**ANALOG DIMMING**

**ELECTRONIC BALLAST**

**0 to 10 vDC CONTROL**

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**C226UNVSV3ME**

**APPLICATION and PERFORMANCE SPECIFICATION**

**Description:** High frequency dimming electronic ballast for (2) CFQ/TR26W lamps

**Secondary Applications:**
- (1) CFM42W, (1) CFTR32W or (1) CFQ/TR26W lamp

- 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

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<table>
<thead>
<tr>
<th>Lamp</th>
<th>Input Voltage</th>
<th>Max/Min</th>
<th>Full Bright</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFQ/TR26W</td>
<td>2</td>
<td>120</td>
<td>1.00/0.03</td>
</tr>
<tr>
<td>CFQ/TR26W</td>
<td>2</td>
<td>277</td>
<td>1.00/0.03</td>
</tr>
<tr>
<td>CFM42W</td>
<td>1</td>
<td>120</td>
<td>1.00/0.03</td>
</tr>
<tr>
<td>CFM42W</td>
<td>1</td>
<td>277</td>
<td>1.00/0.03</td>
</tr>
<tr>
<td>CFTR32W</td>
<td>1</td>
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</table>

Data taken at 100% Light Level unless otherwise noted.

**Application and performance specification information subject to change without notification.**

**Performance:**
- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 for EMI and RFI

**Safety:**
- No PCB’s
- UL (Class P, Type 1 Outdoor, Type CC)

**Physical Parameters:**
- Minimum starting temperature: 32° F, 0° C
- Maximum case temperature: 167° F, 75° C
- Sound rating: Class A
- Remote mounting: 18”
- Line voltage protection for control circuit
- Dimming range: 100% to 3% light output
- Line voltage protection for control circuit
- Maximum lead lengths: Red: 18”
  Blue: 18”

- Please review the SuperDim Application Notes at http://www.universalballast.com/techSupport/application-notes/superdim/index.html

**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 x800 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 250mA for control needs
- Built-in line voltage protection circuit: Deep-dimming condition when line voltage is applied to control leads

**Control Wiring**
- Use Purple (+) & Gray (-) for connection to 0-10vDC.
- Ballast protected if line voltage is applied.
- Wiring Purple & Gray together provides 3% light output.
- Capping Purple & Gray separately provides 100% light output.