

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 and (2) F17T8 lamps. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Parallel Lamp Operation
- *60 Hz data

- Instant Start
- Active Power Factor Correction
- Also operates on 140 VDC input, (+) L (-) N

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	#								
F32T8	2	120	49	0.42	> .95	0.77	1.60	< 10%	< 1.7
F32T8	2	277	49	0.18	> .95	0.77	1.60	< 10%	< 1.7
F32T8	1	120	31	0.26	> .95	0.91	3.00	< 10%	< 1.7
F32T8	1	277	30	0.11	> .95	0.91	2.98	< 10%	< 1.7
F32T8ES (30W)	2	120	47	0.40	> .95	0.75	1.57	< 10%	< 1.7
F32T8ES (30W)	2	277	47	0.17	> .95	0.75	1.60	< 10%	< 1.7
F32T8ES (30W)	1	120	29	0.24	> .95	0.89	3.04	< 10%	< 1.7
F32T8ES (30W)	1	277	29	0.10	> .95	0.88	3.08	< 10%	< 1.7
F32T8ES (25W)	2	120	39	0.33	> .99	0.72	1.83	< 10%	< 1.7
F32T8ES (25W)	2	277	38	0.14	> .98	0.71	1.87	< 10%	< 1.7
F32T8ES (25W)	1	120	24	0.20	> .99	0.84	3.54	< 10%	< 1.7
F32T8ES (25W)	1	277	24	0.09	> .95	0.85	3.55	< 15%	< 1.7
F28T8	2	120	43	0.36	> .95	0.75	1.76	< 10%	< 1.7
F28T8	2	277	42	0.15	> .95	0.74	1.77	< 10%	< 1.7
F28T8	1	120	27	0.23	> .95	0.88	3.30	< 10%	< 1.7
F28T8	1	277	26	0.10	> .95	0.88	3.31	< 10%	< 1.7
F25T8	2	120	39	0.32	> .95	0.79	2.04	< 10%	< 1.7
F25T8	2	277	38	0.14	> .95	0.79	2.08	< 10%	< 1.7
F17T8	2	120	28	0.23	> .95	0.75	2.69	< 10%	< 1.7
F17T8	2	277	28	0.10	> .95	0.75	2.71	< 10%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11-2011
- Meets ANSI Standard C62.41-2002
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- Meets CSA Standard 654 for Ballast Efficiency
- Anti-striation circuitry

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' max, with full wattage lamps
6' max, with energy saving lamps

Safety:

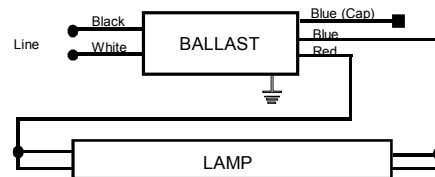
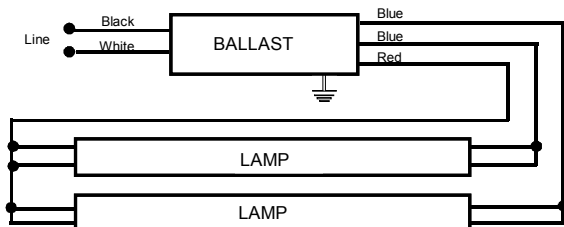
- No PCB's
- cULus listed (Class P, Type 1 Outdoor, Type HL)

Physical Parameters:

- Mounting Length: 8.9" ±0.01"
- Overall Length: 9.5" ±0.01"
- Width: 1.31" +0.03"/- 0.02"
- Height: 1.00" +0.04"/- 0.01"
- Weight: .89 lbs
- Carton Quantity: 10
- Lead Lengths (± 1"): 010C, 00LI, 000T, 000I
- Black, White 25" 12"
- Red 48" 21"
- Blue 31" 12"

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.



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

Manufactured in North America

Ballast must be grounded