



LED Dual Mode Nano-plastic T8 Lamps

- Replaces T8 fluorescent lamps
- Lamps will work with existing ballasts or direct to line voltage 120-277VAC
- 50,000 hour L70 rated life
- Over 50% energy savings versus 4ft. fluorescent
- Up to 140 Lumens/watt
- Beam angle 270°
- Mercury free
- **5 Year Warranty**



T8 LED Nano-Plastic Tube Lamp for Retrofitting Fluorescent T8 Fixtures

- Nano-plastic tube material is lightweight and provides better heat dissipation compared to conventional polycarbonate materials.
- Superior bending endurance and stiffness characteristics make Nano-plastic a more durable and safer option than glass LED tubes.
- Nano-plastic material costs about the same as glass LED tubes, which has historically been the cheapest material on the market.
- Frosted lens Nano-plastic T8 lamps permit higher levels of light to pass through compared to a PC lens. Nano-guided particles transmit light without sacrificing lumen strength
- Hot and cold impact tests performed in a temperature/humidity chamber reveal that Nano-plastic outperforms traditional tube lamp materials.

SPECIFICATIONS	<i>Emium Nano-plastic T8 LED Lamps</i>		
Model Number	EL-ZY-T8P-10W600-XXXX	EL-ZY-T8P-12W1200-XXXX	EL-ZY-T8P-15W1200-XXXX
Input Voltage	Type A/B (Dual Mode) Works both Plug & Play or 120 - 277VAC		
Tube Length	24"	48"	
Wattage	10 watts	12 watts	15 watts
Lumen Output	1300	1670	2160
Color Temperatures	3000K, 3500K, 4000K, 4500K, 5000K		
Operating Temperature	-30°C to +40°C		
Beam Angle	270°		
CRI	> 80		
Life Rating	> 50,000 hours		



Dual mode lamps work with or without the existing fluorescent ballasts.

To retrofit a 4ft. fluorescent fixture, choose to either leave the existing ballast in place “as is”, or remove the ballast completely from the circuit by simply bypassing it to run directly off incoming 120-277VAC.



for more information email info@emium.com
 or call 224.735.3435 | www.emium.com



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