

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (3/2) F32T8, (3/2) F32T8ES-30W, (3/2) F28T8, (2) F40T8, (3/2) F32T8ES-25W, (3) F25T8 and (3) F17T8. Also equivalent U-shaped lamps.

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

- Programmed Rapid Start
- Active Power Factor Correction

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	#								
F32T8, F31T8/U	3	120	84	0.70	> .90	.88	1.05	< 10%	< 1.7
F32T8, F31T8/U	3	277	82	0.30	> .90	.88	1.07	< 10%	< 1.7
F32T8, F31T8/U	2	120	65	0.54	> .90	1.03	1.59	< 10%	< 1.7
F32T8, F31T8/U	2	277	64	0.24	> .90	1.03	1.61	< 10%	< 1.7
F32T8ES (30W)	3	120	78	0.65	> .90	.88	1.13	< 10%	< 1.7
F32T8ES (30W)	3	277	76	0.28	> .90	.88	1.15	< 10%	< 1.7
F32T8ES (30W)	2	120	60	0.50	> .90	1.03	1.72	< 10%	< 1.7
F32T8ES (30W)	2	277	59	0.22	> .90	1.03	1.73	< 10%	< 1.7
F32T8ES (25W)	3	120	66	0.55	> .90	.88	1.34	< 10%	< 1.7
F32T8ES (25W)	3	277	65	0.24	> .90	.88	1.35	< 10%	< 1.7
F32T8ES (25W)	2	120	50	0.42	> .90	1.04	2.07	< 10%	< 1.7
F32T8ES (25W)	2	277	48	0.18	> .90	1.04	2.15	< 10%	< 1.7
F28T8	3	120	71	0.59	> .90	.88	1.25	< 10%	< 1.7
F28T8	3	277	68	0.25	> .90	.88	1.29	< 10%	< 1.7
F28T8	2	120	54	0.45	> .90	1.04	1.93	< 10%	< 1.7
F28T8	2	277	53	0.20	> .90	1.04	1.97	< 10%	< 1.7
F40T8	2	120	77	0.64	> .90	1.02	1.33	< 10%	< 1.7
F40T8	2	277	74	0.27	> .90	1.02	1.38	< 10%	< 1.7
F25T8	3	120	63	0.53	> .90	.89	1.40	< 10%	< 1.7
F25T8	3	277	62	0.23	> .90	.89	1.43	< 10%	< 1.7
F24T8/U	3	120	60	0.50	> .90	.89	1.49	< 10%	< 1.7
F24T8/U	3	277	59	0.22	> .90	.89	1.50	< 10%	< 1.7
F17T8	3	120	44	0.37	> .90	.91	2.05	< 10%	< 1.7
F17T8	3	277	43	0.16	> .90	.91	2.14	< 10%	< 1.7
F16T8/U	3	120	41	0.34	> .90	.91	2.23	< 10%	< 1.7
F16T8/U	3	277	40	0.15	> .90	.91	2.30	< 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:

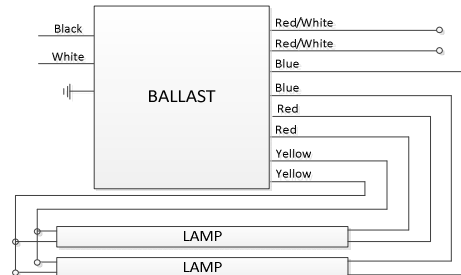
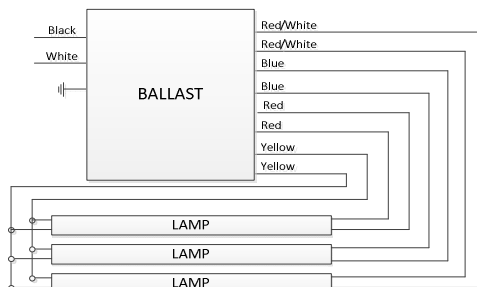
- Minimum Starting Temperature: 0° F, -18° C with no remote mounting -20° F, -29° C for ES & 28W lamps: 60° F, 16° C
- Maximum Case Temperature: 167° F, 75° C
- Sound Rated: A
- Remote/Tandem Mounting: 20' max, with full wattage lamps 6' max, with energy saving lamps

Physical Parameters:

Length:	9.50"
Width:	1.70"
Height:	1.18"
Weight:	1.7 lbs.
Lead Lengths (±1"):	<u>010C, 200C</u> <u>000I</u>
	White, Black 25" 12"
	Red, Blue 33" 12"
	Yellow 47" 21"

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 two lamp application, cap unused red/white leads, insulate to 600 volts

Manufactured in North America

Ballast Must be Grounded