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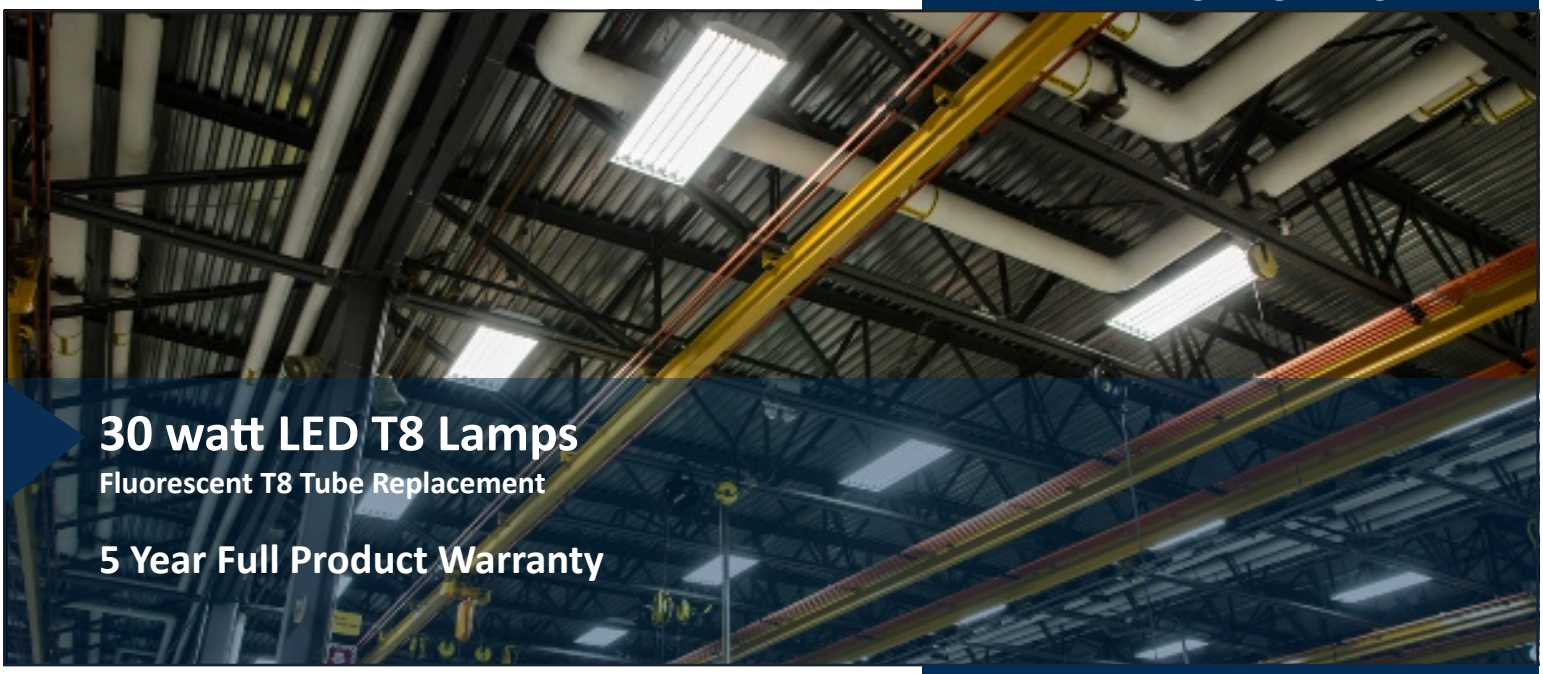
INTERIOR LIGHTING



30 watt LED T8 Lamps

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

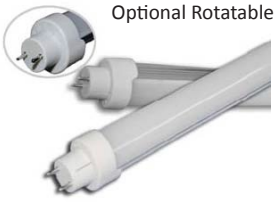
- 4 foot and 6 foot lengths
- Available with clear or frosted shatter resistant PC cover
- Available with rotatable ends for more directional applications
- Direct connect (100-277VAC) input
- No external ballast required, “Type B”
- 50,000 hrs rated life

End Connector Options

G13 bi-pin

FA8 single pin

R17d



Optional Rotatable Ends

Aluminum heat sink
Polycarbonate lens

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

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Ordering Guide: **30 watt T8 LED Lamps:** **Example: EL-ZY-T8-30W-1200-BINX-40K**

Fixture Type	Wattage	Length	Mode	CCT (X,X00) Kelvin	
EL-ZY-T8	30W		BINX		
EL-ZY-T8 T8 Poly-Carbonate/Aluminum Series	30 **30W**	**1200 =** 4 ft. **1800 =** 6 ft.	**BINX** = No Ballast	**30K** 3000K (warm white) **35K** 3500K (warm white) **40K** 4000K (natural white) **50K** 5000K (daylight white)	NOTE: Please specify FA8 - Single Pin or R17dR - HO connector with Rotatable end

SPECIFICATIONS

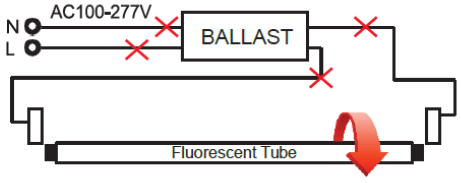
Model	EL-ZY-T8-30W1200-BINX	EL-ZY-T8-30W1800-BINX
Length	**4'** *(HO/R17d end connect = 46")*	**6'** *(HO/R17d end connect = 70")*
Input Voltage	**100-277VAC** Line Direct/Ballast By-pass	
Power	**30W**	
Lumen Output	**3,900**	
Connector Options	**G13 bi-pin (Std T8/T12), R17d recessed, FA8 single pin** All connectors available with optional rotatable ends	
Color Temp	**3000K, 3500K, 4000K, 5000K**	
Housing	**Poly-Carbonate and Aluminum**	
Beam Angle	**120°**	
Operation Temperature	**-20°F to 122°F**	
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.
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)



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.