



# Quick Installation Guide

## LED SMART8 Lamp

Please take the time to read this quick installation guide. The guide contains important information and notes regarding the installation and operation.

- Please keep this Quick Installation Guide for future reference.



# INSTALLATION INSTRUCTIONS

LED SMART8 Lamp - Plug & Play or Bypass Retrofit Installation

## Plug and Play Instructions

1. Disconnect the power to the light fixture at the breaker panel before installation.
2. Remove the diffuser (if provided).
3. Remove the existing fluorescent lamps from the fixture.
4. Install the LED T8 replacement lamp.
5. Replace the diffuser (if removed in step 2).
6. Reconnect the power to the light fixture and check for proper operation.

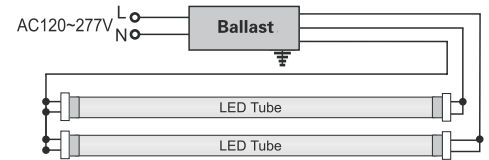


FIGURE 1

## Bypass Retrofit Installation

1. Disconnect the power to the light fixture at the breaker panel before installation.
2. Remove the diffuser (if provided).
3. Remove the existing fluorescent lamps from the fixture.
4. Cut the wires shown by the "X" in Figure 1.
5. These lamps can operate in single-ended input, Figure 2, or double-ended input, Figure 3. Select your preferred wiring method.
6. Make the new wire connections as shown by the selected wiring method.

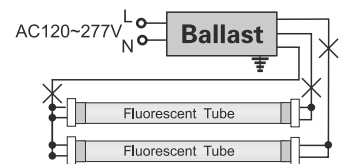



FIGURE 2

 Single-ended input CANNOT be used with shunted lampholders. If you are unsure, proceed with Double-ended input wiring method.

7. Install the LED T8 replacement lamp.
8. Replace the diffuser (if removed in step 2).
9. Reconnect the power of the light fixture and check for proper operation.

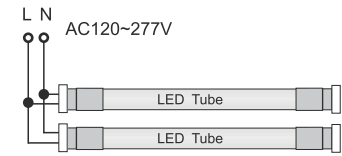


FIGURE 3

## WARNING:

- ▶ Do not install this lamp in a pre-heat luminaires.
- ▶ Loose or damaged end caps and lampholders must be replaced before installation
- ▶ Risk of electric shock.
- ▶ Use only in place of fluorescent lamps specified on the label.
- ▶ This lamp is not intended for use with emergency exits.
- ▶ These lamps are to be used in dry or damp locations only.
- ▶ These lamps are not dimmable.
- ▶ If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc), immediately turn off the power, remove lamp from the luminaire and contact the manufacturer.
- ▶ Do not make mass installations before testing a sample.

## Ballast Compatibility List

MANUFACTURER	BALLAST MODEL
Philips Advance	ICN-2P32-N
Philips Advance	GOPA-2P32-SC
Universal Triad	B232I347HP-A
Universal Triad	B232IUNVHE-N
Universal Triad	B232IUNVHP-N
Universal Triad	B232IUNVEL-N
Universal Triad	B232IUNVHEH-A
GE	GE232MAX-G-N-DIYB
GE	GE432MAX-G-N-DIYB
GE	GE232MAX-N/UL TRA
GE	GE332MAX-H/UL TRA
GE	GE332MAX-G-H
GE (Magnetic ballast)	GEM120PH120/2-DIY
GE (Magnetic ballast)	GEM1FC8T9RS120/2-DIY
GE (Magnetic ballast)	GEM220TS120/2-DIY
Osram	QTP 2x32T8/UNV
Osram	QTP 4x32T8/UNV
Sylvania	QHE 2x32T8/UNV
Epson	VE232MVHIPLE
GREEN HILL	GH4P321SUNV

\*\*\*The LED T8 lamps and the compatible ballasts shown on the chart have been tested internally by the lamp manufacturer only and not the ballast manufacturer. We are continually testing our LED lamps on various popular ballasts. We will continue to update this list as additional models are tested.

If the ballast does not appear on this list, it does not necessarily mean the model is not compatible with the LED T8 lamps. It may just be that the model has not been tested yet. Please contact us about ballasts that are not shown on this list.