

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballasts for the following lamps: (4 or 3) F32T8, (4 or 3) F32T8ES, (4 or 3) F28T8, (4) F25T8, (4) F17T8, (4) F25T12, and equivalent U-bend lamps.

- Line Voltage: 347vac, ±10%, 60Hz
- Instant Start
- Parallel Lamp Operation
- Active Power Factor Correction

Lamps		Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	#							
<b>F32T8</b>	<b>4</b>	<b>114</b>	<b>0.33</b>	<b>&gt; .99</b>	<b>.88</b>	<b>0.77</b>	<b>&lt; 10%</b>	<b>&lt; 1.7</b>
F32T8	3	92	0.28	> .98	.99	1.08	< 10%	< 1.7
F32T8ES	4	106	0.31	> .99	.88	0.83	< 10%	< 1.7
F32T8ES	3	88	0.26	> .98	.99	1.13	< 10%	< 1.7
F28T8	4	95	0.28	> .98	.88	0.93	< 10%	< 1.7
F28T8	3	78	0.23	> .98	.99	1.27	< 10%	< 1.7
F25T8	4	90	0.26	> .98	.90	1.00	< 10%	< 1.7
F17T8	4	62	0.19	> .98	.92	1.48	< 10%	< 1.7
F25T12	4	90	0.26	> .95	.79	0.88	< 10%	< 1.7

Application and performance specification information subject to change without notification.

**Performance:**

- Meets ANSI Standard C82.11-1993
- Meets ANSI Standard C62.41-1991
- Meets CSA Standard 108.6 M91 (CISPR 15) for EMI and RFI

**Safety:**

- No PCB's
- CSA Certified
- Class P, Type 1 Outdoor

**Application:**

- Minimum Starting Temperature: 0° F, -18° C  
For ES & 28W Lamps: 60° F, 16° C
- Maximum Case Temperature: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 18 ft. max. lead length, 18 AWG

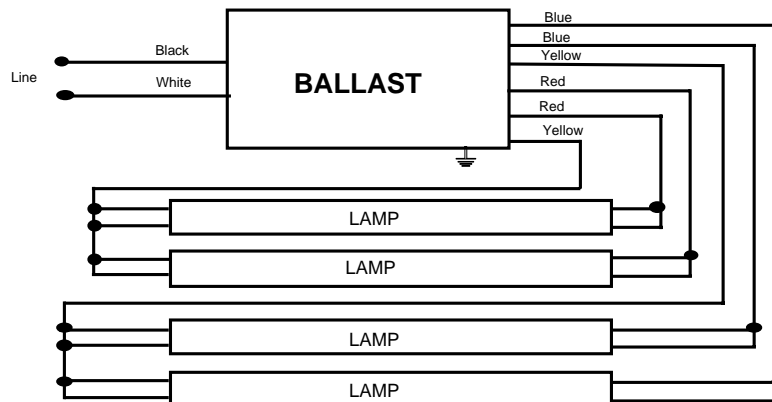
**Physical Parameters**

- Length: 9.50"
- Width: 2.40"
- Height: 1.55"
- Weight: 2.30 lbs.
- Lead Length:
- White, Black 25" (± 1")
- Red 31" (± 1")
- Blue 31" (± 1")
- Yellow 39" (± 1")

**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.

**Manufactured in North America**



Note: For three lamp operation, cap any blue lead, insulate to 600 volts

**Ballast must be grounded in accordance with national and local electrical codes.**