

7/21/2014

3 Lamp Standard Ballast Factor High Efficiency Multi-volt High Efficiency

Project:	
Catalog#:	
Approved by:	

F32T8 Instant Start Parallel Lamp Operation

Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F32T8*	3	32	120	0.88	84	0.71	0.98	<10%	1.05
	3	32	277	0.88	83	0.31	0.98	<10%	1.06
	2	32	120	0.99	63	0.53	0.98	<10%	1.57
	2	32	277	0.99	63	0.24	0.97	<15%	1.57
F32T8/ES/30	3	30	120	0.88	79	0.65	0.98	<10%	1.11
	3	30	277	0.88	77	0.28	0.98	<15%	1.14
	2	30	120	0.99	59	0.48	0.98	<10%	1.67
	2	30	277	0.99	58	0.21	0.97	<15%	1.70
F32T8/ES/28	3	28	120	0.88	72	0.60	0.98	<10%	1.22
	3	28	277	0.88	70	0.26	0.98	<15%	1.25
	2	28	120	0.99	54	0.45	0.98	<10%	1.83
	2	28	277	0.99	53	0.20	0.97	<15%	1.86
F32T8/ES/25	3	25	120	0.90	68	0.56	0.98	<10%	1.32
	3	25	277	0.90	68	0.25	0.97	<15%	1.32
	2	25	120	1.00	51	0.43	0.98	<10%	1.95
	2	25	277	1.00	51	0.19	0.97	<15%	1.95
F25T8	3	25	120	0.90	68	0.56	0.98	<10%	1.32
	3	25	277	0.90	66	0.24	0.97	<15%	1.38
	2	25	120	1.00	50	0.42	0.98	<10%	1.96
	2	25	277	1.00	50	0.18	0.96	<15%	1.96
F17T8	3	17	120	0.92	45	0.38	0.98	<10%	2.04
	3	17	277	0.92	45	0.17	0.96	<15%	2.04
F40T8	2	40	120	0.95	78	0.65	0.98	<10%	1.22
	2	40	277	0.95	77	0.29	0.97	<15%	1.23
FB32T8	3	32	120	0.88	84	0.71	0.98	<10%	1.05
	3	32	277	0.88	83	0.31	0.98	<10%	1.06
	2	32	120	0.99	63	0.53	0.98	<10%	1.57
	2	32	277	0.99	63	0.24	0.97	<15%	1.57
FB31T8	3	31	120	0.88	80	0.67	0.98	<10%	1.10
	3	31	277	0.88	79	0.29	0.98	<10%	1.11
	2	31	120	0.99	61	0.51	0.98	<10%	1.62
	2	31	277	0.99	60	0.22	0.97	<15%	1.65
FB28T8	3	28	120	0.88	72	0.60	0.98	<10%	1.22
	3	28	277	0.88	70	0.26	0.98	<15%	1.25
	2	28	120	0.99	54	0.45	0.98	<10%	1.83
	2	28	277	0.99	53	0.20	0.97	<15%	1.86

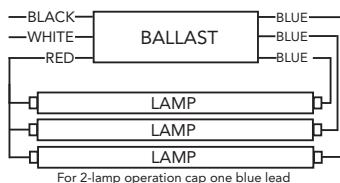
* Primary Lamp Design

Ballast Specifications

- Ballast shall have a five-year warranty
- Ballast shall be UL Listed and CEE Listed
- Ballast shall be sound rated Class A
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18 Class A
- Ballast shall have a lamp operating frequency greater than 40kHz
- Ballast shall have a 0°F minimum lamp starting temperature for primary lamp
- Ballast shall be Instant Start
- Ballast shall be Parallel Lamp Operation
- Ballast shall have minimum Power Factor of 98% for primary Lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 60 Hz
- Ballast shall have a maximum case hot spot temperature of 70 Celsius

• Specifications are subject to change without notice.

Wiring Diagram



Dimensions

L: 9.5"

W: 1.3"

H: 1.09"

M: 9.0"

Wiring diagram is for lamp connection purposes only. Lead wires may exit the ballast differently than depicted in the diagram.

