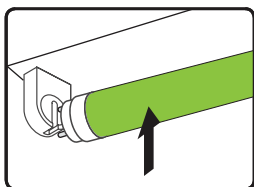


2. Open the diffuser of the lighting fixture

3. Remove the existing fluorescent tubes.
Dispose tubes properly as they contain mercury.

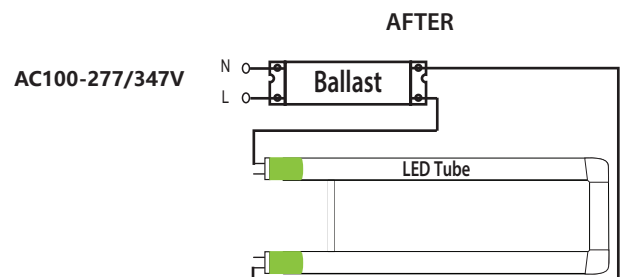
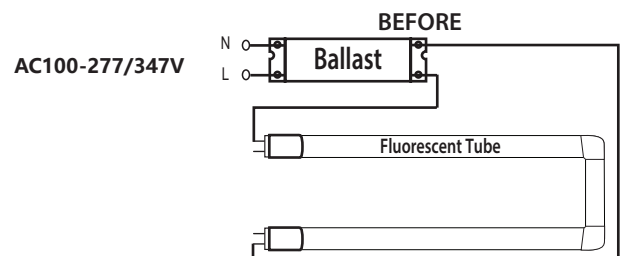
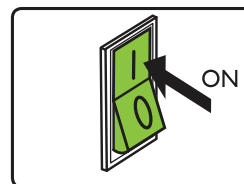


4. Install the LED tube into the lighting fixture.
Ensure that the pins have seated properly in the lampholders.



5. Close the diffuser.

6. Switch the power on to the fixture.



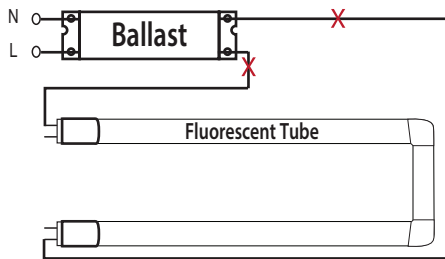
Direct Wire (Type B) Single End Power

I. Non-shunted tombstones are required for installation.

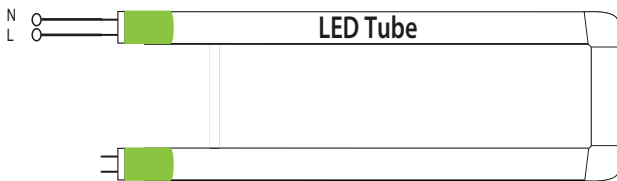
Note: If tombstone is a shunted type replace with non-shunted tombstone.

II. Ballast must be bypassed

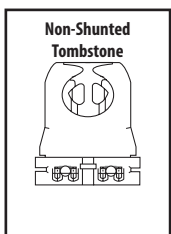
1. Turn off the power to the light fixture at breaker panel before installation.
2. Open the diffuser of the lighting fixture
3. Remove the existing fluorescent tubes. Dispose tubes properly as they contain mercury.
4. Cut wires as shown in the diagram below.



5. Wire Line and Neutral voltage output to of the lamp: Hot (L) and Neutral (N) to the same side.



6. Install the LED tube (tube orientation does not matter) and close the Diffuser.
7. Apply warning label.
8. Turn on the power.



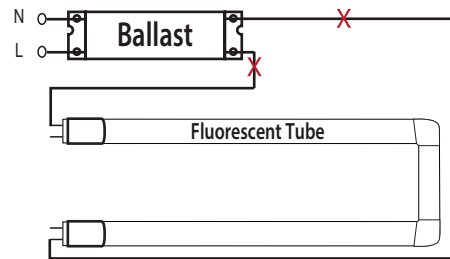
Direct Wire (Type B) Double End Power

I. Shunted or non-shunted tombstones can be used for installation.

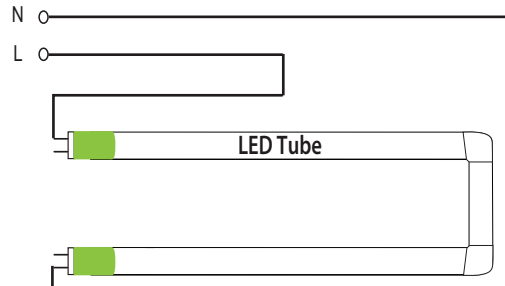
Note: If tombstone is a non-shunted type convert it to a shunted tombstone.

II. Ballast must be bypassed

1. Turn off the power to the light fixture at breaker panel before installation.
2. Open the diffuser of the lighting fixture
3. Remove the existing fluorescent tubes. Dispose tubes properly as they contain mercury.
4. Cut wires as shown in the diagram below.



5. Wire Line and Neutral voltage output to opposite ends of the lamp: Hot (L) to one end and Neutral (N) to the other end of the fixture.



8. Install the LED tube (tube orientation does not matter) and close the Diffuser.
9. Apply warning label.
10. Turn on the power.

