

B232PU104S50A

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency, Ballast step-dimming electronic ballast
 Primary application: 2xF32T8
 Secondary applications: 2xF25T8; 2xT8/U 32/31/24/16W

- Line Voltage: 108vac - 305vac, 50/60Hz
- Series Lamp Operation
- Programmed Rapid Start
- Active Power Factor Correction

*60 Hz data

Lamp		Volts	Power Level	Input Watts	Nominal Line Amps	Ballast Factor	Ballast Efficacy Factor	Power Factor	Harmonic Total	Crest Factor
Type	#									
F32T8	2	120	100%	65	0.563	1.04	1.60	> 95	< 10%	< 1.7
F32T8	2	120	50%	32.5	0.256	0.29	0.89	> 90	< 10%	< 1.7
F32T8	2	277	100%	65	0.245	1.04	1.60	> 95	< 10%	< 1.7
F32T8	2	277	50%	32.5	0.117	0.29	0.89	> 90	< 10%	< 1.7
F25T8	2	120	100%	49.2	0.412	1.03	2.09	> 90	< 10%	< 1.7
F25T8	2	120	50%	23.8	0.2	0.30	1.26	> 90	< 10%	< 1.7
F25T8	2	277	100%	48.5	0.186	1.03	2.12	> 90	< 10%	< 1.7
F25T8	2	277	50%	24.1	0.094	0.30	1.24	> 90	< 10%	< 1.7
F17T8	2	120	100%	33.6	0.282	1.05	3.13	> 90	< 10%	< 1.7
F17T8	2	120	50%	18.1	0.152	0.30	1.66	> 85	< 15%	< 1.7
F17T8	2	277	100%	33.6	0.135	1.05	3.13	> 90	< 10%	< 1.7
F17T8	2	277	50%	18.6	0.076	0.30	1.61	> 85	< 10%	< 1.7
T8/U 32W	2	120	100%	67	0.56	1.03	1.54	> 90	< 10%	< 1.7
T8/U 32W	2	120	50%	31.7	0.266	0.29	0.91	> 90	< 10%	< 1.7
T8/U 32W	2	277	100%	65.3	0.245	1.03	1.58	> 90	< 10%	< 1.7
T8/U 32W	2	277	50%	31.8	0.121	0.29	0.91	> 90	< 10%	< 1.7
T8/U 31W	2	120	100%	63.4	0.53	1.03	1.62	> 90	< 10%	< 1.7
T8/U 31W	2	120	50%	28.9	0.242	0.30	1.04	> 90	< 15%	< 1.7
T8/U 31W	2	277	100%	61.9	0.233	1.03	1.66	> 90	< 10%	< 1.7
T8/U 31W	2	277	50%	29.2	0.111	0.29	0.99	> 90	< 10%	< 1.7
T8/U 24W	2	120	100%	47.7	0.399	1.04	2.18	> 90	< 10%	< 1.7
T8/U 24W	2	120	50%	23.1	0.194	0.30	1.30	> 90	< 10%	< 1.7
T8/U 24W	2	277	100%	47.1	0.181	1.03	2.19	> 90	< 10%	< 1.7
T8/U 24W	2	277	50%	23.5	0.092	0.30	1.28	> 90	< 10%	< 1.7
T8/U 16W	2	120	100%	30.3	0.255	1.05	3.47	> 90	< 10%	< 1.7
T8/U 16W	2	120	50%	16.8	0.142	0.30	1.79	< 90	< 10%	< 1.7
T8/U 16W	2	277	100%	30.4	0.125	1.04	3.42	> 90	< 10%	< 1.7
T8/U 16W	2	277	50%	17.4	0.072	0.30	1.72	< 90	< 10%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- End of lamp life protection w/ auto-restart
- Dimming range: Step dimming to 50% input power

Safety:

- Contains no PCB's
- UL Class P, Type 1 Outdoor, Type HL
- Type CC

Application:

- Minimum Starting Temperature: 32° F, 0° C
Note: Check lamp requirements for dimming below 50°F
- Maximum Ambient Temperature: 104° F, 40° C
- Maximum Case Temperature [at t_{aj}]: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 8 ft. max. lead length, 18 AWG
- Tandem Wiring: Not Recommended
- Season new lamps by operating at full intensity for at least 100 hours before dimming

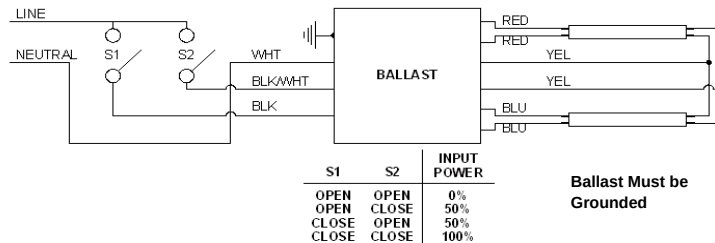
Physical Parameters

- Length: 9.50"
- Mounting: 8.89"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.70 lbs
- Lead Length: Blk, Wht, Blk/Wht 25" (+/-1")
Red, Blue 33" (+/-1")
Yellow 47" (+/-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



S1 & S2 must be wired on same phase.

