

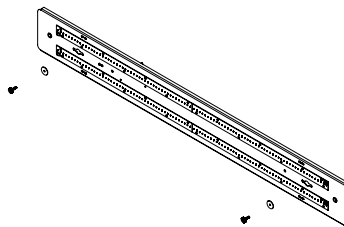
## ! CAUTION

- All wiring should be done by a licensed electrician in accordance with state codes, local codes and National Electric Code (NEC) standards.
- Improper installation may result in serious injury and void warranty.
- Contains parts and assemblies susceptible to damage by electrostatic discharge (ESD).
- 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.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Do not alter the exterior housing or lens cover.
- **CAUTION:** Risk of fire. Consult a qualified electrician to ensure correct branch circuit conductor.
- **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:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

## Tools and Materials

### Phoenix Provided

- (1) LED retrofit tray with driver (2 foot or 4 foot)
- (2) 10/32 screws
- (2) 10/32 washer
- (1) 10/32 nut

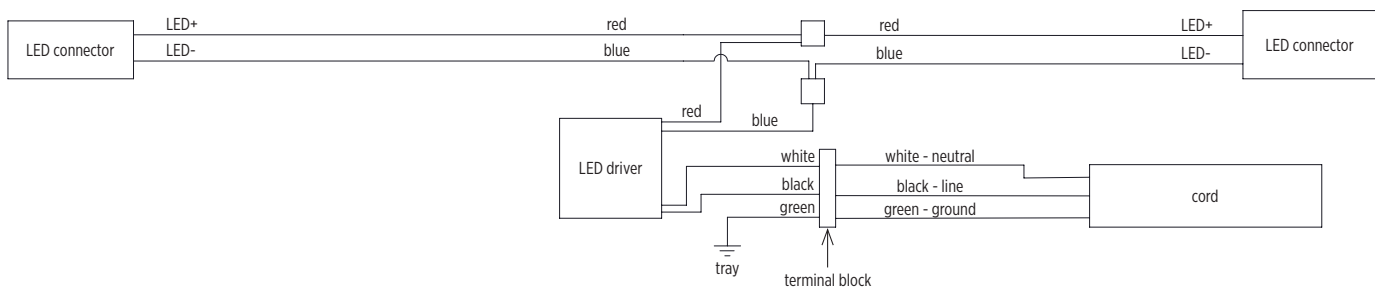


## Wiring

The standard fixture contains a factory-installed terminal block, which accepts up to 12 AWG wire.

**For AC systems:** Green is ground (PE), black is line and white is neutral.

### Wiring Diagram for Retrofit Driver Tray



### UL & cUL listed luminaires by Pauluhn for models FPS 217 & FPS 232.

Fixtures are suitable for “wet locations”.

They are also “suitable for outdoor type (saltwater)”.



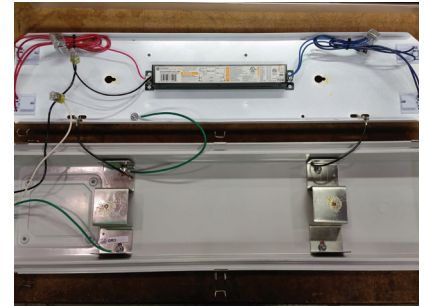
## Installation



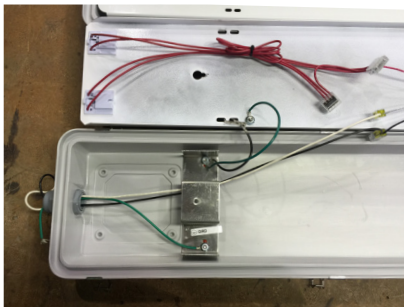
1. Turn off power supply.
2. Unhook diffuser clips.



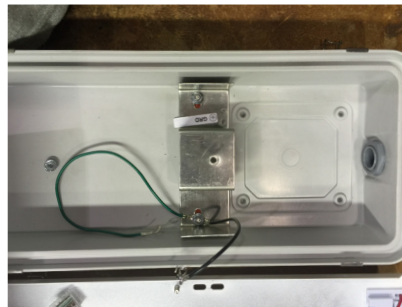
3. Remove mounting screws from ballast tray.



4. Pull ballast tray out of housing.



5. Unclip housing lanyards in both locations and takeoff ground wire (green) nut from ballast tray. Keep ground wire nut for later use.



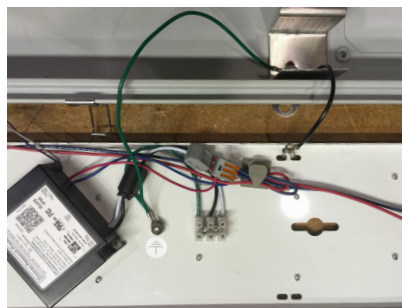
6. Remove housing ground wire nut and ground wire. Discard ground wire, and then reinstall nut.



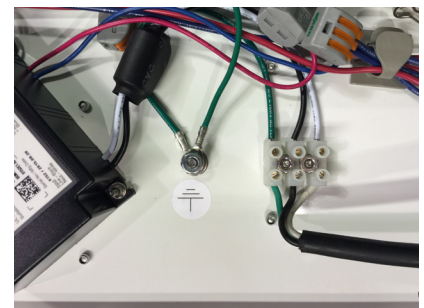
7. Properly dispose of ballast tray.



8. Reconnect one lanyard to driver tray on end without driver and terminal block.



9. Reconnect other lanyard on same side of driver tray and reinstall ground wire and nut removed in Step 5 (or the 10/32 nut supplied with kit) to location designated by ground sticker on driver tray.



10. Reconnect the supply wires to the driver tray. Refer to the 'Wiring' section on page 1.





11. Insert driver tray into housing. For best light performance, center the driver tray within the housing.



12. Tighten the driver tray using the hardware provided.



13. Reinstall diffuser lanyards to driver tray on opposite side from where housing lanyards are located.



14. Secure diffuser to housing using the diffuser clips on the housing. Turn on power supply.

