

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (3/2) F32T8ES-30W, (3/2) F32T8ES-25W, (3/2) F32T8, (3/2) F28T8, (2) F40T8, (3) F25T8, and (3) F17T8. 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)	3	120	70	0.58	> .99	.77	1.10	< 10%	< 1.7
F32T8ES (30W)	3	277	69	0.25	> .98	.77	1.12	< 10%	< 1.7
F32T8ES (30W)	2	120	54	0.46	> .99	.89	1.65	< 10%	< 1.7
F32T8ES (30W)	2	277	53	0.20	> .98	.89	1.68	< 10%	< 1.7
F32T8ES (25W)	3	120	58	0.48	> .99	.77	1.33	< 10%	< 1.7
F32T8ES (25W)	3	277	57	0.21	> .97	.77	1.35	< 10%	< 1.7
F32T8ES (25W)	2	120	44	0.37	> .99	.89	2.02	< 10%	< 1.7
F32T8ES (25W)	2	277	43	0.16	> .95	.89	2.07	< 10%	< 1.7
F32T8	3	120	74	0.61	> .99	.77	1.04	< 10%	< 1.7
F32T8	3	277	73	0.26	> .98	.77	1.05	< 10%	< 1.7
F32T8	2	120	57	0.48	> .99	.89	1.56	< 10%	< 1.7
F32T8	2	277	56	0.21	> .97	.89	1.59	< 10%	< 1.7
F28T8	3	120	66	0.53	> .99	.77	1.17	< 10%	< 1.7
F28T8	3	277	65	0.23	> .97	.77	1.18	< 10%	< 1.7
F28T8	2	120	49	0.41	> .99	.89	1.82	< 10%	< 1.7
F28T8	2	277	48	0.18	> .95	.89	1.85	< 10%	< 1.7
F40T8	2	120	68	0.57	> .99	.89	1.31	< 10%	< 1.7
F40T8	2	277	66	0.25	> .98	.89	1.35	< 10%	< 1.7
F25T8	3	120	59	0.49	> .99	.80	1.36	< 10%	< 1.7
F25T8	3	277	58	0.22	> .97	.80	1.38	< 10%	< 1.7
F17T8	3	120	42	0.35	> .99	.82	1.95	< 10%	< 1.7
F17T8	3	277	41	0.15	> .95	.82	2.00	< 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
- cULus
- (Class P, Type 1 Outdoor, Type HL)

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
- No remote/tandem wiring for ES lamps

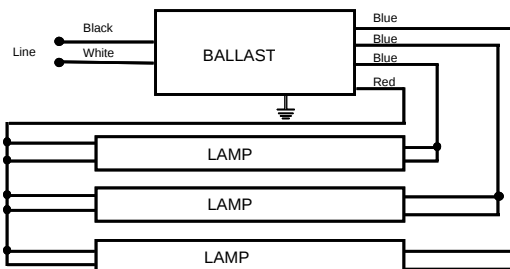
Physical Parameters

Length:	9.50"
Width:	1.70"
Height:	1.18"
Weight:	1.7 lbs.
Lead Length:	White, Black 25" (± 1")
	Red 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



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.

