

Quick Installation Guide

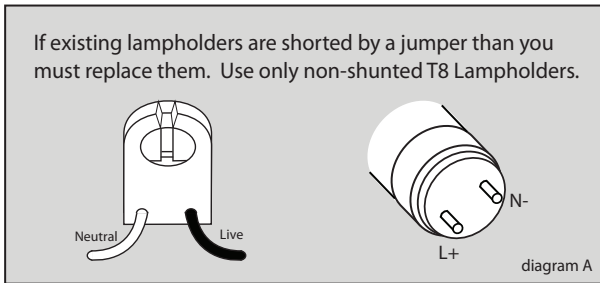
Please take the time to read this quick installation guide. The guide contains important information and notes regarding the installation and operation of the USALight US-T8-18W-41K LED T8.

***DANGER-RISK OF SHOCK-DISCONNECT POWER BEFORE INSTALLATION.**

*Risk of fire or electric shock. LED lamp installation requires knowledge of fluorescent lighting luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

During retrofit, rewiring is a MUST, please follow the installation steps below:

1. Turn off power supply to fixture.
2. Remove fluorescent lamps from fixture.
3. Open wiring compartment cover.
4. Cut all wires connected to the ballast and remove ballast from the fixture. Cut the wires close to the ballast leaving enough wire in the fixture for reconnection.
5. **Make sure the sockets are non-shunted.**
6. **Make sure the pins in the existing sockets are not joined by a jumper wire** (diagram A).



7. If the existing sockets are shunted they must be replaced with non-shunted sockets. There cannot be continuity between the pin holders in the socket.
8. The new LED replacement lamps are powered by the sockets on only one side of the fixture. Connect the "neutral" power supply wire to one wire from each socket on one side of the fixture. Connect the line or "hot" power supply wire to the remaining wire from each socket on the same side of the fixture. The sockets on the other side of the fixture are not used for power and do not require wiring but will remain in the fixture to support or hold the LED lamp.
9. Replace the wiring compartment cover.
10. Insert the new LED lamp. **Make sure the "power end" of the lamp is inserted into the socket wired with power** (diagram B).

