

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (4/3) F32T8, (4/3) F32T8ES-30W, (4/3) F28T8, (3) F40T8, (4/3) F32T8ES-25W, (4) F25T8 and (4) F17T8. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Parallel Lamp Operation
- *60 Hz data
- Programmed 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	4	120	109	0.91	> .90	.87	0.80	< 10%	< 1.7
F32T8, F31T8/U	4	277	107	0.39	> .90	.87	0.82	< 10%	< 1.7
F32T8, F31T8/U	3	120	90	0.75	> .90	.95	1.06	< 10%	< 1.7
F32T8, F31T8/U	3	277	87	0.32	> .90	.95	1.09	< 10%	< 1.7
F32T8ES (30W)	4	120	103	0.86	> .90	.87	0.84	< 10%	< 1.7
F32T8ES (30W)	4	277	101	0.37	> .90	.87	0.86	< 10%	< 1.7
F32T8ES (30W)	3	120	89	0.74	> .90	.95	1.07	< 10%	< 1.7
F32T8ES (30W)	3	277	84	0.31	> .90	.95	1.13	< 10%	< 1.7
F32T8ES (25W)	4	120	85	0.71	> .90	.87	1.02	< 10%	< 1.7
F32T8ES (25W)	4	277	84	0.31	> .90	.87	1.03	< 10%	< 1.7
F32T8ES (25W)	3	120	71	0.59	> .90	.95	1.35	< 10%	< 1.7
F32T8ES (25W)	3	277	70	0.26	> .90	.95	1.35	< 10%	< 1.7
F28T8	4	120	92	0.77	> .90	.87	0.94	< 10%	< 1.7
F28T8	4	277	90	0.33	> .90	.87	0.97	< 10%	< 1.7
F28T8	3	120	77	0.64	> .90	.95	1.24	< 10%	< 1.7
F28T8	3	277	76	0.28	> .90	.95	1.25	< 10%	< 1.7
F40T8	3	120	111	0.93	> .90	.93	0.84	< 10%	< 1.7
F40T8	3	277	109	0.40	> .90	.93	0.85	< 10%	< 1.7
F25T8	4	120	87	0.73	> .90	.88	1.01	< 10%	< 1.7
F25T8	4	277	84	0.31	> .90	.88	1.04	< 10%	< 1.7
F24T8/U	4	120	79	0.66	> .90	.88	1.11	< 10%	< 1.7
F24T8/U	4	277	78	0.29	> .90	.88	1.13	< 10%	< 1.7
F17T8	4	120	59	0.49	> .90	.89	1.52	< 10%	< 1.7
F17T8	4	277	58	0.22	> .90	.89	1.54	< 10%	< 1.7
F16T8/U	4	120	53	0.44	> .90	.89	1.69	< 10%	< 1.7
F16T8/U	4	277	52	0.20	> .90	.89	1.72	< 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:

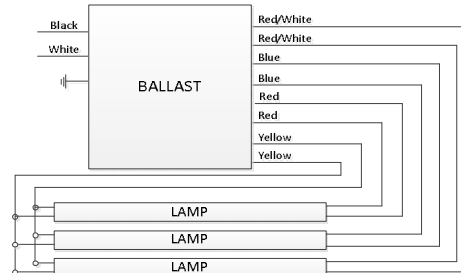
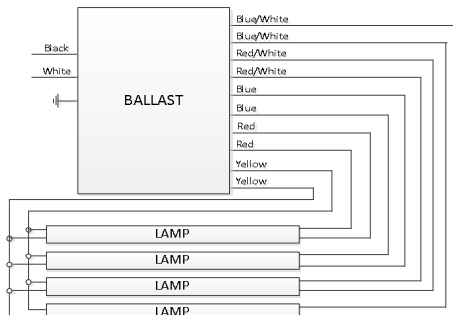
- Minimum Starting Temperature: 0° F, -18° C with no remote mounting -20° F, -29° C For ES & 28W Lamps: 60° F, 16° C
- Maximum Case Temperature: 167° F, 75° C
- Sound Rated: A
- Remote/Tandem Mounting: 20' max, with full wattage lamps 6' max, with energy saving lamps

Physical Parameters:

- Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.7 lbs.
- Lead Lengths (±1"): 010C, 200C 000I
- White, Black 25" 12"
- Red, Blue 33" 12"
- Red/Wht, Blu/Wht 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 three lamp operation, individually cap unused blue/white leads, insulate to 600 Volts

Manufactured in North America

Ballast Must be Grounded