

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

- Programmed 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, F31T8/U	3	120	70	0.58	> .90	.71	1.02	< 10%	< 1.7
F32T8, F31T8/U	3	277	69	0.25	> .90	.71	1.03	< 10%	< 1.7
F32T8, F31T8/U	2	120	53	0.44	> .90	.87	1.65	< 10%	< 1.7
F32T8, F31T8/U	2	277	52	0.20	> .90	.87	1.68	< 10%	< 1.7
F32T8ES (30W)	3	120	64	0.53	> .90	.71	1.12	< 10%	< 1.7
F32T8ES (30W)	3	277	63	0.23	> .90	.71	1.13	< 10%	< 1.7
F32T8ES (30W)	2	120	49	0.41	> .90	.87	1.77	< 10%	< 1.7
F32T8ES (30W)	2	277	48	0.18	> .90	.87	1.82	< 10%	< 1.7
F32T8ES (25W)	3	120	55	0.46	> .90	.71	1.30	< 10%	< 1.7
F32T8ES (25W)	3	277	54	0.20	> .90	.71	1.32	< 10%	< 1.7
F32T8ES (25W)	2	120	42	0.35	> .90	.87	2.07	< 10%	< 1.7
F32T8ES (25W)	2	277	41	0.16	> .90	.87	2.13	< 10%	< 1.7
F28T8	3	120	59	0.49	> .90	.71	1.21	< 10%	< 1.7
F28T8	3	277	58	0.21	> .90	.71	1.22	< 10%	< 1.7
F28T8	2	120	46	0.38	> .90	.87	1.91	< 10%	< 1.7
F28T8	2	277	45	0.17	> .90	.87	1.92	< 10%	< 1.7
F40T8	2	120	64	0.53	> .90	.85	1.34	< 10%	< 1.7
F40T8	2	277	62	0.23	> .90	.85	1.36	< 10%	< 1.7
F25T8	3	120	55	0.46	> .90	.73	1.34	< 10%	< 1.7
F25T8	3	277	54	0.20	> .90	.73	1.36	< 10%	< 1.7
F24T8/U	3	120	50	0.42	> .90	.73	1.47	< 10%	< 1.7
F24T8/U	3	277	49	0.18	> .90	.73	1.48	< 10%	< 1.7
F17T8	3	120	37	0.31	> .90	.74	1.99	< 10%	< 1.7
F17T8	3	277	37	0.14	> .90	.74	2.01	< 10%	< 1.7
F16T8/U	3	120	34	0.28	> .90	.74	2.20	< 10%	< 1.7
F16T8/U	3	277	34	0.13	> .90	.74	2.19	< 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:

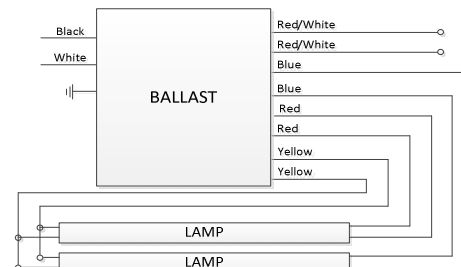
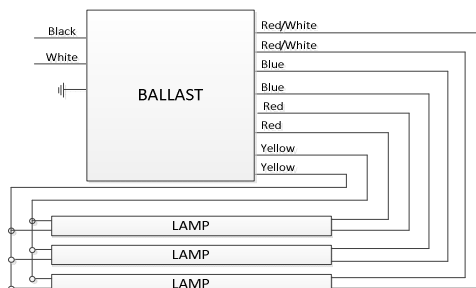
- Minimum Starting Temperature: 0° F, -18° C with no remote mounting: -20° F, -29° C for ES & 28W lamps: 60° F, 16° C
- Maximum Case Temperature: 167° F, 75° C
- Sound Rated: A
- Remote/Tandem Mounting: 20' max, with full wattage lamps 6' max, with energy saving lamps

Physical Parameters:

Length:	9.50"
Width:	1.70"
Height:	1.18"
Weight:	1.7 lbs.
Lead Lengths (±1"):	010C, 000T, 200C, 000L
	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 operation, cap unused red/white leads, insulate to 600 volts

Manufactured in North America

Ballast Must be Grounded