

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (2/1) F32T8, (2/1) F32T8ES-30W, (2/1) F28T8, (2/1) F32T8ES-25W, (2/1) F25T8 and (2/1) 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	2	120	77	0.65	>.99	1.17	1.52	< 10%	< 1.7
F32T8	2	277	76	0.28	>.99	1.17	1.54	< 10%	< 1.7
F32T8	1	120	47	0.40	>.99	1.34	2.86	< 10%	< 1.7
F32T8	1	277	47	0.18	>.99	1.34	2.86	< 10%	< 1.7
F32T8ES (30W)	2	120	75	0.61	>.99	1.26	1.68	< 10%	< 1.7
F32T8ES (30W)	2	277	74	0.26	>.99	1.26	1.70	< 10%	< 1.7
F32T8ES (30W)	1	120	47	0.38	>.98	1.34	2.85	< 10%	< 1.7
F32T8ES (30W)	1	277	47	0.17	>.98	1.34	2.85	< 10%	< 1.7
F28T8	2	120	64	0.56	>.99	1.18	1.85	< 10%	< 1.7
F28T8	2	277	63	0.24	>.99	1.18	1.86	< 10%	< 1.7
F28T8	1	120	39	0.35	>.97	1.35	3.47	< 10%	< 1.7
F28T8	1	277	39	0.15	>.97	1.35	3.44	< 10%	< 1.7
F32T8ES (25W)	2	120	59	0.51	>.98	1.18	2.01	< 10%	< 1.7
F32T8ES (25W)	2	277	58	0.22	>.98	1.18	2.02	< 10%	< 1.7
F32T8ES (25W)	1	120	36	0.33	>.98	1.36	3.81	< 10%	< 1.7
F32T8ES (25W)	1	277	36	0.14	>.98	1.35	3.72	< 10%	< 1.7
F25T8	2	120	60	0.50	>.99	1.18	1.98	< 10%	< 1.7
F25T8	2	277	59	0.22	>.98	1.18	1.99	< 10%	< 1.7
F25T8	1	120	37	0.31	>.99	1.36	3.70	< 10%	< 1.7
F25T8	1	277	37	0.14	>.97	1.36	3.67	< 10%	< 1.7
F17T8	2	120	41	0.35	>.99	1.20	2.95	< 10%	< 1.7
F17T8	2	277	41	0.16	>.97	1.20	2.93	< 10%	< 1.7
F17T8	1	120	26	0.23	>.99	1.38	5.29	< 10%	< 1.7
F17T8	1	277	27	0.11	>.94	1.38	5.17	< 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
- RemoteTandem Mounting: 20' max, full wattage lamps
6' max, energy savings lamps

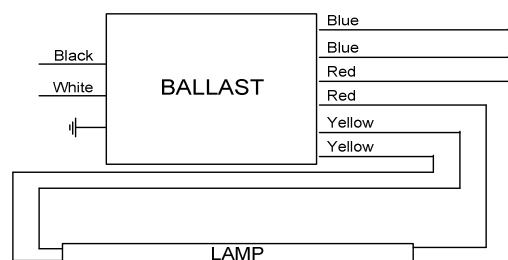
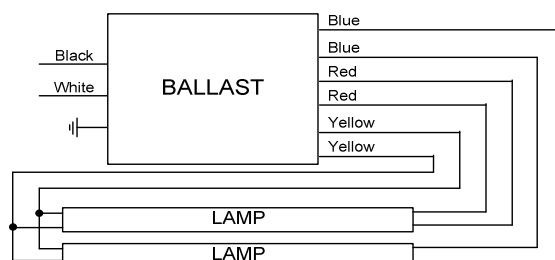
Physical Parameters:

Length:	9.5"
Width:	1.7"
Height:	1.18"
Weight:	1.3 lbs.
Lead Lengths (±1"):	010C, 000L, 000T
White, Black	25"
Red, Blue	33"
Yellow	47"

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.



Cap unused blue leads, insulate to 600 Volts



Ballast Must be Grounded
Manufactured in North America