

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** Electronic ballast(s) for (1/2) **F24T5HO** and (1) F39T5HO, (1/2) FT24W/2G11, (1/2) CFM24W/2G10 (1) FT36W/2G11, (1) CFM36W/2G10 Lamps

- Line Voltage: 120 - 277 vac, ±10%, 50/60Hz
- Series Lamp Operation
- Auto Reset after Lamp Replacement
- Programmed Rapid Start
- Active Power Factor Correction
- End of Lamp Life Shutdown Circuitry

Model	Line Volts	No. of Lamps	Lamp Type	Input Watts	Nominal Line Amps	Ballast Factor	Power Factor	Harmonic Total	Crest Factor
<b>B224PUNV-C</b>	120	2	<b>F24T5HO</b>	53	0.45	1.00	> 0.98	< 10%	< 1.7
	120	1	<b>F24T5HO</b>	28	0.23	1.06	> 0.98	< 10%	< 1.7
	277	2	<b>F24T5HO</b>	52	0.19	1.00	> 0.98	< 10%	< 1.7
	277	1	<b>F24T5HO</b>	28	0.10	1.06	> 0.95	< 10%	< 1.7
	120	1	F39T5HO	41	0.34	0.95	> 0.98	< 10%	< 1.7
	277	1	F39T5HO	40	0.15	0.95	> 0.98	< 10%	< 1.7
	120	2	FT24W/2G11	52	0.43	1.00	> 0.98	< 10%	< 1.7
	120	1	FT24W/2G11	27	0.23	1.05	> 0.98	< 10%	< 1.7
	277	2	FT24W/2G11	51	0.18	1.00	> 0.98	< 10%	< 1.7
	277	1	FT24W/2G11	27	0.10	1.05	> 0.95	< 15%	< 1.7
	120	2	CFM24W/2G10	48	0.40	1.00	> 0.98	< 10%	< 1.7
	120	1	CFM24W/2G10	24	0.20	1.05	> 0.98	< 10%	< 1.7
	277	2	CFM24W/2G10	47	0.17	1.00	> 0.98	< 10%	< 1.7
	277	1	CFM24W/2G10	24	0.09	1.05	> 0.95	< 15%	< 1.7
	120	1	FT36W/2G11	36	0.30	0.95	> 0.98	< 10%	< 1.7
	277	1	FT36W/2G11	36	0.13	0.95	> 0.95	< 10%	< 1.7
	120	1	CFM36W/2G10	34	0.28	0.95	> 0.98	< 10%	< 1.7
	277	1	CFM36W/2G10	34	0.12	0.95	> 0.95	< 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 FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits

- Safety:**
- No PCB's
  - UL listed (Class P, Type 1 Outdoor)
  - CSA Certified

- Application:**
- Minimum Starting Temperature: 0 °F, -18 °C
  - Maximum Ambient Temperature: 104 °F, 40°C
  - Maximum Case Temperature(tc): 167 °F, 75 °C
  - Sound Rating: Class A
  - Remote Mounting: 18 ft.
  - Wire Trap, Plug-in Connectors are Standard
  - Leadwire Option Available

- Physical Parameters**
- |                                       | Inches                | Metric   |
|---------------------------------------|-----------------------|----------|
| • Mounting Length: (Center to Center) | 13.75" +/- 0.01"      | 349.3 mm |
| • Overall Length:                     | 14.25" +/- 0.01"      | 362 mm   |
| • Width:                              | 1.18" + 0.03"/- 0.02" | 30 mm    |
| • Height:                             | 1.00" + 0.04"/- 0.01" | 25.4 mm  |
| • Weight:                             | 1 lbs.                | 0.4 kg   |
| • Carton Quantity:                    | 10 pieces             |          |

**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

