

**B332IUNVHP-A**

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (3/2) F32T8, (3/2) F32T8ES, (3/2) F32T8ES-25W, (3/2) F28T8, (3) F25T8, (3) F17T8, (2) F40T8 and (3) F25T12 lamps. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Instant Start
- Parallel Lamp Operation
- Active Power Factor Correction

\*60 Hz data

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total Factor	Crest Factor
Type	#								
F32T8	3	120	85	0.71	> .99	.88	1.04	< 10%	< 1.7
F32T8	3	277	83	0.31	> .98	.88	1.06	< 10%	< 1.7
F32T8	2	120	63	0.53	> .99	.99	1.57	< 10%	< 1.7
F32T8	2	277	63	0.24	> .95	.99	1.57	< 10%	< 1.7
F32T8ES	3	120	79	0.66	> .99	.89	1.13	< 10%	< 1.7
F32T8ES	3	277	77	0.29	> .95	.89	1.16	< 10%	< 1.7
F32T8ES	2	120	59	0.50	> .99	.99	1.68	< 10%	< 1.7
F32T8ES	2	277	59	0.22	> .95	.99	1.68	< 10%	< 1.7
F32T8ES (25W)	3	120	69	0.57	> .99	.90	1.30	< 10%	< 1.7
F32T8ES (25W)	3	277	68	0.26	> .95	.90	1.32	< 10%	< 1.7
F32T8ES (25W)	2	120	51	0.43	> .98	1.00	1.96	< 10%	< 1.7
F32T8ES (25W)	2	277	51	0.20	> .90	1.00	1.96	< 10%	< 1.7
F28T8	3	120	73	0.61	> .99	.89	1.22	< 10%	< 1.7
F28T8	3	277	71	0.27	> .95	.89	1.25	< 10%	< 1.7
F28T8	2	120	55	0.46	> .99	.99	1.80	< 10%	< 1.7
F28T8	2	277	54	0.21	> .90	.99	1.83	< 10%	< 1.7
F25T8	3	120	66	0.55	> .99	.90	1.36	< 10%	< 1.7
F25T8	3	277	65	0.25	> .90	.90	1.38	< 10%	< 1.7
F17T8	3	120	45	0.38	> .99	.92	2.04	< 10%	< 1.7
F17T8	3	277	45	0.18	> .90	.92	2.04	< 10%	< 1.7
F40T8	2	120	78	0.65	> .99	.95	1.22	< 10%	< 1.7
F40T8	2	277	77	0.29	> .95	.95	1.23	< 10%	< 1.7
F25T12	3	120	69	0.58	> .99	.90	1.30	< 10%	< 1.7
F25T12	3	277	68	0.26	> .95	.91	1.34	< 10%	< 1.7

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
- 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 F40T8 lamps: 32° F, 0° C  
For ES & 28W Lamps: 60° F, 16° C
- Maximum Case Temperature: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 18 ft. max. lead length, 18 AWG
- No remote/tandem wiring for ES lamps

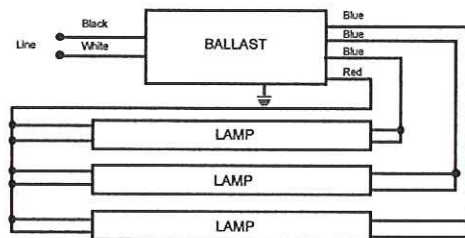
**Physical Parameters:**

- Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.7 lbs.
- Lead Length: White, Black 25" (± 1")  
Red & Blue 31" (± 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. Call 1-800-BALLASTx800 for technical assistance.

Manufactured in North America



Note: For two lamp application, cap one blue lead, insulate to 600 volts

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

