

## 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,  $\pm 10\%$ , 50-60Hz
- Auto Reset End of Lamp Life Shutdown Circuitry
- Series lamp operation
- Programmed rapid start
- Active power factor correction

Lamp		Input Voltage	Max/Min		Min Start Temp °F/°C	Full Bright			
Type	Qty		Ballast Factor	Input Power [Watts]		Line Current [Amps]	Max Thd [%]	Crest Factor	BEF
F32T8	2	120	.88/.03	57/11	50/10	0.48	10	1.7	1.54
F32T8	2	277	.88/.03	56/12	50/10	0.20	10	1.7	1.57
F25T8	2	120	.85/.02	45/11	50/10	0.38	10	1.7	1.89
F25T8	2	277	.85/.02	44/12	50/10	0.16	10	1.7	1.93
F17T8	2	120	.85/.02	32/15	50/10	0.27	10	1.7	2.66
F17T8	2	277	.85/.02	32/16	50/10	0.12	10	1.7	2.66

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 Non-Consumer Limits

#### Safety:

- No PCB's
- cUL<sub>US</sub> LISTED (Class P, Type 1 Outdoor, Type CC)

#### Application:

- Minimum Starting Temperature: 50° F, 10° C
- Maximum Ambient Temperature: 104° F, 40° C
- Maximum Case Temperature [at  $t_c$ ]: 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

#### Physical Parameters

- Mounting Length: 8.89" (Center to Center)
- Overall Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.7 lb
- Carton Quantity 10
- Lead Length:
  - Blk, Wht 25" (+/-1")
  - Pur, Gry 25" (+/-1")
  - Red, Blue 33" (+/-1")
  - Yellow 47" (+/-1")

- 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-BALLASTx800 for technical assistance.

#### Dimming Control Specifications:

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

#### Manufactured in North America

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

#### 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.

