



Connectors



G13 bi-pin



Single pin



T5



R17D
recessed

LED T8 & T8U

- from 2' to 8' lengths and 2' U-tube
- Available with clear or frosted shatter resistant PC cover
- Available with rotatable ends for more directional applications
- Optionally dimmable 10-100% (must remove the ballast for dimming function to operate)
- Ballast compatible models will work with or without the ballast (100-347VAC)
- Ballast compatible models are compatible with all existing electronic ballasts (instant start, rapid start and program start) and most magnetic ballasts as well - **no rewiring needed**
- **DLC** listed – qualify for all utility and government rebate/incentive programs
- **80,000 hrs** rated life
- **5 Year Warranty**

LED Interior Lighting Fluorescent Tube Replacement

- Major Power Savings - Compared to fluorescent tubes, more than 50% less power usage dramatically reduces energy costs
- Lower Maintenance - Lasts 80,000 hours resulting in lower costs by reducing re-lamp frequency, especially in difficult to reach areas that require lifts, scaffolding, etc.
- Cool Operation - Remains cool to the touch, fire safe, reduces air conditioning loads significantly
- High shock & vibration resistant body with polycarbonate lens eliminates the hazard of glass tube breakage or the additional expense of light robbing plastic tube guards - a major problem in the food industry, food displays
- Full strength light up - no buzzing or flickering
- No Radiation - No ultraviolet or infrared, No RFI/EMI/HD problems related to fluorescents, especially in hospital radiology areas or around sensitive instruments
- Flexible Ambient Temperatures - Greater performance in cold or freezer-type applications where fluorescents have very high failure rates
- Environmentally friendly - eliminates the mercury present in fluorescent tubes, fully recyclable, drastically reduces landfill problems caused by CFL and fluorescent lights

DESIGNLIGHTS
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SPECIFICATIONS - T8 Tubes

Input Voltage	100 – 382 VAC							
Tube Length* <small>* Other Lengths Available</small>	2'	3'	2'U	4'		4'	8'	
Wattage	10 or 15		15	15	18	20	30	40
Lumen Output	1250/1810		1810	1810	2250	2600	3400	4450
Compatible with all existing T8 electronic ballasts (instant, rapid, program start, etc) and most magnetic ballasts	Yes <small><u>Notes:</u> 1. Can also be used without the existing fluorescent ballast, directly wired to 100-347VAC 2. Not compatible with T5 ballasts</small>						No	
Connectors	G13 bi-pin (Std T8/T12), T5, R17D recessed, single pin All connectors available with optional rotatable ends <small>NOTE: When ordered with T5 connectors, the 4' tube is actually 46" in length to fit in a standard T5 fixture</small>							
CRI	> 90							
Dimmable	Yes (optional) 120VAC input – standard phase cut Triac dimming 277VAC input – 0-10V dimming							
Life Rating	> 80,000 hours							

Models compatible with existing fluorescent ballasts need no fixture rewiring! Can be used with or without ballast!!!

- ✓ To retrofit one of these into an existing fluorescent fixture, simply remove the fluorescent tube and replace it with our LED tube.
- ✓ All models are available with either clear or frosted polycarbonate lenses (frosted lens makes it look just like a fluorescent tube)

Emium LED tubes are listed on the DLC-QPL

They qualify for all utility and government rebate/incentive programs



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