

B254PUNV-D

APPLICATION and PERFORMANCE SPECIFICATION

Description: Electronic ballast for (2/1) F54T5HO, (2/1) F49T5HOES-51W, (2/1) F49T5HOES-49W, (2/1) F49T5HOES-47W, (2/1) FT58T8, (2/1) FT55W, (2/1) FT50W, (2/1) FC12T5-55W and (2/1) FT36W fluorescent lamps

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

*60 Hz data									
Lamp Type	#	Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
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 (47W)	2	120	102	0.85	>.99	1.00	0.98	<10%	<1.7
F54T5HO/ES (47W)	2	277	99	0.36	>.98	1.00	1.01	<10%	<1.7
F54T5HO/ES (47W)	1	120	54	0.45	>.99	1.00	1.85	<10%	<1.7
F54T5HO/ES (47W)	1	277	53	0.20	>.95	1.00	1.89	<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
F54T5HO/ES (51W)	2	120	107	0.89	>.99	1.00	0.93	<10%	<1.7
F54T5HO/ES (51W)	2	277	103	0.37	>.98	1.00	0.97	<10%	<1.7
F54T5HO/ES (51W)	1	120	55	0.46	>.99	1.00	1.82	<10%	<1.7
F54T5HO/ES (51W)	1	277	55	0.20	>.96	1.00	1.82	<10%	<1.7
F58T8	2	120	110	0.93	>.99	0.90	0.82	<10%	<1.7
F58T8	2	277	107	0.39	>.98	0.90	0.84	<10%	<1.7
F58T8	1	120	56	0.48	>.99	0.90	1.61	<10%	<1.7
F58T8	1	277	56	0.21	>.96	0.90	1.61	<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
- cUL_{US} listed (Class P, Type 1 Outdoor)

Application:

- Minimum Starting Temperature: 0° F, -18° C
- Maximum Case Temperature: -20° F, -29° C
- Sound Rated: 167° F, 75° C
- Remote Mounting: A
- Consult factory for Tandem Wiring
- Also operates on 125VDC input, (+)L (-)N

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" +0.017/- 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 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.

