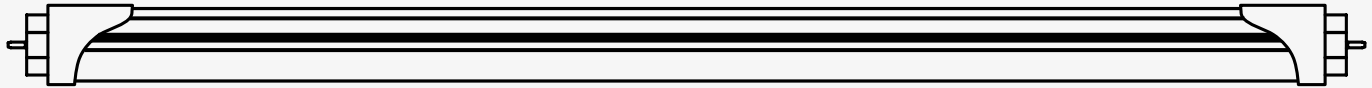


INSTALLATION GUIDE



Titania Plus T8 LED Tube

WARNING:

1. Use Only Luminaire With Lamp Compartment Dimensions 1220mm Length, 600mm Width, 80mm Depth.
2. Warning – Risk of Fire or Electric Shock. Installation of This Retrofit Kit Requires a Person Familiar With the Construction and Operation of the Luminaire's Electrical System and the Hazard Involved. If Not Qualified, Do Not Attempt Installation. Contact a Qualified Electrician.
3. Risk of Fire or Electric Shock. Install This Kit Only in the Luminaire That Has the Construction Features and Dimensions Shown in the Photographs and/or Drawings and Where The Input Rating of the Retrofit Kit Does Not Exceed the Input Rating of the Luminaire.
4. Do Not Make or Alter Any Open Holes in an Enclosure of Wiring or Electrical Components During Kit Installation.
5. To Prevent Wiring Damage or Abrasion, Do Not Expose Wiring to Edges of Sheet Metal Or Other Sharp Objects.
6. This Retrofit Kit is Accepted as a Component of a Luminaire Where the Suitability of the Combination Shall Be Determined by Authorities Having Jurisdiction, Product Must Be Installed by a Qualified Electrician in Accordance With the Applicable and Appropriate Electrical Codes. The Installation Guide Does Not Supersede Local or National Regulations for Electrical Installations.
7. 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 Connectors Suitable for the Application.
8. This Device is Not Intended for Use With Emergency Exits.

*Pictures and diagrams in this IM are for illustrative purpose only.

INSTALLATION INSTRUCTION FOR LED TUBE WITH INTEGRAL DRIVER

LED tubes provide the fastest and simplest way to convert existing luminaires to LED technology. LED tubes are intended to retrofit maximum four lamps, UL Listed surface mount, or type IC or non-IC recessed mount fluorescent luminaires with diffuser that use straight tubular lamps. These products intended to be used in dry or damp locations only.

Model No.	Wattage	lm/W	Input Voltage (120V)	Input Current	CCT	Length	Wiring Config
HL-T8-11W4KCLR-4 Feet	11W	145	100-277Vac	0.102A	4000K	4ft	BE
HL-T8-11W5KCLR-4 Feet	11W	145	100-277Vac	0.102A	5000K	4ft	BE
HL-T8-11W4KFRO-4 Feet	11W	145	100-277Vac	0.102A	4000K	4ft	BE
HL-T8-11W5KFRO-4 Feet	11W	145	100-277Vac	0.102A	5000K	4ft	BE

X = 4 (for 4000K) | X = 5 (for 5000K)

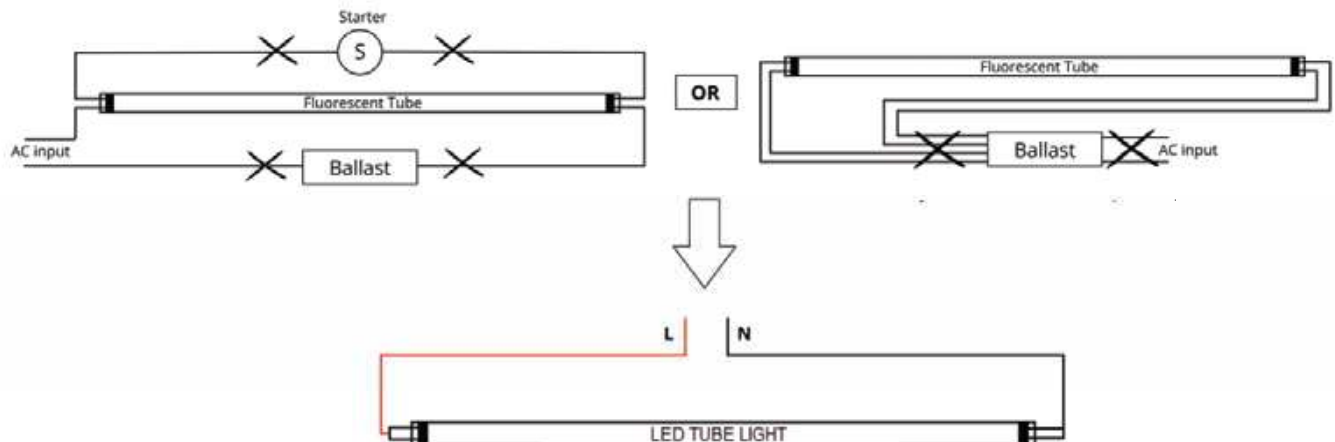
NOTE:

BE - Both Ends (power applied to both ends of the lamp simultaneously)
 OE - One End (power applied to one end only, other end not connected)

LED RETROFIT INSTALLATION GUIDELINE:

DURING RETROFIT, REWIRING IS A MUST, PLEASE FOLLOW THE INSTALLATION STEPS BELOW.

1. Turn off the power to the light fixture at the main service panel.
2. Remove the diffuser (if any), take off the fluorescent lamp. Step
3. Cut off all wires which are connected to ballast.
4. Connect one wire from each lamp holder.
5. Connect one wire from the lamp holder to branch circuit L (Live wire) and the other wire at the opposite end to the Branch Circuit N (Neutral wire).
6. Install LED tube light in the fixture matching the Line and Neutral side of the fixture. turn the tube 90 degree, ensure that the tube is well installed in the lamp fixture.
7. Switch ON power.



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