

B232PUNVSV3-A

APPLICATION and PERFORMANCE SPECIFICATION

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

Secondary Applications: (2)F25T8, (2)F17T8, (2)F32T8ES (30W), (2)F28T8, (2)F32T5ES (25W) and T8/U 32/31/24/16W lamp

- 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

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
F32T8ES (30W)	2	120	.88/.03	56/16	50/10	0.46	10	1.7	1.57
F32T8ES (30W)	2	277	.88/.03	54/16	50/10	0.19	10	1.7	1.63
F28T8	2	120	.88/.03	49/14	50/10	0.41	10	1.7	1.80
F28T8	2	277	.88/.03	47/14	50/10	0.17	10	1.7	1.87
F32T8ES (25W)	2	120	.88/.03	45/13	50/10	0.37	10	1.7	1.96
F32T8ES (25W)	2	277	.88/.03	43/14	50/10	0.16	10	1.7	2.05

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_{US} 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_{cj}]: 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.

