

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (2/1) F32T8, (2/1) F32T8ES-30W, (2/1) F32T8ES-25W, (2/1) F28T8, (2/1) F25T8, (2/1) F17T8, (1) F40T8 and (2) F25T12 lamps. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
 - Parallel Lamp Operation
 - Instant Start
 - Active Power Factor Correction
- *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	56	0.47	> .99	.88	1.57	< 10%	< 1.7
F32T8	2	277	55	0.19	> .99	.88	1.60	< 10%	< 1.7
F32T8	1	120	35	0.29	> .99	1.05	3.00	< 10%	< 1.7
F32T8	1	277	35	0.13	> .98	1.05	3.00	< 10%	< 1.7
F32T8ES (30W)	2	120	53	0.44	> .99	.88	1.66	< 10%	< 1.7
F32T8ES (30W)	2	277	52	0.19	> .98	.88	1.69	< 10%	< 1.7
F32T8ES (30W)	1	120	33	0.28	> .99	1.05	3.18	< 10%	< 1.7
F32T8ES (30W)	1	277	33	0.12	> .98	1.05	3.18	< 10%	< 1.7
F32T8ES (25W)	2	120	44	0.37	> .99	.88	2.00	< 10%	< 1.7
F32T8ES (25W)	2	277	43	0.16	> .98	.88	2.05	< 10%	< 1.7
F32T8ES (25W)	1	120	28	0.23	> .99	1.05	3.75	< 10%	< 1.7
F32T8ES (25W)	1	277	28	0.10	> .98	1.05	3.75	< 10%	< 1.7
F28T8	2	120	48	0.41	> .99	.88	1.83	< 10%	< 1.7
F28T8	2	277	47	0.17	> .98	.88	1.87	< 10%	< 1.7
F28T8	1	120	31	0.26	> .99	1.05	3.39	< 10%	< 1.7
F28T8	1	277	30	0.11	> .98	1.05	3.50	< 10%	< 1.7
F25T8	2	120	45	0.37	> .99	.90	2.00	< 10%	< 1.7
F25T8	2	277	44	0.16	> .98	.90	2.05	< 10%	< 1.7
F25T8	1	120	29	0.24	> .99	1.09	3.76	< 10%	< 1.7
F25T8	1	277	29	0.11	> .98	1.09	3.76	< 10%	< 1.7
F17T8	2	120	32	0.26	> .99	.91	2.84	< 10%	< 1.7
F17T8	2	277	32	0.12	> .98	.91	2.84	< 10%	< 1.7
F17T8	1	120	21	0.17	> .99	1.10	5.24	< 10%	< 1.7
F17T8	1	277	21	0.08	> .97	1.10	5.24	< 10%	< 1.7
F40T8	1	120	43	0.36	> .99	1.03	2.40	< 10%	< 1.7
F40T8	1	277	42	0.15	> .98	1.03	2.45	< 10%	< 1.7
F25T12	2	120	45	0.38	> .99	.92	2.04	< 10%	< 1.7
F25T12	2	277	44	0.16	> .98	.92	2.09	< 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
- 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
For F40T8: 32° F, 0° 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

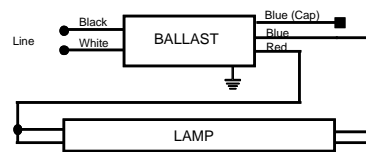
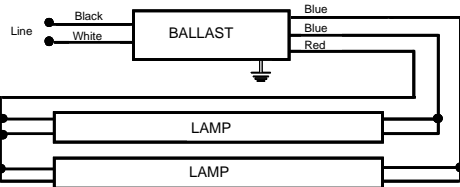
Physical Parameters

- Length: 9.50"
- Width: 1.50"
- Height: 1.00"
- Weight: 1.10 lbs
- Lead Length: Black, White 25" (+/-1")
- Red 48" (+/-1")
- 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



For one lamp application, individually cap blue leads, insulate to 600 volts

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