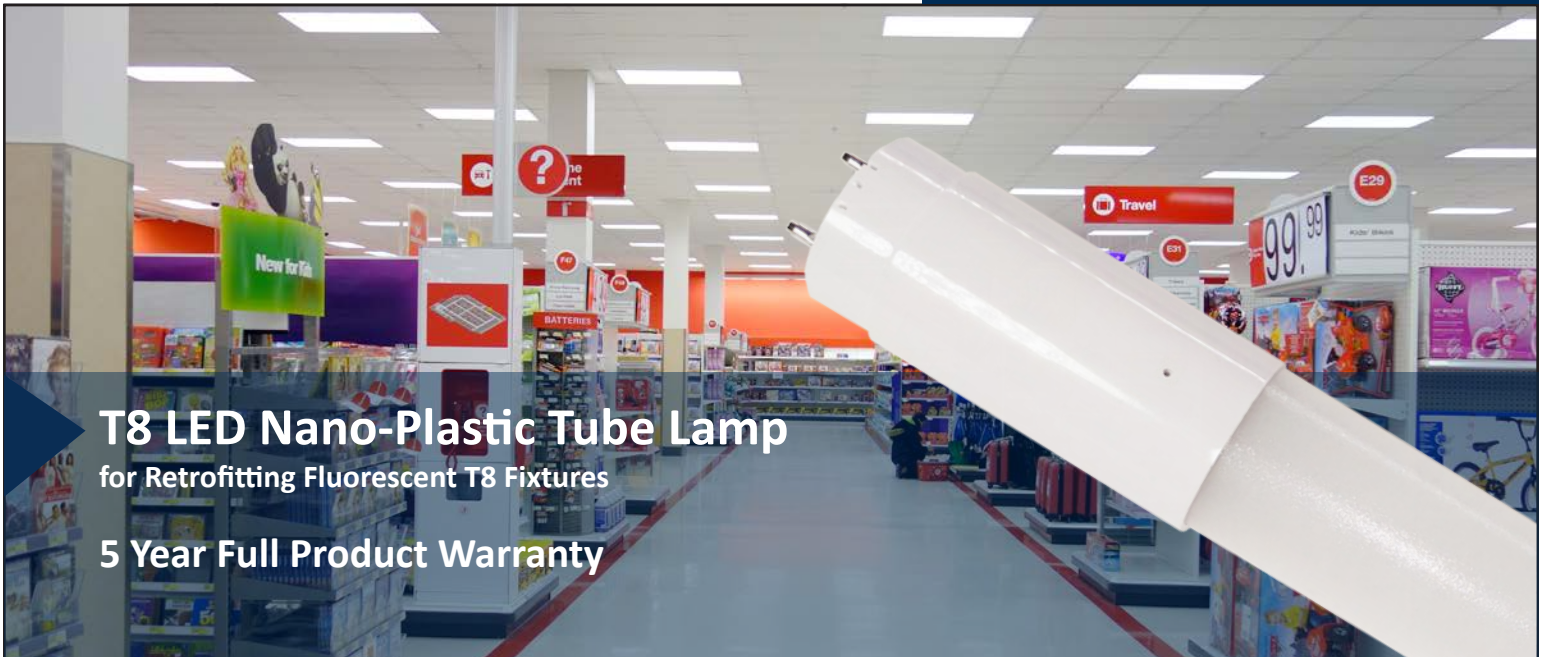


**INTERIOR LIGHTING**



**T8 LED Nano-Plastic Tube Lamp**  
for Retrofitting Fluorescent T8 Fixtures  
**5 Year Full Product Warranty**

**FEATURES**

Nano-plastic tube material is lightweight and provides better heat dissipation compared to conventional polycarbonate materials.

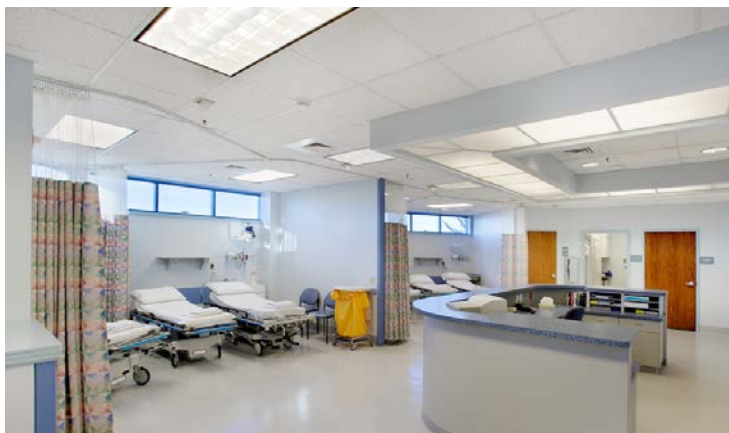
Superior bending endurance and stiffness characteristics make Nano-plastic a more durable and safer option than glass LED tubes.

Nano-plastic material costs about the same as glass LED tubes, which has historically been the least expensive 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.

- Replaces T8 fluorescent lamps
- Lamps will work 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 330°
- Mercury free



## INTERIOR LIGHTING

Ordering Guide: Nano-plastic T8 LED Lamps: Example - EL-ZY-T8P-10W600-40K

Fixture Type	Wattage	Length	CCT (X,X00) Kelvin	NOTE: Please confirm all specifications before ordering.
EL-ZY-T8P				
EL-ZY-T8P T8 Replacement Series	10 10W 15 15W	600 = 2 ft. 1200 = 4 ft.	30K 3000K (warm white) 35K 3500K (warm white) 40K 4000K (natural white) 45K 4500K (natural white) 50K 5000K (daylight white)	

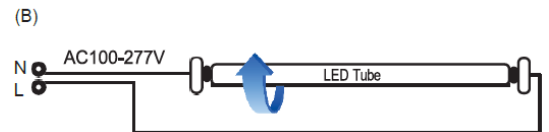
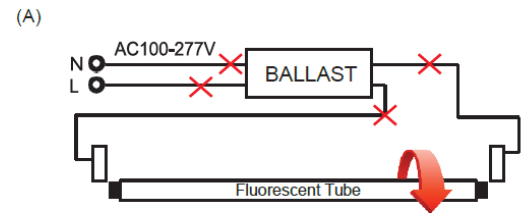
## SPECIFICATIONS

Model	EL-ZY-T8P-10W600	EL-ZY-T8P-15W1200
Length	2'	4'
Power	10W	15W
Lumen Output	1,400	2,160
Color Temp	3000K, 3500K, 4000K, 4500K, 5000K	
Operating Temp	-30°C to 40°C	
Beam Angle	330°	
Input Voltage	Type B, Direct 120 - 277VAC	
CRI	> 80 Ra	
Rated Life	> 50,000 hrs.	

## Instructions for Direct Wire Installations

### Retrofit Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Cut wires as shown on diagram (A).
5. Make new wire connection to the branch circuit as shown on diagram (B).
6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Switch ON power to the fixture at the breaker panel.



## CAUTION

- Risk of fire – DO NOT install this lamp in a pre-heated luminaire.
- Loose or damaged end caps and/or lamp holders need to be replaced before installation.
- Risk of electric shock – make installation with gloves.
- Use only in place of fluorescent lamps specified on label.
- These lamps are not intended for use with emergency exit fixtures, emergency exit lights or battery backup devices.
- If the lamp or luminaire exhibits undesirable operation (i.e. buzzing, flickering, etc.), immediately turn off power and remove the lamp from luminaire and contact manufacturer.
- Do not install an LED tube into luminaire containing a ballast and/or starter – they must be removed prior to installation.
- Do not make mass installation before sample testing.

