

## B254PUNVHB-D

### APPLICATION and PERFORMANCE SPECIFICATION

**Description:** Electronic ballast for (2/1) F54T5HO, F49T5HOES (2/1) (2/1)FT50W/2G11, (2/1)FT55W/2G11, (2/1)FC12T5-55W and (2/1)FT36W/2G11 fluorescent lamps

- Line Voltage: 120 - 277 vac, ±10%, 50/60Hz
- Auto Reset End of Lamp Life Shutdown Circuitry
- Series 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	#								
F54T5HO	2	120	116	0.96	>.99	1.00	0.86	<10%	<1.7
F54T5HO	2	277	113	0.41	>.98	1.00	0.88	<10%	<1.7
F54T5HO	1	120	59	0.49	>.99	1.00	1.69	<10%	<1.7
F54T5HO	1	277	59	0.22	>.96	1.00	1.69	<10%	<1.7
F54T5HO/ES (49W)	2	120	105	0.87	>.99	1.00	0.95	<10%	<1.7
F54T5HO/ES (49W)	2	277	102	0.37	>.98	1.00	0.98	<10%	<1.7
F54T5HO/ES (49W)	1	120	54	0.44	>.99	1.00	1.85	<10%	<1.7
F54T5HO/ES (49W)	1	277	53	0.20	>.96	1.00	1.89	<10%	<1.7
FT55W/2G11	2	120	112	0.93	>.99	1.00	0.89	<10%	<1.7
FT55W/2G11	2	277	109	0.39	>.98	1.00	0.92	<10%	<1.7
FT55W/2G11	1	120	56	0.47	>.99	1.00	1.79	<10%	<1.7
FT55W/2G11	1	277	56	0.21	>.96	1.00	1.79	<10%	<1.7
FT50W/2G11	2	120	111	0.93	>.99	1.00	0.90	<10%	<1.7
FT50W/2G11	2	277	108	0.40	>.98	1.00	0.93	<10%	<1.7
FT50W/2G11	1	120	57	0.47	>.99	1.00	1.75	<10%	<1.7
FT50W/2G11	1	277	57	0.21	>.96	1.00	1.75	<10%	<1.7
FC12T5-55W	2	120	107	0.88	>.99	1.00	0.93	<10%	<1.7
FC12T5-55W	2	277	104	0.38	>.98	1.00	0.96	<10%	<1.7
FC12T5-55W	1	120	55	0.45	>.99	1.00	1.82	<10%	<1.7
FC12T5-55W	1	277	55	0.20	>.96	1.00	1.82	<10%	<1.7
FT36W/2G11	2	120	89	0.70	>.99	1.10	1.24	<10%	<1.7
FT36W/2G11	2	277	83	0.30	>.97	1.10	1.33	<10%	<1.7
*FT36W/2G11	1	120	44	0.37	>.99	1.20	2.73	<10%	<1.7
*FT36W/2G11	1	277	44	0.17	>.94	1.20	2.73	<10%	<1.7

Application and Performance Specification Information Subject to Change without Notification.

\*Consult lamp manufacturers for applications with Ballast Factor > 1.20.

**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 with no remote mounting: -20° F, -29° C
- Maximum Case Temperature: 194° F, 90° C
- Sound Rated: A
- Remote Mounting: Up to 20 ft.
- Consult factory for Tandem Wiring

**Physical Parameters**

- |                                       | Inches                | Metric   |
|---------------------------------------|-----------------------|----------|
| • Mounting Length: (Center to Center) | 16.28" +/- 0.010"     | 413.5 mm |
| • Overall Length:                     | 16.88" +/- 0.010"     | 428.8 mm |
| • Width:                              | 1.245" +0.01"/- 0.02" | 31.6 mm  |
| • Height:                             | 1.00" +0.04"/- 0.01"  | 25.4 mm  |
| • Weight:                             | 1.25 lbs              | 1.0 kg   |
| • Carton Quantity:                    | 10 pieces             |          |

**Warranty:**

Universal Lighting Technologies warrants the purchaser that the ballast will be free from defects in material or workmanship for a period of 5 years when used with a maximum case temperature of 75C or 3 years when used with a maximum case temperature of 90C from date of manufacture when properly installed and under normal conditions of use. Call 1-800-BALLASTx800 for technical assistance.

**Manufactured in North America**

