

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (2/1) F32T8ES-30W, (2/1) F32T8ES-25W, (2/1) F32T8, (2/1) F28T8, (2) F25T8, (2) F17T8 and (1) F40T8 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	#								
F32T8ES (30W)	2	120	46	0.38	> .95	0.77	1.67	< 10%	< 1.7
F32T8ES (30W)	2	277	46	0.17	> .95	0.77	1.67	< 10%	< 1.7
F32T8ES (30W)	1	120	28	0.23	> .95	0.92	3.29	< 10%	< 1.7
F32T8ES (30W)	1	277	28	0.11	> .95	0.92	3.29	< 10%	< 1.7
F32T8ES (25W)	2	120	39	0.33	> .99	0.77	1.97	< 10%	< 1.7
F32T8ES (25W)	2	277	38	0.14	> .98	0.77	2.03	< 10%	< 1.7
F32T8ES (25W)	1	120	24	0.20	> .99	0.95	3.96	< 10%	< 1.7
F32T8ES (25W)	1	277	25	0.09	> .95	0.95	3.80	< 15%	< 1.7
F32T8	2	120	48	0.40	> .95	0.77	1.60	< 10%	< 1.7
F32T8	2	277	48	0.17	> .95	0.77	1.60	< 10%	< 1.7
F32T8	1	120	30	0.24	> .95	0.95	3.17	< 10%	< 1.7
F32T8	1	277	30	0.11	> .95	0.95	3.17	< 10%	< 1.7
F28T8	2	120	43	0.36	> .95	0.77	1.79	< 10%	< 1.7
F28T8	2	277	43	0.15	> .95	0.77	1.79	< 10%	< 1.7
F28T8	1	120	26	0.22	> .95	0.95	3.65	< 10%	< 1.7
F28T8	1	277	27	0.10	> .95	0.95	3.52	< 10%	< 1.7
F25T8	2	120	36	0.30	> .95	0.79	2.19	< 10%	< 1.7
F25T8	2	277	37	0.14	> .95	0.80	2.18	< 10%	< 1.7
F17T8	2	120	25	0.21	> .95	0.80	3.20	< 10%	< 1.7
F17T8	2	277	26	0.10	> .95	0.80	3.08	< 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
- Maximum Ambient Temperature: 105° F, 40° C
- Sound Rated: A
- Remote Mounting: 20 ft. max. lead length, 18 AWG

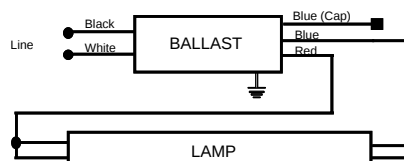
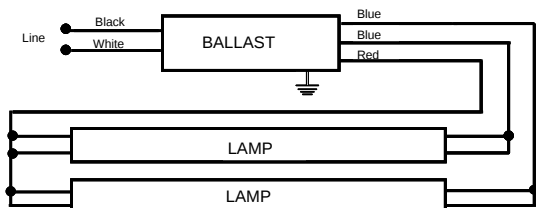
Physical Parameters

Length: 9.50"
Width: 1.70"
Height: 1.18"
Weight: 1.70 lbs
Lead Length: Black, White 25" (+/-1")
Red 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.