

EagleLight T8 Tube Lamp Replacement

WARNING: Risk of electric shock! Ensure that the power supply is off when wiring sections of this device. This device is to be installed by a qualified electrician or technician in accordance with all relevant local codes. Please read this user guide completely prior to installation and please pre-plan the installation.

The EagleLight LED T8 Tube Lamp Replacement Requires No Ballast or Starter. Please have a qualified electrical technician make the appropriate changes to your wiring prior to install of the EagleLight LED T8 Tube Lamp Replacement. Some magnetic type ballasts may not require removal, though for optimum energy efficiency bypassing all ballasts is recommended. NOTE: This user guide is intended as a reference only by a fully qualified electrician or technician. This document should never be considered a substitute for any provision of a regulation or state and/or local code. Please read this entire user guide to fully understand and safely use this product. Specifications are subject to change without notice.

GETTING STARTED

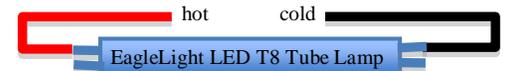
Thank you for using EagleLight LED T8 Tube Lamps. These lights are more efficient and more reliable than conventional fluorescent tube lamps and are well-suited for use anywhere conventional fluorescent tubes are used such as homes, offices, museums, galleries, shop windows, hotels, restaurants, meeting rooms, etc. EagleLight T8 Tube Lamp Replacement are CE approved and RoHS compliant. This guide contains important information about installing and operating your new EagleLight T8 Tube Lamp Replacement safely and accurately.

Unpacking

- 1) Unpack and carefully examine the packaging and product for any damage.
- 2) Report any damage and save all packing materials if any part is damaged during transport. If possible take a digital photograph of the damaged parts along with the shipping label.
- 3) **Do not attempt to use this apparatus if it is damaged.**

User Responsibilities: It is the responsibility of the contractor, installer, purchaser, owner, and user to install, maintain, and operate the device in such a manner as to comply with all state and local laws, ordinances, and regulations. Note: The instructions and precautions set forth in this user guide are not necessarily all-inclusive, all-conceivable, or relevant to all applications as EagleLight Inc. cannot anticipate all conceivable or unique situations.

PLAN THE INSTALLATION: Installation of this device requires pre-planning to ensure successful installation with minimal complications and down time.

**New Installation – fixture without a ballast.**

- 1) Each tube lamp is to be wired to an AC voltage source. Voltages from 85VAC to 300VAC are acceptable. Voltage is to be applied across the LED Tube lamp with one end being connected to the cold or neutral wire and the other end of the tube being connected to the hot wire. Only one pin on each end of the LED Tube lamp requires voltage. Ground wires should be connected to the fixture directly, NOT to any pin on the T8 LED Tube lamp.
- 2) If you have a fixture with more than one tube holder (double or quads), make sure that only one wire set from each additional fixture is going to the hot and cold supply wires. Disconnect any jumper wire connecting the additional fixtures to each other. In effect, on a single tube where there were four wires (two at each end) going to the hot and cold supply wires. Now you only need one going to the hot and cold from each fixture.
- 3) Install EagleLight T8 Tube Lamp Replacement into the fluorescent light fixture.
- 4) Inspect all wiring connections prior to turning on the power.

Retrofit – existing fixture with ballast

- 1) Take out ballast and starter if so equipped (disconnect the wires and either leave the ballast in place or remove it).
- 2) After disconnecting the ballast, reconnect the circuit to each end of the fixture such that one end has only the cold wire going to either of the two pins on one end and the other end has a hot wire going to either of the two pins. When done only one set of wires should go to the fixture, one hot wire to one end and one cold wire to the other end.
- 3) If you have a fixture with more than one tube holder (double or quads), make sure only one wire set from each additional fixture is going to the hot and cold supply wires. Disconnect any jumper wires connecting the additional fixtures to each other. In effect, on a single tube there were four wires (two at each end) going to the hot and cold supply wires. Now you only need one going to the hot and cold supply wires from each fixture.
- 4) Install the EagleLight T8 Tube Lamp Replacement into the fluorescent light fixture.
- 5) Inspect all wiring connections prior to turning on the power.
- 6) Switch on the power to light EagleLight T8 Tube Lamp Replacement.

Questions: www.EagleLight.com support@eaglelight.com

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