ANALOG DIMMING
ELECTRONIC BALLAST
0 to 10 vDC CONTROL

B232PUNVSV3-A

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency dimming electronic ballast for (2) F32T8 lamps

Secondary Applications: (2) F25T8, (2) F17T8 (2) T8/U 32/31/24/16W lamps

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty</th>
<th>Input Voltage</th>
<th>Max/Min Ballast Factor</th>
<th>Input Power [Watts]</th>
<th>Min Start Temp °F/°C</th>
<th>Full Bright</th>
</tr>
</thead>
<tbody>
<tr>
<td>F32T8</td>
<td>2</td>
<td>120</td>
<td>.88/.03</td>
<td>57/11</td>
<td>50/10</td>
<td>0.48</td>
</tr>
<tr>
<td>F32T8</td>
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<td>277</td>
<td>.88/.03</td>
<td>56/12</td>
<td>50/10</td>
<td>0.20</td>
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<tr>
<td>F25T8</td>
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<td>120</td>
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<td>45/11</td>
<td>50/10</td>
<td>0.38</td>
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<td>44/12</td>
<td>50/10</td>
<td>0.16</td>
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<tr>
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<td>32/15</td>
<td>50/10</td>
<td>0.27</td>
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<tr>
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<td>.85/.02</td>
<td>32/16</td>
<td>50/10</td>
<td>0.12</td>
</tr>
</tbody>
</table>

Data taken at 100% Light Level unless otherwise noted.

Application and operation 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 (Class P, Type 1 Outdoor, Type CC)

Safety:
- Meets ANSI Standard C62.41
- No PCBs
- CULUS LISTED

Application:
- Minimum Starting Temperature: 50°F, 10°C
- Maximum Ambient Temperature: 104°F, 40°C
- Maximum Case Temperature at tₚ: 167°F, 75°C
- Sound Rated: Class A
- Remote Mounting: 8 ft max lead length, 18 AWG
- Tandem Wiring: Not Recommended
- Maximum lead lengths: Yel: 8 ft
- Red: 8 ft
- Blue: 8 ft
- Carton Quantity: 10

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 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 250uA 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.

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

1-800-BALLAST
www.unvlt.com
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