

# LED PRO STK Installation Instructions for 4' or 8' Strip Fixtures

## Warnings:

WARNING – Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING – Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

WARNING – Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING - Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING: To avoid potential fire or shock hazard, do not use this retrofit kit in luminaires employing shunted bi-pin lampholders. Note: Shunted lamp holders are found only in fluorescent luminaires with Instant-Start ballasts. Instant-start ballasts can be identified by the words "Instant Start" or "I.S." marked on the ballast. This designation may be in the form of a statement pertaining to the ballast itself, or may be combined with the marking for the lamps with which the ballast is intended to be used, for example F40T12/IS. For more information, contact the LED luminaire retrofit kit manufacturer.

WARNING – Lampholders included in this kit should only be installed in the intended manner and location set forth in these instructions. Re-use of existing lampholders is prohibited and voids all warranties

## Parts Included in this Kit:

2-3 End Brackets

4-8 Unshunted Lamp Holders

4-6 Tech Screws

1 Luminaire quick disconnect

1-2 Pan Cover

2-4 Quarter-turn fasteners

Warning Label: Powered End label and Do Not Alter label

## Installation Instructions:

1. Ensure that power to the existing fixture is off
2. Open fixture lens if applicable
3. Remove existing lamps
4. Remove ballast pan cover if applicable
5. Remove existing brackets with lampholders
6. Disconnect input wires to existing ballast

7. Remove ballast from fixture – warning: do not reuse existing lampholders in this retrofit  
Note: At this point you should have an empty fixture body with no components (Figure 1)
8. Prepare brackets by snapping the PREWIRED lampholders into slots on the brackets (Figure 2A)  
**\*NOTE** - If installing an 8' kit, place wired sockets in center bracket back to back.
9. Install the brackets into each end of the fixture as shown in the diagram using the provided tech screws. (Figure 2 and Figure 2A)
10. Place Do Not Alter label on inside of fixture body. All labels must be placed so that they are in full view when any maintenance is performed on the fixture.
11. Insert the incoming power supply black and white wires into the port end of the luminaire disconnect. **\*NOTE** - if the incoming wires are multi-strand, you will need to attach a short piece of solid 18 awg wire to each lead with a wire nut. Do not attempt to insert multi-strand in the disconnect.
12. Install pan cover(s) using quarter-turn fasteners into slots on each bracket (Figure 2)
13. Place Powered End label on the pan cover at the powered end. Make sure to place the label showing the powered end with the arrow pointing to the powered sockets
14. Install LED tubes with powered end of tube in the powered sockets
15. Close the fixture lens if applicable

Restore power to fixture and turn on

## Installation Diagram

Figure 1

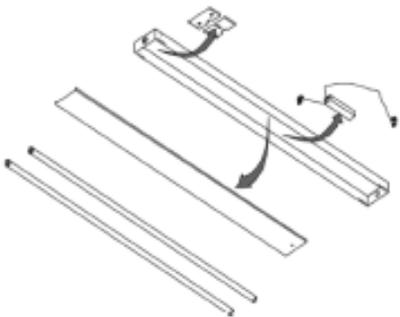


Figure 2

