**Description:** High frequency dimming electronic ballast for (2) F28T5 lamps  
Secondary Application: (2) F21T5 lamps  

- Line voltage: 120vac to 277vac, ±10%, 50-60Hz  
- Programmed rapid start  
- Auto Reset End of Lamp Life Shutdown Circuitry  
- Active power factor correction  
- Series lamp operation  

**Lamp Performance:***

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Input Voltage</th>
<th>Max/Min</th>
<th>Full Bright</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ballast Factor</td>
<td>Input Power</td>
<td>Min Start</td>
</tr>
<tr>
<td>Type</td>
<td>Qty</td>
<td>Voltage</td>
<td>[Watts]</td>
</tr>
<tr>
<td>F28T5</td>
<td>2</td>
<td>120</td>
<td>63/9</td>
</tr>
<tr>
<td>F28T5</td>
<td>2</td>
<td>277</td>
<td>61/9</td>
</tr>
<tr>
<td>F21T5</td>
<td>2</td>
<td>120</td>
<td>47/10</td>
</tr>
<tr>
<td>F21T5</td>
<td>2</td>
<td>277</td>
<td>46/10</td>
</tr>
</tbody>
</table>

Data taken at 100% Light Level unless otherwise noted.  
Application and operation performance specification information subject to change without notification.

**Warranty:**  
Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of (5) years from date of manufacture when properly installed and under normal conditions of use. Call 1-800-BALLAST for technical assistance.

**Dimming Control Specifications:**  
- 10 to 0 vDC Voltage Control  
- 10v = maximum output  
- 0v = minimum output  
- Can be wired as Class 1 or Class 2 Circuit  
- Ballast will source a maximum of 250μA for control needs  
- Built-in line voltage protection circuit: Deep-dimming condition when line voltage is applied to control leads  

**Manufactured in North America**  
Ballast must be grounded in accordance with national and local electrical codes.