

12/28/2011

**2 Lamp
Standard Ballast Factor
Multi-volt**

Project:	
Catalog#:	
Approved by:	

F32T8 Instant Start Parallel Lamp Operation

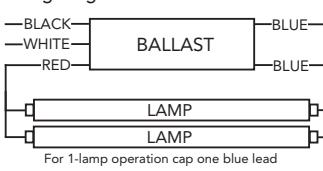
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F32T8*	2	32	120	0.89	59	0.50	0.98	<10%	1.51
	2	32	277	0.89	57	0.21	0.98	<10%	1.56
	1	32	120	1.07	39	0.32	0.98	<10%	2.74
	1	32	277	1.07	38	0.14	0.97	<10%	2.82
F32T8/ES/30	2	30	120	0.89	55	0.46	0.98	<15%	1.61
	2	30	277	0.89	54	0.20	0.98	<10%	1.64
	1	30	120	1.07	38	0.30	0.98	<10%	2.81
	1	30	277	1.07	37	0.13	0.97	<15%	2.87
F32T8/ES/28	2	28	120	0.89	49	0.41	0.98	<10%	1.81
	2	28	277	0.89	68	0.18	0.98	<10%	1.85
	1	28	120	1.07	31	0.26	0.98	<10%	3.45
	1	28	277	1.07	31	0.12	0.97	<15%	3.46
F32T8/ES/25	2	25	120	0.89	47	0.39	0.98	<10%	1.88
	2	25	277	0.89	46	0.17	0.98	<10%	1.89
	1	25	120	1.07	29	0.11	0.98	<10%	3.68
	1	25	277	1.07	28	0.39	0.97	<15%	3.69
F25T8	2	25	120	0.90	46	0.38	0.98	<10%	1.95
	2	25	277	0.90	46	0.17	0.98	<10%	1.95
	1	25	120	1.08	29	0.24	0.98	<10%	3.72
	1	25	277	1.08	28	0.11	0.96	<15%	3.72
F17T8	2	17	120	0.93	31	0.26	0.98	<10%	3.00
	2	17	277	0.93	31	0.12	0.98	<10%	3.00
	1	17	120	1.10	22	0.18	0.98	<10%	4.95
	1	17	277	1.10	21	0.08	0.95	<15%	5.18
F40T8	1	40	120	1.03	46	0.38	0.98	<10%	2.24
	1	40	277	1.03	45	0.16	0.97	<15%	2.28
FB32T8	2	32	120	0.89	59	0.50	0.98	<10%	1.51
	2	32	277	0.89	57	0.21	0.98	<10%	1.56
	1	32	120	1.07	39	0.32	0.98	<10%	2.74
	1	32	277	1.07	38	0.14	0.97	<15%	2.82
FB31T8	2	31	120	0.88	58	0.48	0.98	<10%	1.52
	2	31	277	0.88	56	0.20	0.98	<10%	1.57
	1	31	120	1.07	38	0.30	0.98	<10%	2.81
	1	31	277	1.07	37	0.13	0.97	<15%	2.87
FB28T8	2	28	120	0.89	49	0.41	0.98	<10%	1.82
	2	28	277	0.89	48	0.18	0.98	<10%	1.85
	1	28	120	1.07	31	0.26	0.98	<10%	3.45
	1	28	277	1.07	31	0.12	0.97	<15%	3.46

* 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"

