

# B232IUNV104-A

## APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (2) F32T8, (2) F32T8ES, (2) F32T8ES-25W, (2) F28T8, (2) F25T8, and (2) F17T8 lamps. Also equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Parallel Lamp Operation
- Instant 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	65	0.54	>.99	1.04	1.57	< 10%	< 1.7
F32T8	2	277	64	0.24	>.95	1.04	1.59	< 10%	< 1.7
F32T8ES	2	120	60	0.50	>.99	1.04	1.72	< 10%	< 1.7
F32T8ES	2	277	59	0.22	>.94	1.04	1.75	< 10%	< 1.7
F32T8ES (25W)	2	120	52	0.43	>.99	1.04	1.92	< 10%	< 1.7
F32T8ES (25W)	2	277	55	0.21	>.94	1.04	1.82	< 10%	< 1.7
F28T8	2	120	56	0.47	>.99	1.04	1.79	< 10%	<1.7
F28T8	2	277	55	0.21	>.94	1.04	1.82	< 10%	<1.7
F25T8	2	120	51	0.43	>.99	1.04	1.94	< 10%	< 1.7
F25T8	2	277	50	0.20	>.93	1.04	1.98	< 10%	< 1.7
F17T8	2	120	36	0.30	>.99	1.04	2.78	< 10%	< 1.7
F17T8	2	277	36	0.15	>.88	1.04	2.78	< 10%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

\* Consult lamp manufacturer for operation with Ballast Factor > 1.2

### Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 (Class A) for EMI and RF Non-Consumer Limits

### Safety:

- No PCB's
- UL listed (Class P, Type 1 Outdoor, Type HL)

### 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: 20 ft. max. lead length, 18 AWG
- No remote mounting ES lamps

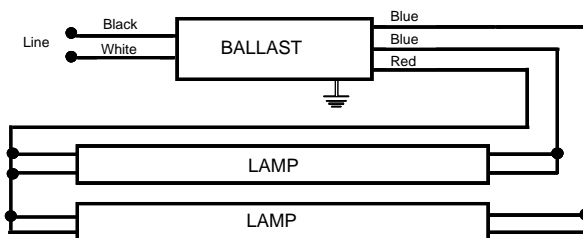
### Physical Parameters

- Length: 9.50"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.70 lbs
- Lead Length: Black, White 25" (+/-1")
- Red 48" (+/-1")
- Blue 31" (+/-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-BALLAST x800** for technical assistance.

### Manufactured in North America



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

