

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (2/1) F32T8, (2/1) F32T8ES-30W, (2/1) F28T8, (1) F40T8, (2/1) F32T8ES-25W, (2) F25T8 and (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, F31T8/U	2	120	55	0.46	> .90	.88	1.59	< 10%	< 1.7
F32T8, F31T8/U	2	277	54	0.20	> .90	.88	1.64	< 10%	< 1.7
F32T8, F31T8/U	1	120	35	0.29	> .90	1.01	2.90	< 10%	< 1.7
F32T8, F31T8/U	1	277	34	0.13	> .90	1.01	2.98	< 10%	< 1.7
F32T8ES (30W)	2	120	50	0.42	> .90	.88	1.75	< 10%	< 1.7
F32T8ES (30W)	2	277	48	0.18	> .90	.88	1.82	< 10%	< 1.7
F32T8ES (30W)	1	120	32	0.27	> .90	1.01	3.12	< 10%	< 1.7
F32T8ES (30W)	1	277	30	0.12	> .90	1.01	3.34	< 10%	< 1.7
F32T8ES (25W)	2	120	43	0.36	> .90	.88	2.04	< 10%	< 1.7
F32T8ES (25W)	2	277	41	0.16	> .90	.88	2.14	< 10%	< 1.7
F32T8ES (25W)	1	120	28	0.23	> .90	1.05	3.80	< 10%	< 1.7
F32T8ES (25W)	1	277	27	0.12	> .90	1.05	3.88	< 10%	< 1.7
F28T8	2	120	46	0.39	> .90	.88	1.90	< 10%	< 1.7
F28T8	2	277	45	0.17	> .90	.88	1.95	< 10%	< 1.7
F28T8	1	120	30	0.25	> .90	1.01	3.41	< 10%	< 1.7
F28T8	1	277	29	0.12	> .90	1.01	3.45	< 10%	< 1.7
F40T8	1	120	41	0.34	> .90	.99	2.43	< 10%	< 1.7
F40T8	1	277	40	0.15	> .90	.99	2.48	< 10%	< 1.7
F25T8	2	120	42	0.35	> .90	.90	2.14	< 10%	< 1.7
F25T8	2	277	41	0.16	> .90	.90	2.18	< 10%	< 1.7
F24T8/U	2	120	40	0.34	> .90	.90	2.24	< 10%	< 1.7
F24T8/U	2	277	39	0.15	> .90	.90	2.28	< 10%	< 1.7
F17T8	2	120	30	0.25	> .90	.90	3.00	< 10%	< 1.7
F17T8	2	277	30	0.12	> .90	.90	3.00	< 10%	< 1.7
F16T8/U	2	120	28	0.23	> .90	.90	3.26	< 10%	< 1.7
F16T8/U	2	277	27	0.12	> .90	.90	3.32	< 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, full wattage lamps  
6' max, energy saving lamps

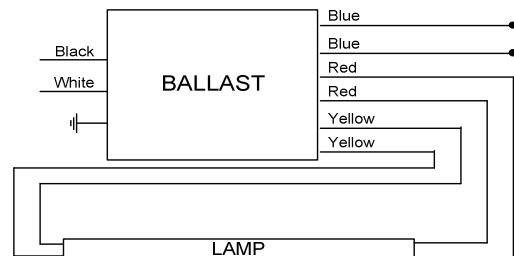
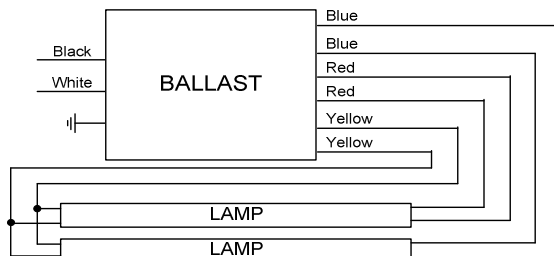
**Physical Parameters:**

- Length: 9.50"
- Width: 1.50"
- Height: 1.00"
- Weight: 1.1 lbs.
- Lead Lengths (±1"): 

010C	000I
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.



Cap unused blue leads, insulate to 600 Volts

**Ballast Must be Grounded**

**Manufactured in North America**