



# Installation Manual

\*For Use with Shunted Tombstones Only

**Product Series: univ8 LED T8**

**Rated Power: 8W, 12W, 15W & 19W**

**Input Voltage: 100-277V, 50/60Hz**

## Retrofit Procedure with Instant Start Electronic Ballast

1. Turn off the power before installation.
2. Open the diffuser from the light fixture and remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.

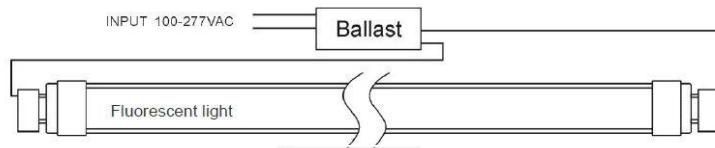


Figure 1-1

3. Install the LED tubes into the lighting fixture and close the diffuser.

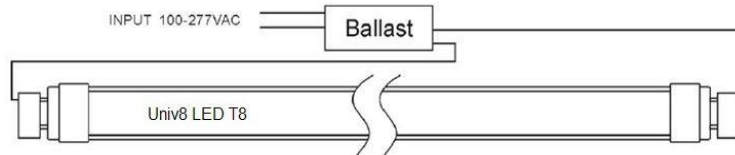


Figure 1-2

4. Turn on the power

## Retrofit Procedure without Ballast

1. Turn off the power before installation.
2. Open the diffuser from the light fixture, remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
3. Cut the wires shown as Figure 2-1 below.

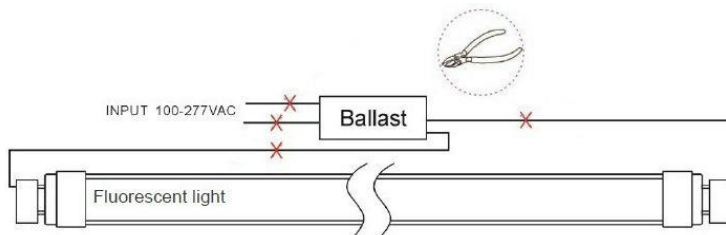


Figure 2-1

4. Make the new wire connect to branch circuit shown as Figure 2-2 below. Replace the cover over the wiring channel, and install the LED tubes and close the diffuser.

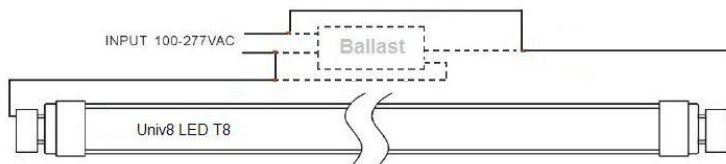


Figure 2-2

5. Turn on the power

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