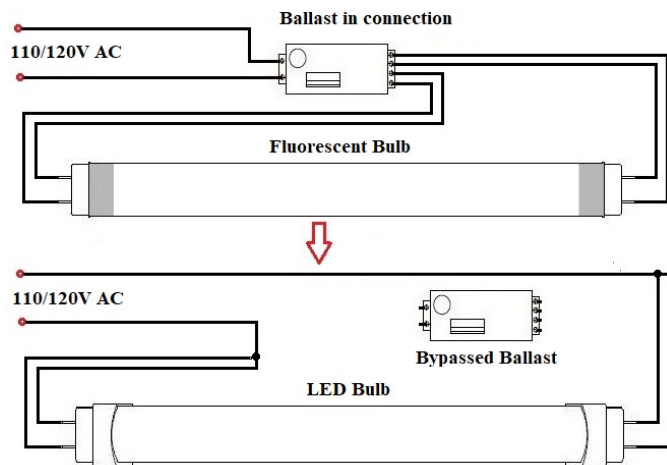


Product Manual for Fulight's AC Double-End Input LED Tube

- ❑ Bypass any ballasts & remove any starters (if there are any) inside the fixture. ***There MUST be a ballast inside the fixture if it has or had a fluorescent bulb.***
- ❑ Connect the hot wire (likely black) from the AC power cord to the two pins on one end of the LED tube and the neutral wire (likely white) to the two pins on the other end of the LED tube through the lamp-holder sockets. If your sockets are of the shunted type, **one-pin connection** is completely fine. However, if the sockets are of the non-shunted type, we strongly suggest **two-pin connection** as shown in the below diagrams or you can convert the sockets into the shunted type with a jump wire.
- ❑ It **DOESN'T MATTER** which end is hot or neutral. Just connect the hot wire to one end and the neutral wire to the other end.
- ❑ It **DOESN'T MATTER** if the lamp-holder sockets in your fixture are shunted or non-shunted type so that it is unnecessary to change them.
- ❑ For LED tubes designed with **Rotatable End Caps** only (15-Inch F14T8, 17-3/4-Inch F15T8 and all T5 tubes): You can hold the end caps and rotate them against the tube body to adjust light forwarding angle. It's perfectly okay to hear a distinct clicking sound during rotation.
- ❑ Contact us by text message to (949)331-6136 or email to fulight-led@fulightopto.com to get assistance if you have any questions about the instructions!

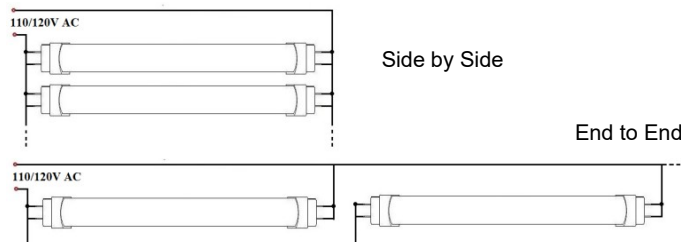
I. Electronic Ballast Removal



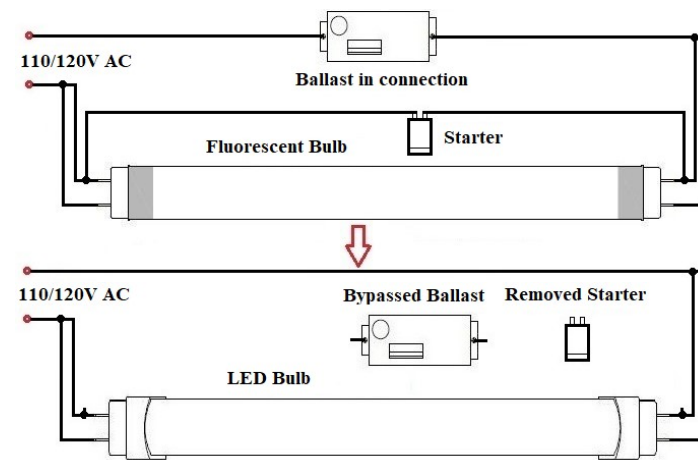
Steps:

1. Open your fixture, unscrew it if necessary, and find the ballast, which could be a rectangular component.
2. Cut all wires away from the ballast.
3. Connect the hot wire to all wires on one side of your fixture, and the neutral wire to all wires on the other side of the fixture.

Multiple Bulbs Installation: Make sure each bulb is connected with the hot wire on one end and the neutral wire on the other end.



II. Magnetic Ballast Removal



Steps:

1. Take off or disconnect the starter.
2. Open your fixture, unscrew it if necessary, and find the ballast, which could be a rectangular component.
3. Cut the wire in and the wire out away from the ballast, then connect the two together.

*****WARNING I***:** If your fixture has been previously wired for LED, **please verify if it's set up for single-end or double-end input.** If it's currently single-end input, follow the instructions in this manual to convert it to double-end input. **Failing to do so will result in electrical shock that may damage both your fixture and our product.**

*****WARNING II***:** Please **ALWAYS** turn off the wall power switch or unplug the light fixture or **turn off the related breaker switch if necessary** before fixture rewiring!

*****Reminder***:** If you **don't see prongs** on both ends of our product, it's because they are covered by small plastic pin protectors. Simply **remove these protectors** to reveal the prongs, as shown in the main photo on the product page.