

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (3/2) F32T8, (3/2) F32T8ES-30W, (3/2) F28T8, (3/2) F32T8ES-25W, (3/2) F25T8 and (3/2) F17T8. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Parallel Lamp Operation
- Programmed Rapid 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	113	0.94	> .99	1.17	1.04	< 10%	< 1.7
F32T8	3	277	110	0.40	> .99	1.17	1.07	< 10%	< 1.7
F32T8	2	120	84	0.70	> .99	1.30	1.54	< 10%	< 1.7
F32T8	2	277	83	0.30	> .99	1.30	1.57	< 10%	< 1.7
F32T8ES (30W)	3	120	107	0.88	> .99	1.17	1.09	< 10%	< 1.7
F32T8ES (30W)	3	277	105	0.37	> .99	1.17	1.11	< 10%	< 1.7
F32T8ES (30W)	2	120	83	0.66	> .99	1.30	1.57	< 10%	< 1.7
F32T8ES (30W)	2	277	81	0.28	> .99	1.30	1.60	< 10%	< 1.7
F28T8	3	120	92	0.79	> .98	1.17	1.27	< 10%	< 1.7
F28T8	3	277	90	0.34	> .98	1.17	1.29	< 10%	< 1.7
F28T8	2	120	70	0.60	> .98	1.30	1.87	< 10%	< 1.7
F28T8	2	277	69	0.26	> .98	1.30	1.89	< 10%	< 1.7
F32T8ES (25W)	3	120	87	0.72	> .98	1.17	1.34	< 10%	< 1.7
F32T8ES (25W)	3	277	86	0.31	> .98	1.17	1.37	< 10%	< 1.7
F32T8ES (25W)	2	120	66	0.54	> .98	1.30	1.98	< 10%	< 1.7
F32T8ES (25W)	2	277	65	0.24	> .98	1.30	2.00	< 10%	< 1.7
F25T8	3	120	87	0.72	> .98	1.18	1.36	< 10%	< 1.7
F25T8	3	277	85	0.31	> .98	1.18	1.38	< 10%	< 1.7
F25T8	2	120	66	0.55	> .98	1.31	1.98	< 10%	< 1.7
F25T8	2	277	65	0.24	> .98	1.31	2.00	< 10%	< 1.7
F17T8	3	120	59	0.49	> .98	1.19	2.02	< 10%	< 1.7
F17T8	3	277	58	0.22	> .98	1.19	2.04	< 10%	< 1.7
F17T8	2	120	45	0.38	> .98	1.31	2.90	< 10%	< 1.7
F17T8	2	277	45	0.17	> .98	1.31	2.89	< 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

Safety:

- No PCBs
- cUL US listed (Class P, Type 1 Outdoor, Type HL)

Application:

- Minimum Starting Temperature: 0° F, -18° C
With no remote mounting: -20° F, -29° C
For ES & 28W Lamps: 60° F, 16° C
- Maximum Case Temperature: 194° F, 90° C
- Sound Rated: A
- Remote Mounting: 20 ft. max. lead length, 18 AWG
- Tandem Wiring: 20 ft. max. lead length, 18 AWG

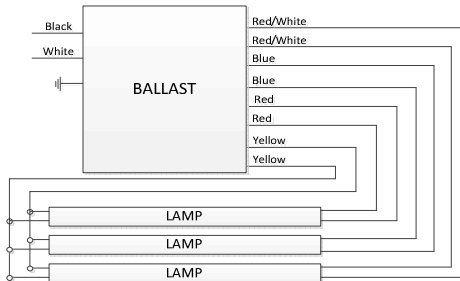
Physical Parameters:

- Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.3 lbs.
- Lead Length: White, Black 25" (± 1")
Red, Blue 33" (± 1")
Yellow 47" (± 1")

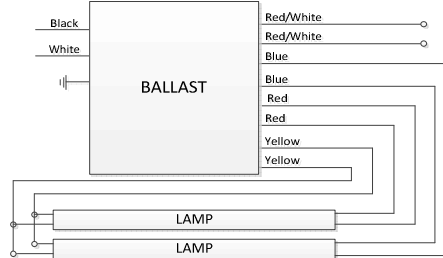
Warranty:

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 with a maximum case temperature of 75°C or 3 years when used with a maximum case temperature of 90°C.

Call 1-800-BALLASTx800 for technical assistance.



Three Lamp Application



Two Lamp Application

Cap unused red/white leads, insulate to 600 Volts



Ballast Must be Grounded
Manufactured in North America

www.unvlt.com

