



## B232PUNVHP-A

### APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (2/1) F32T8, (2/1) F32T8ES-30W, (2/1) F32T8ES-25W, (2/1) F28T8, (2) F25T8, or (2) F17T8. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Series Lamp Operation
- Programmed Rapid Start
- Active Power Factor Correction
- Operating Frequency: 66kHz

\*60 Hz data

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	#								
F32T8	2	120	62	0.52	> .99	.88	1.42	< 10%	< 1.5
F32T8	2	277	60	0.22	> .98	.88	1.47	< 10%	< 1.5
F32T8	1	120	32	0.27	> .99	1.00	3.13	< 10%	< 1.6
F32T8	1	277	32	0.12	> .95	1.00	3.13	< 15%	< 1.6
F32T8ES (30W)	2	120	60	0.50	> .99	.88	1.47	< 10%	< 1.6
F32T8ES (30W)	2	277	58	0.21	> .98	.88	1.52	< 10%	< 1.6
F32T8ES (30W)	1	120	30	0.25	> .99	1.00	3.33	< 10%	< 1.6
F32T8ES (30W)	1	277	30	0.11	> .95	1.00	3.33	< 10%	< 1.6
F32T8ES (25W)	2	120	52	0.43	> .99	.88	1.69	< 10%	< 1.6
F32T8ES (25W)	2	277	52	0.19	> .98	.88	1.69	< 10%	< 1.6
F32T8ES (25W)	1	120	27	0.22	> .99	1.00	3.70	< 10%	< 1.6
F32T8ES (25W)	1	277	27	0.10	> .94	1.00	3.70	< 10%	< 1.6
F28T8	2	120	56	0.47	> .99	.88	1.57	< 10%	< 1.6
F28T8	2	277	55	0.20	> .98	.88	1.60	< 10%	< 1.6
F28T8	1	120	30	0.25	> .99	1.00	3.33	< 10%	< 1.6
F28T8	1	277	30	0.11	> .95	1.00	3.33	< 10%	< 1.6
F25T8	2	120	47	0.40	> .99	.94	2.00	< 10%	< 1.6
F25T8	2	277	46	0.17	> .97	.94	2.04	< 10%	< 1.6
F17T8	2	120	34	0.28	> .99	.95	2.79	< 10%	< 1.6
F17T8	2	277	34	0.13	> .95	.95	2.79	< 15%	< 1.6

Application and Performance Specification Information Subject to Change without Notification.

#### Performance:

- Meets ANSI Standard C82.11-1993
- Meets ANSI Standard C62.41-1991
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- Meets CSA Standard 654 for Ballast Efficiency
- Anti-striation circuitry

#### Safety:

- No PCB's
- UL listed (Class P, Type 1 Outdoor, Type HL)
- CSA Certified

#### Application:

- Minimum Starting Temperature: 0° F, -18° C  
For ES & 28W Lamps: 60° F, 16° C
- Maximum Case Temperature: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 20 ft. max. lead length, 18 AWG

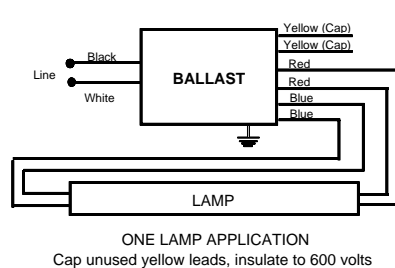
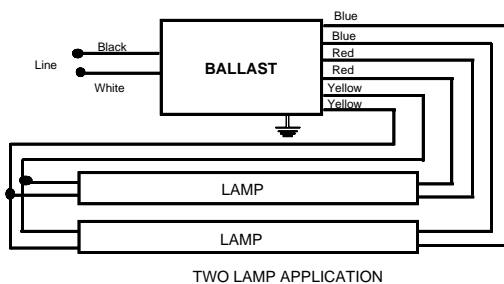
#### Physical Parameters

- Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.70 lbs
- Lead Length: Black, White 25" (+/-1")  
Red, Blue 33" (± 1")  
Yellow 47" (± 1")

#### 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.

#### Manufactured in North America



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

