

## T8 LED Tube - Type B - Dual Side Direct Wire T8BD Series

### User Manual



CONFORMS TO  
NSF STD.2

WARRANTY

\*Models with part numbers ending in "-PF" only.



Important: Read all instructions prior to installation.

T8 LED Tube - Type B - Dual Side Direct Wire

Safety and Notes

- Product should be installed by certified electrician in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.
- Avoid looking directly into the lamp when illuminated.
- Designed for direct wire installation only, bypassing existing ballasts where applicable.

Specifications

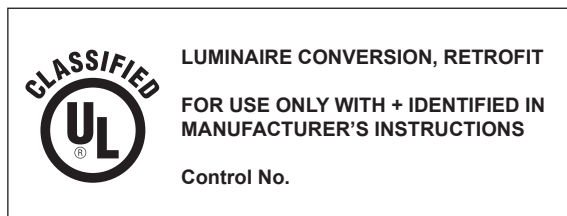
Specifications	T8BD-xK12S-GF	T8BD-xK15S-GF	T8BD-xK12S-PF	T8BD-xK15S-PF
Operating Voltage	120-277 VAC			
Wattage	12 W	15 W	12 W	15 W
Operating Temperature	-4-113°F (-20-45°C)			
Lens Material	Glass			
IP Rating	IP20			
Dimmable	No			
Warranty	5 year			
Certifications	UL Classified		UL Classified, ETL tested to NSF STD.2	

Modification Label

A label needs to be placed onto the fixture in a location that is visible during retrofit that has the following caution.

Caution Risk of Injury or Damage:

This luminaire has been modified to operate LED lamps. Do not attempt to install or operate fluorescent lamps in this luminaire.



Installation Instructions (Direct Wire)

**Caution:** When removing ballast, this product must be installed in accordance with applicable installation code(s) by a qualified electrician familiar with the construction and operation of the product and the hazards involved.

Removing Ballast

1. Remove power from fixture before replacing lamps or modifying ballast.
2. When removing existing ballast. Use FIG 1 for dual-sided installation and FIG 2 for single-sided installation. Apply retrofit label (included with luminaire), after installation, in any visible location on the fixture.
3. Before restoring power use wire nuts to cover exposed ends of any wires that have been cut.

N = Neutral (white wire)  
L = Line (black wire)

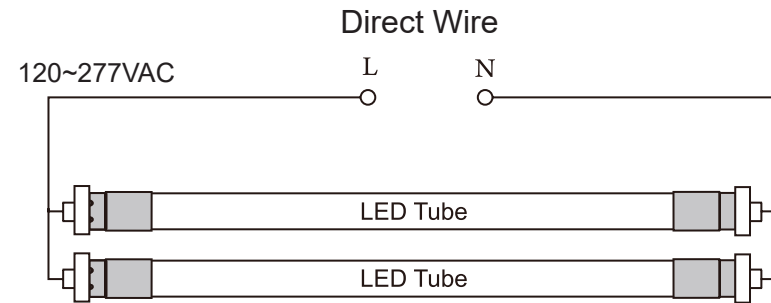
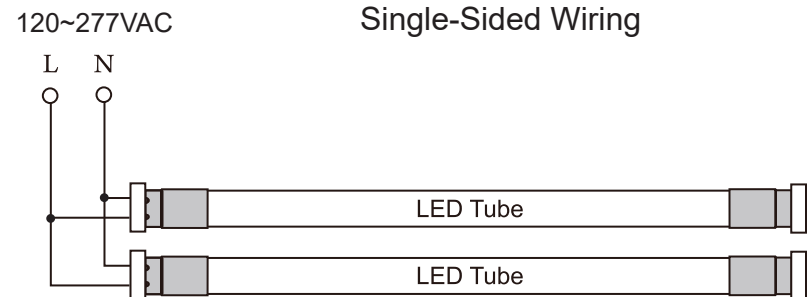


FIG 1



**Note:**  
See warning sticker on end of tube for correct orientation.

FIG 2