

7/21/2014

2 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*	2	32	120	0.89	55	0.46	0.98	<10%	1.59
	2	32	277	0.89	54	0.20	0.97	<10%	1.60
	1	32	120	1.08	35	0.29	0.98	<10%	3.10
	1	32	277	1.08	34	0.13	0.97	<15%	3.15
F32T8/ES/30	2	30	120	0.89	51	0.44	0.98	<10%	1.74
	2	30	277	0.89	51	0.19	0.97	<15%	1.70
	1	30	120	1.08	31	0.27	0.98	<10%	3.40
	1	30	277	1.08	30	0.12	0.97	<15%	3.60
F32T8/ES/28	2	28	120	0.89	49	0.41	0.98	<10%	1.82
	2	28	277	0.89	47	0.18	0.97	<15%	1.89
	1	28	120	1.08	30	0.25	0.98	<10%	3.60
	1	28	277	1.08	29	0.11	0.97	<15%	3.67
F32T8/ES/25	2	25	120	0.89	46	0.39	0.98	<10%	1.92
	2	25	277	0.89	45	0.17	0.97	<15%	1.95
	1	25	120	1.08	29	0.24	0.98	<10%	3.67
	1	25	277	1.08	29	0.11	0.97	<15%	3.67
F25T8	2	25	120	0.89	42	0.36	0.98	<10%	2.10
	2	25	277	0.89	41	0.16	0.97	<15%	2.14
	1	25	120	1.08	26	0.23	0.98	<10%	4.01
	1	25	277	1.08	26	0.10	0.96	<15%	4.01
F17T8	2	17	120	0.91	28	0.25	0.98	<10%	3.20
	2	17	277	0.91	28	0.11	0.96	<15%	3.20
	1	17	120	1.10	21	0.16	0.95	<10%	5.20
	1	17	277	1.10	21	0.09	0.95	<15%	5.20
F40T8	1	40	120	1.00	44	0.35	0.98	<10%	2.20
	1	40	277	1.00	43	0.16	0.97	<15%	2.30
FB32T8	2	32	120	0.89	55	0.46	0.98	<10%	1.59
	2	32	277	0.89	54	0.20	0.97	<15%	1.60
	1	32	120	1.08	35	0.29	0.98	<10%	3.10
	1	32	277	1.08	34	0.13	0.97	<15%	3.15
FB31T8	2	31	120	0.88	52	0.44	0.98	<10%	1.70
	2	31	277	0.88	51	0.19	0.97	<10%	1.70
	1	31	120	1.08	32	0.28	0.98	<10%	3.34
	1	31	277	1.08	31	0.13	0.97	<15%	3.40
FB28T8	2	28	120	0.89	49	0.41	0.98	<10%	1.80
	2	28	277	0.89	47	0.18	0.97	<10%	1.85
	1	28	120	1.08	30	0.25	0.98	<10%	3.60
	1	28	277	1.08	29	0.11	0.97	<15%	3.67

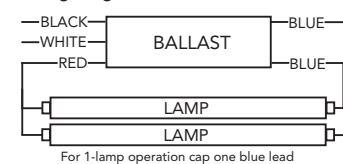
* Primary Lamp Design

Ballast Specifications

- Ballast shall have a five-year warranty
- Ballast shall be UL certified
- 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: 1.0"
M: 9.0"

Side Ballast View



Bottom Ballast View

