

T8 LED Tubes (Single-sided Wiring)

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER / MAINTENANCE ENGINEER FOR FUTURE REFERENCE

IMPORTANT INSTALLATION INFORMATION

 WARNING RISK OF ELECTRIC SHOCK • Disconnect power before performing installation or maintenance • T8 LED tubes operate at 100-277V~ 50/60Hz. • These T8 LED tubes cannot be dimmed and should not be connected to existing dimming switch/equipment. • Verify that supply voltage is correct by comparing it with the luminaire label information. • When modifying an existing T8 fluorescent luminaire to accept T8 LED tubes it is the installer's responsibility to ensure that all electrical connections are in accordance with the latest edition of the National Electric Code (NEC) and applicable local code requirements and ensure that the luminaire is electrically safe. • If the supply wire is damaged. It must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard. • All wiring connections should be capped with UL approved wire connections. • Caution-Risk of Electric Shock- The modified luminaire will no longer operate with the original lamp and electronic ballast. • To reduce the risk of fire or electrical shock, do not expose this apparatus to moisture or wet locations. • To reduce the risk of electrical shock, do not remove cover and caps, fixture must be grounded.	 WARNING CAUTION • Suitable for mounting on normally flammable surfaces. • Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. • If electrical appliances are disposed of in landfill or dumps, hazardous substances can be damaging to health and well-being. • Contact your local government for information regarding the collection system available. • This device is not intended for use with emergency exit fixtures or emergency exit lights. • No user-serviceable parts inside. Refer servicing to qualified/licensed service personnel. • Do not use when enclosure is broken. • To prevent wiring damage or abrasion do not expose wiring to edges of sheet metal or other sharp objects. • T8 LED tubes can operate with single magnetic ballast, however for optimum efficiency and performance; Aurora recommends that the ballast is removed from the circuit. • T8 LED tubes must not be used with electronic ballasts. • To reduce the risk of fire or electrical shock, do not use this retrofit kit in luminaires employing shunted bi-pin lamp holders. • Not to be installed with shunted lamp holders: 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. • Do not make or alter any open holes in an enclosure of wiring or electrical components during the kit installation. • Caution: do not stare directly into the luminaire in operation. May be harmful to eyes.
 WARNING RISK OF BURNS • Follow all manufacturer's warnings and recommendations for mounting position, installation methods, replacements and recycling.	 WARNING RISK OF FIRE • Keep any combustible and other materials that can burn away from the luminaires. Incorrect installation may result in electrical shock or a risk of a fire. • Only electrically licensed personnel should attempt to replace this LED lamp retrofit kit.

For Model Numbers

2FT: AR-T810D1FCL/35, AR-T810D1FCL/40, AR-T810D1FCL/50, AR-T810D1FFR/35, AR-T810D1FFR/40, AR-T810D1FFR/50, AR-T81021FFR/60

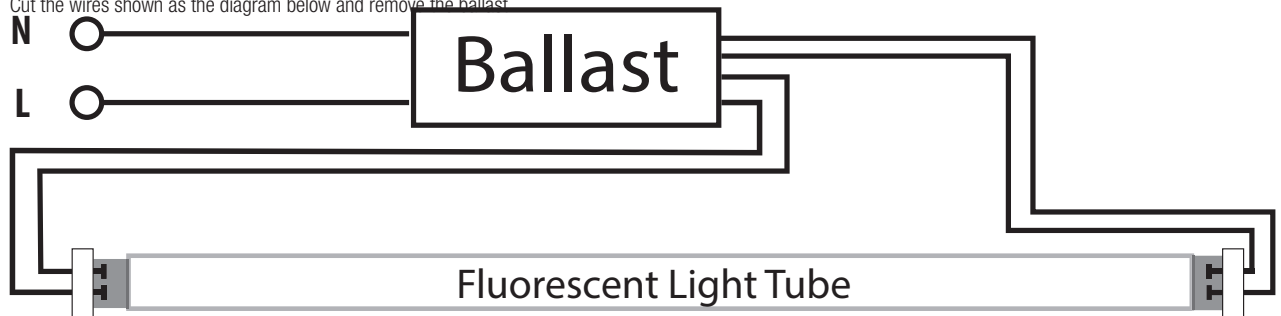
3FT: AR-T81031FFR/60

4FT: AR-T818D1FCL/35, AR-T818D1FCL/40, AR-T818D1FCL/50, AR-T818D1FFR/35, AR-T818D1FFR/40, AR-T818D1FFR/50, AR-T81841FFR/60

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION.

INSTALLATION GUIDE:

1. Turn off the power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Open the wiring cover to expose the fluorescent ballast.
5. Cut the wires shown as the diagram below and remove the ballast.



6. Make the new wire connect to branch circuit shown as the diagram below. LED lamp pins are at one end, and the other end is not connected to any electrical power and it serves as means of mechanical support only.



7. Replace the cover over the wiring channel.
8. **IMPORTANT: Install the label provided that states “this fixture has been modified for LED lamps”, inside the fixture in an easily visible location to anyone changing lamps, possibly on the cover over the wiring channel.**
9. Install the LED tubes, close the diffuser.
10. After all LED Tube retrofit is completed, restore the power at the circuit breaker and turn the lights on.

WARRANTY:

This product has a warranty of period of 5 years from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering, and removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the National Electric Code. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Aurora does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase. Aurora reserves the right to alter specifications without prior notice.