

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (3/2) F32T8, (3/2) F32T8ES (30W), (3/2) F32T8ES (28W), (2) F40T8, (3/2) F25T8ES-(25W), (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	#								
F32T8	3	120	83	0.70	> .99	.87	1.05	< 10%	< 1.7
F32T8	3	277	81	0.30	> .98	.87	1.07	< 10%	< 1.7
F32T8	2	120	64	0.53	> .99	.99	1.55	< 10%	< 1.7
F32T8	2	277	63	0.23	> .98	.99	1.57	< 10%	< 1.7
F32T8ES (30W)	3	120	79	0.65	> .99	.87	1.10	< 10%	< 1.7
F32T8ES (30W)	3	277	77	0.28	> .98	.87	1.13	< 10%	< 1.7
F32T8ES (30W)	2	120	59	0.49	> .99	.99	1.68	< 10%	< 1.7
F32T8ES (30W)	2	277	57	0.21	> .97	.99	1.74	< 10%	< 1.7
F32T8ES (25W)	3	120	66	0.56	> .98	.87	1.32	< 10%	< 1.7
F32T8ES (25W)	3	277	65	0.24	> .95	.87	1.34	< 10%	< 1.7
F32T8ES (25W)	2	120	51	0.43	> .98	.99	1.94	< 10%	< 1.7
F32T8ES (25W)	2	277	50	0.19	> .95	.99	1.98	< 10%	< 1.7
F32T8ES (28W)	3	120	75	0.60	> .99	.87	1.16	< 10%	< 1.7
F32T8ES (28W)	3	277	73	0.26	> .98	.87	1.19	< 10%	< 1.7
F32T8ES (28W)	2	120	54	0.45	> .99	.99	1.83	< 10%	< 1.7
F32T8ES (28W)	2	277	53	0.19	> .97	.99	1.87	< 10%	< 1.7
F40T8	2	120	77	0.64	> .99	.99	1.29	< 10%	< 1.7
F40T8	2	277	75	0.27	> .98	.99	1.32	< 10%	< 1.7
F25T8	3	120	67	0.56	> .99	.90	1.34	< 10%	< 1.7
F25T8	3	277	66	0.24	> .98	.90	1.36	< 10%	< 1.7
F17T8	3	120	46	0.39	> .99	.92	2.00	< 10%	< 1.7
F17T8	3	277	46	0.17	> .97	.92	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
- UL listed (Class P, Type 1 Outdoor, Type HL)
- CSA Certified

**Application:**

- Minimum Starting Temperature: 0° F, -18° C  
For ES Lamps: 60° F, 16° C
- Maximum Ambient Temperature: 105° F, 40° C
- Sound Rated: A
- Remote Mounting: 20 ft. max. lead length, 18 AWG

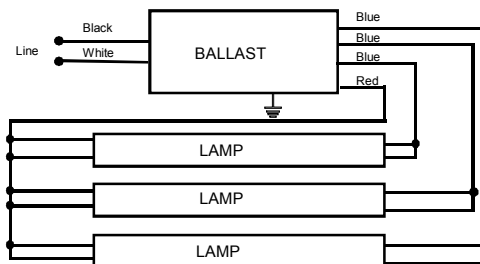
**Physical Parameters**

- Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.7 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**

