



# INSTALLATION INSTRUCTIONS

## 1 SOURCE LED

### TL "BINS & BIDS" Series

### Internal Driver (100-277VAC) LED Tube Lights

#### GETTING STARTED

The 1 Source LED "TL Series" Tube Light is the most energy efficient lighting solution to replace conventional T8, T10, or T12 fluorescent tubes. The "TL Series" Series LED tube lights are efficient, reliable, 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. **1 Source LED tube lights are UL Listed Compliant with UL1598C testing standards, most models are DLC QPL Listed, RoHS Compliant, LM79 Tested, and CE approved.** The 1 Source LED "TL Series" are the most advanced LED Tube Lights on the market, both in efficiency and safety. The "TL Series" LED tube lights are equipped with Safe-Connect Technology with single end power supply.

This guide contains important information about installing and operating your new 1 Source LED "TL Series" LED Tube Light safely and accurately.

#### Unpacking

Unpack and carefully examine the product. 2) Report any damage and save all packing materials if any part is damaged during transport. 3) Do not attempt to use this apparatus if it is damaged.

#### Warnings

Risk of electric shock. Ensure that the power supply is off when wiring sections of the device. The device should be installed by a qualified electrician or technician in accordance with all relevant local codes. Lock Out / Tag Out procedures should be followed to prevent injury or death due to electrical shock.

#### 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 1 Source LED cannot anticipate all conceivable or unique situations.

#### Retrofit Installation (New Installation Begin At Step #2)

1. Turn off power to existing light fixture (lock out / tag out procedures) and remove existing fluorescent lamps. Open fixture to expose existing ballast and internal fixture wiring. Disconnect and remove existing starter and/or ballast. Determine if existing lamp holders (sockets) are in good condition. The existing lampholders (sockets) can be utilized if determined to be in good operating condition. Dispose existing fluorescent lamps, ballasts, and starters per EPA requirements.
2. Utilize existing Line Feed (100-277VAC) and install luminaire disconnect (example: Ideal 2 wire Quick Disconnect Connector Model #102 Power Plug).
3. **Install wiring per attached Diagrams #1.**
4. Safely secure internal fixture wiring and close fixture per manufacturer specifications.
5. Install new 1 Source LED TL "BINS or BIDS" Series LED Tube Lights.
6. Energize fixture.

1 Source LED

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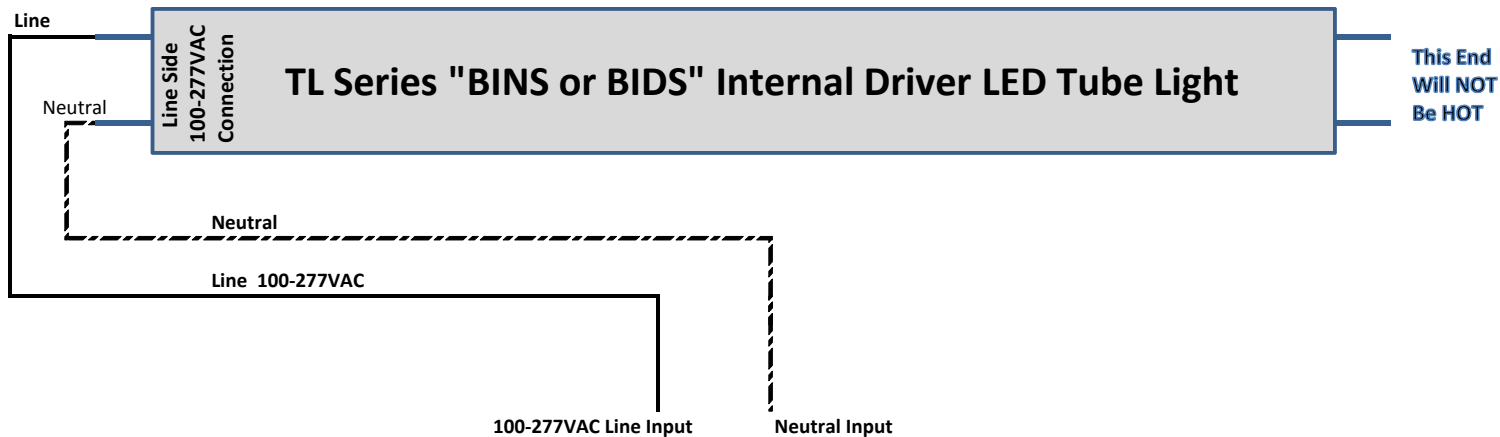


# 1 Source LED TL "BINS & BIDS" WIRING DIAGRAM #1

(ALSO REFERRED TO AS WIRING DIAGRAM "LR")

MUST USE 2 WIRE NON-SHUNTED TOMBSTONE (SOCKETS)

**DIAGRAM #1 - Industry Configuration Type "LR":** Black lead (Hot A.C. Line) and White lead (Neutral/Common) connected to the same side of the LED tube light. Polarity does not matter, use either connection at the socket/lamp holder for Hot A.C. Line.



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