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

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
### Ordering Guide:

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Length</th>
<th>Mode</th>
<th>CCT (X,X00) Kelvin</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL-ZY-T8</td>
<td>10W</td>
<td>600 = 2 ft.</td>
<td>BIXX = Dual Mode</td>
<td>30K (3000K warm white)</td>
</tr>
<tr>
<td></td>
<td>15W</td>
<td>600U = 2 ft. U-tube</td>
<td></td>
<td>35K (3500K warm white)</td>
</tr>
<tr>
<td></td>
<td>18W</td>
<td>900 = 3 ft.</td>
<td>BINT = No Ballast</td>
<td>40K (4000K natural white)</td>
</tr>
<tr>
<td></td>
<td>22W</td>
<td>1200 = 4 ft.</td>
<td></td>
<td>50K (5000K daylight white)</td>
</tr>
<tr>
<td></td>
<td>40W</td>
<td>2400 = 8 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SPECIFICATIONS

**Model**<br>EL-ZY-T8-10W600BINT<br>EL-ZY-T8-15W900BIXX<br>EL-ZY-T8-15W600UBIXX<br>EL-ZY-T8-15W1200BIXX<br>EL-ZY-T8-18W1200BINT<br>EL-ZY-T8-18W1200BINT<br>EL-ZY-T8-22W1200BINT<br>EL-ZY-T8-40W2400BINT

**Length**<br>2’<br>3’<br>2’U<br>4’<br>8’

**Power**<br>10W<br>15W<br>15W<br>15W<br>18W<br>15W<br>18W<br>22W<br>40W

**Lumen Output**<br>1,400<br>2,100<br>2,100<br>2,100<br>2,520<br>2,100<br>2,520<br>3,080<br>5,600

**Compatible with existing T8 electronic ballasts**<br>Yes (Type A/B)<br>No (Type B)

**Connector Options**<br>G13 bi-pin (Std T8/T12), R17d recessed, FA8 single pin<br>All connectors available with optional rotatable ends

**Color Temp**<br>3000K, 3500K, 4000K, 5000K

**CRI**<br>≥ 80 Ra

**Rated Life**<br>≥ 50,000 hrs.

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**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 them 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.