

LED TUBE (BUILT-IN DRIVER) INSTALLATION INFORMATION & ISNTRUCTIONS

INSTALLATION INFORMATION

FEATURES

- ◆ Sturdy high shock & vibration resistant construction with high power LEDs, Aluminum heat sink, high transmittance Poly Carbonate Cover with clear, semitransparent and frosted finish
- ◆ With uniquely-designed rotatable end caps allow the end user to adjust the light direction
- ◆ Available in T8 & T10 with length 0.6m, 0.9m, 1.2m, 1.5m up to 2.4m in complete color temperature ranges from 2500K through 7500K
- ◆ No UV radiation emitted; no Mercury; no Infrared Radiation
- ◆ 30,000 hrs Longer life than incandescent & fluorescents with over 50% savings in energy consumption.
- ◆ Solid-state wide voltage and constant current design with no noise or flickering.
- ◆ Operate in accordance with UL, ETL, CE and FCC testing standards. Instant on and instant off.








INSTALLATION NOTES

- ◆ The LED Tube Light operates using any voltage from 85VAC through 265VAC.
- ◆ The LED Tube Light is not intended for use as an emergency exit fixture or emergency exit light.
- ◆ If changing an existing luminaire with an LED Tube Light, luminaire changes shall be performed by a qualified electrician.
- ◆ The LED Tube Light is not for use with a dimmer.
- ◆ To order replacement LED Tube Light components, please visit www.dongfangled.com

SAFETY INFORMATION

WARNINGS

-  Risk of fire or electric shock. Do not alter, relocate, or remove wiring, or any other electrical component. If necessary, contact a qualified electrician for assistance.
-  Risk of electric shock. Use LED Tube Lights in dry or damp (where not exposed directly to water) locations only. Not for use where exposed to weather.
-  Always disconnect power for your safety when performing the luminaire modification steps below! In some cases, it may be necessary to test the power feed with the power connected. Only connect the power when doing the testing, and then disconnect the power from the luminaire when performing the steps below.
-  Always follow local and regional Electrical codes which provide information on proper procedures, safety guidelines, proper tools, connection methods and specifications on materials.
-  DongfangLED cannot and will not be liable for any modifications or results of modifications to electrical devices or luminaires. These instructions are provided as a reference. By using the 'instructions' included, you are solely responsible for following all applicable electrical safety procedures, codes, methods and materials. If you are unsure about any electrical modification or installation, please consult a licensed electrician or electrical contractor in your area.

LED TUBE LIGHT CONTENTS

Qty.1 LED TUBE LIGHT

LED Tube Light in color temperature from 2500K through 7500K as ordered consisting of aluminum heat sink, high transmittance PC cover (clear, frosted and semitransparent finish as ordered) and rotatable end caps.

LED TUBE INSTALLATION INSTRUCTIONS

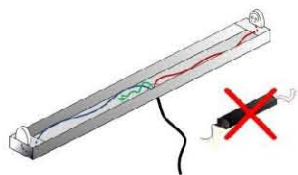
STEP 1 – DISCONNECT LUMINAIRE POWER

Disconnect power for luminaire installation location and/or circuit (if possible). Using voltage detector or other methods, ensure power is disconnected (OFF) at luminaire installation location.

STEP 2 – REMOVE EXISTING FLUORESCENT TUBE

If necessary, remove the existing fluorescent tube. Dispose of fluorescent tube per job/company site rules and regulations

STEP 3 – REMOVE STARTER AND BALLAST

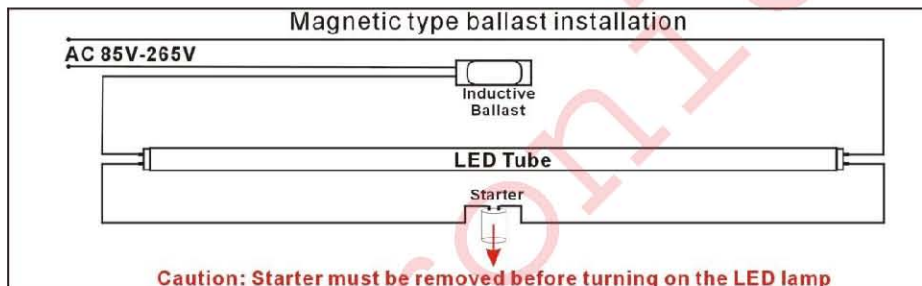


DFB LED tubes do not require a ballast, capacitor or starter. If you are installing LED tubes into an existing light fixture, these items must be removed or bypassed to achieve maximum energy savings. (This work must be done by licensed electrician.)

STEP 4 – WIRING INSTRUCTIONS

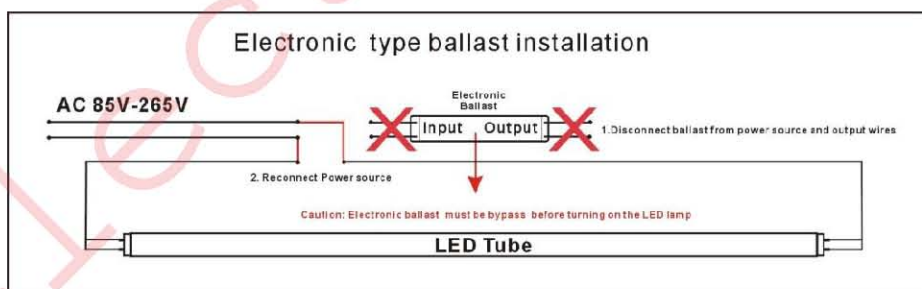
- ◆ **MAGNETIC BALLAST TYPE** (Please check with your electrician to determine which type you have)

Remove starter prior to installing LED tube. For maximum energy savings remove/bypass the starter, ballast and capacitor.



- ◆ **ELECTRONIC BALLAST TYPE** (Please check with your electrician to determine which type you have)

The electronic ballast MUST be removed/bypassed prior to installing LED tubes



STEP 5 – TUBE INSTALLATION

Install LED Tube into the fixture. Firstly rotate the end caps till the pins are firmly locked into the sockets, and then rotate the LED tube body to a desired light direction.

STEP 6 – RECONNECT LED TUBE LUMINAIRE POWER & TEST

When finished, reconnect power to luminaire and/or circuit (if possible) to test light. Enjoy your new LED Tube Light!

ADDITIONAL INFORMATION

- ◆ For multiple tubes, jumper from socket to socket on the same end of the fixture.

