



emium™

emium lighting, see differently

INTERIOR LIGHTING

Poly-Carbonate/Aluminum LED T8 Lamps

for Fluorescent T8 Tube Replacement

5 Year Full Product Warranty

Major Power Savings - Compared to fluorescent tubes, more than 50% less power usage dramatically reduces energy costs

Lower Maintenance - Lasts 50,000 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

FEATURES

Available in 2' to 8' lengths and 2' U-tube

4ft. Lamps available in 15, 18, and 22 watts

8ft. Lamp available in 40 watts, @5600 lumens

Available with optional rotatable ends for more directional applications

Dual mode models, (BIXX) will work with most existing electronic ballasts, or the ballast can be bypassed to run directly off 100-277VAC input 50,000 hrs rated life

2' U-tube retrofit



Aluminum heat sink Polycarbonate lens



2/3/4 ft. End Connectors



G13 bi-pin

8 ft. End Connectors



FA8 single pin



R17d

Optional Rotatable Ends



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

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Ordering Guide: Poly-Carbonate/Aluminum T8 LED Lamps: Example: EL-ZY-T8-10W600-BINT-40K

Fixture Type	Wattage	Length	Mode	CCT (X,X00) Kelvin	NOTE: Please specify FA8 - Single Pin or R17dR - HO connector with Rotatable end
EL-ZY-T8					
EL-ZY-T8 T8 Poly-Carbonate/Aluminum Series	10 10W 15 15W 18 18W 22 22W 40 40W	600 = 2 ft. 600U = 2 ft. U-tube 900 = 3 ft. 1200 = 4 ft. 2400 = 8 ft.	BIXX = Dual Mode BINT = No Ballast	30K 3000K (warm white) 35K 3500K (warm white) 40K 4000K (natural white) 50K 5000K (daylight white)	

SPECIFICATIONS

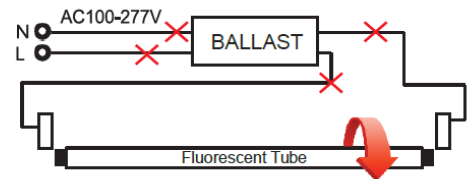
Model	EL-ZY-T8-10W600BIXX	EL-ZY-T8-15W900BIXX	EL-ZY-T8-15W600UBIXX	EL-ZY-T8-15W1200BIXX	EL-ZY-T8-18W1200BIXX	EL-ZY-T8-15W1200BINT	EL-ZY-T8-18W1200BINT	EL-ZY-T8-22W1200BINT	EL-ZY-T8-40W2400BINT
Length	2'	3'	2'U	4'				8'	
Power	10W	15W	15W	15W	18W	15W	18W	22W	40W
Lumen Output	1,400	2,100	2,100	2,100	2,520	2,100	2,520	3,080	5,600
Compatible with existing T8 electronic ballasts (Instant, rapid, program start)	Yes (Type A/B) Dual Mode "Plug & Play" or direct to 100-277VAC input					No (Type B) Must remove/bypass ballast, directly wire to 100-277VAC			
Connector Options	G13 bi-pin (Std T8/T12), R17d recessed, FA8 single pin All connectors available with optional rotatable ends								
Color Temp	3000K, 3500K, 4000K, 5000K								
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.

(A)



(B)



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.

