

# B132PUNVSV3-A

## APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency dimming electronic ballast for (1) F32T8 lamps

**Secondary Applications:** (1)F25T8, F17T8, F32T8ES, (30W), F28T8, F32T5ES (25W) and T8/U 32/31/24/16W lamp

- Line voltage: 120vac to 277vac,  $\pm 10\%$ , 50-60Hz
- Auto Reset End of Lamp Life Shutdown Circuitry
- 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	1	120	.88/.03	30/8	50/10	0.25	< 10	1.7	2.93
F32T8	1	277	.88/.03	30/8	50/10	0.11	< 10	1.7	2.93
F25T8	1	120	.85/.02	22/7	50/10	0.18	< 10	1.7	3.86
F25T8	1	277	.85/.02	22/7	50/10	0.08	< 10	1.7	3.86
F17T8	1	120	.85/.02	16/7	50/10	0.13	< 10	1.7	5.31
F17T8	1	277	.85/.02	16/7	50/10	0.06	< 10	1.7	5.31
F32T8ES (30W)	1	120	.88/.03	27/7	50/10	0.23	< 10	1.7	3.26
F32T8ES (30W)	1	277	.88/.03	27/7	50/10	0.10	< 10	1.7	3.26
F28T8	1	120	.88/.03	24/7	50/10	0.20	< 10	1.7	3.67
F28T8	1	277	.88/.03	24/7	50/10	0.09	< 10	1.7	3.67
F32T8ES (25W)	1	120	.88/.03	22/7	50/10	0.18	< 10	1.7	4.00
F32T8ES (25W)	1	277	.88/.03	22/7	50/10	0.08	< 10	1.7	4.00

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
- Meets the NEMA Premium® efficiency specifications

### 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  $t_{c_j}$ ]: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 8 ft. max. lead length, 18 AWG
- Tandem Wiring: Not Recommended
- Maximum lead lengths: 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 pieces
- Lead Length: Blk, Wht 25" (+/-1")  
Pur, Gry 25" (+/-1")  
Red, Blue 33" (+/-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.

