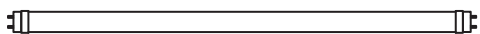
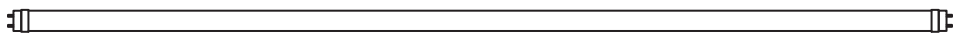


QUASAR SCIENCE

Single Spectrum T8

Installation Instructions



Warning: To reduce the risk of fire and electrical shock, do not remove the retrofit LED tube lamp enclosure (cover and caps).

- No user-serviceable parts inside. Refer servicing to qualified service personnel
- DO NOT EXPOSE THIS APPARATUS TO RAIN.
- LUMINAIRE CONVERSION, RETROFIT.
- FOR USE ONLY WITH FLUORESCENT LUMINAIRES IDENTIFIED IN MANUFACTURER'S INSTRUCTIONS
- 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.
- For the 120VAC version lamp, determine if the power source provides 120VAC. For the 240VAC version lamp, determine if the power source is 220-240VAC.
- Luminaires wiring, ballasts, or other electrical parts may be damaged when drilling for installation of reflector kit hardware. Check for enclosed wiring and components.
- LED tube installation requires knowledge of fluorescent lighting luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Install this kit only in the luminaires that has the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the LED tube does not exceed the input rating of the luminaire.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects. Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Do not use this LED tube 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 manufacturer.
- Installers should not disconnect existing wires from lampholder terminals to make new connections at lampholder terminals. Instead installers should cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.



QUASAR SCIENCE

Single Spectrum T8

Installation Instructions

*Caution - Risk of Electric Shock – Use In Dry Location.

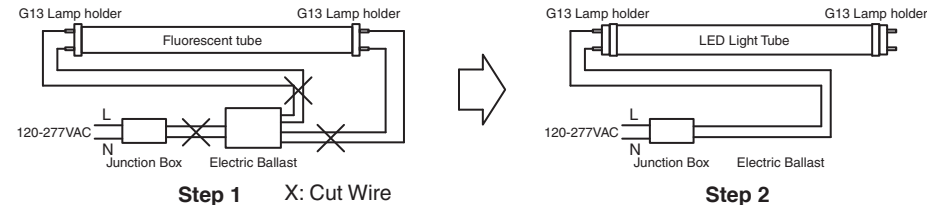
*End retrofit luminaire has been modified and can no longer operate the originally intended lamp.

*This device is not intended for use with emergency exit fixtures or emergency exit lights.

*The luminaires shall be installed by an electrician.

INSTALLATION INSTRUCTIONS

1. Disconnect all power to the lamp fixture.
2. Take off the fluorescent lamp.
3. Remove the ballast and starter where applicable and remove the leads from the connector where no use.
4. Designate one side of the fixtures lamp sockets as the "LIVE END" and mark for future reference.



5. Connect the line lead to one of the two wires connected to the lamp pin base and connect the neutral lead to the second of the two wires connected to the same lamp pin base (above), and the lamp pin L to connect lamp base positive lead, the lamp pin N to connect lamp base negative lead.

*For any 1,2,3,bulb fixture, simply connect all the line leads from each lamp pin bases to the line lead in and connect all the neutral leads from each lamp pin bases to the neutral lead in.

6. After modification completes, then affix the Lamping Replacement Marking label and cautionary label to painted surface and bare aluminum, located this where visible during relamping on the retrofitted luminaire.



**For Operations Manual and Photometrics,
visit QuasarScience.com/support**

Questions?

info@quasarscience.com

(800) 876-0665

Quasar Science 687 S. Anderson St., Los Angeles, CA 90023

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info@quasarscience.com

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