

APPLICATIONS

One of the fastest growing retrofit segments is changing linear fluorescent lamps to LED T8 lamps. The Mobern TLEDD operates efficiently off of it's own remote driver and provides significant energy savings, excellent life, low maintenance and a more controlled light source. LED Lamps are mercury-free, which minimizes environmental impact.



FEATURES & BENEFITS

- ◆ 4" LED T8 or T12 replacement
- ◆ Environmentally friendly-energy saving and mercury-free
- ◆ Frosted lens
- ◆ Remote driver for efficiency and long life
- ◆ High lumen efficiency and high CRI
- ◆ Power Factor >0.99
- ◆ 5 year limited warranty
- ◆ NSF Listed
- ◆ UL Listed

ORDERING DATA

EXAMPLE: TLEDD48T815W830

| TLEDD | | Length | | Nominal Tube Size | | Wattage & Lumens | | Color Temperature | |
|--------|-------|--------|-----------|-------------------|--|------------------|-----------------------|-------------------|-------|
| Series | TLEDD | 48 | 48 inches | T8 | | 15W | 15 watts/ 1800 Lumens | 830 | 3000K |
| | | | | | | 18W | 18 watts/ 2160 Lumens | 835 | 3500K |
| | | | | | | | | 840 | 4000K |
| | | | | | | | | 850 | 5000K |

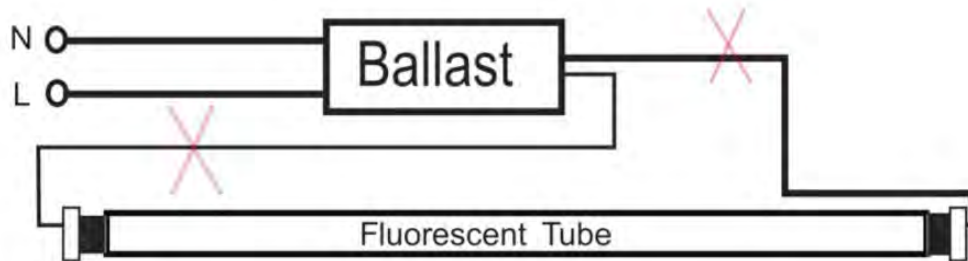
| Non-Dimmable Driver Chart (Required and ordered separately) | |
|---|--------------------------|
| LEDD-1L-TLEDD-48T815W | For 1 of TLEDD-48T815Wxx |
| LEDD-2L-TLEDD-48T815W | For 2 of TLEDD-48T815Wxx |
| LEDD-3L-TLEDD-48T815W | For 3 of TLEDD-48T815Wxx |
| LEDD-4L-TLEDD-48T815W | For 4 of TLEDD-48T815Wxx |
| LEDD-1L-TLEDD-48T818W | For 1 of TLEDD-48T818Wxx |
| LEDD-2L-TLEDD-48T818W | For 2 of TLEDD-48T818Wxx |
| LEDD-3L-TLEDD-48T818W | For 3 of TLEDD-48T818Wxx |
| LEDD-4L-TLEDD-48T818W | For 4 of TLEDD-48T818Wxx |

Dimensions and specifications subject to change without notice.

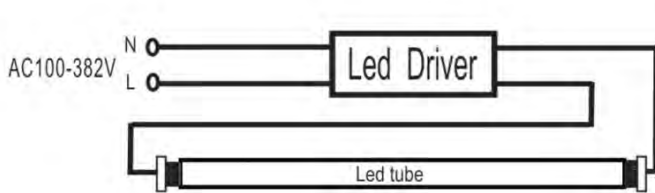


INSTALLATION INSTRUCTIONS FOR LED TUBE w/EXTERNAL DRIVER
TWO ENDS POWER OUTPUT

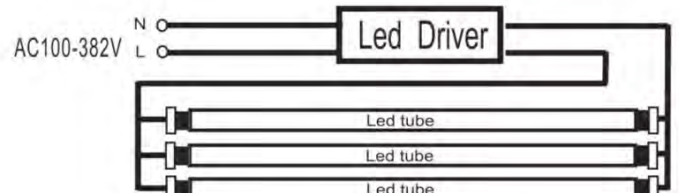
1. Turn off power to the light fixture at the breaker panel before installation.
2. Open the diffuser of the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Cut the wires shown in the diagram below.



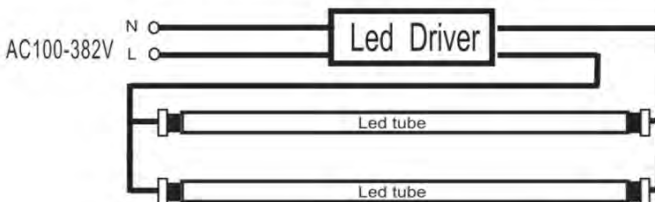
5. Connect driver to branch circuit as shown in the diagram below.
6. Replace the cover over the wiring channel.
7. Install the LED tubes, close the diffuser.



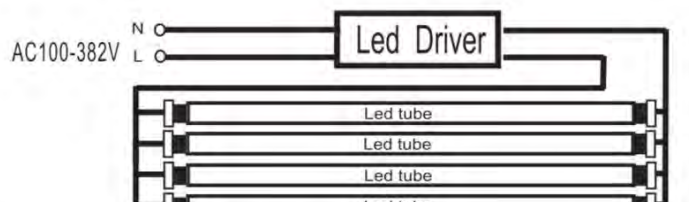
One driver for one piece of tube



One driver for three pieces of tube



One driver for two pieces of tube



One driver for four pieces of tube

8. Turn on the Power.

- Risk of fire. LED retrofit kit installation requires knowledge of luminaires and electrical systems.
- Risk of electric shock. Use proper safety equipment.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- This luminaire has been modified and can no longer operate the original Fluorescent lamp.
- If the lamp or luminaire exhibits undesirable operation (Buzzing, Flickering, etc.), immediately turn off power, remove lamp from luminaire and contact manufacturer.

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