

7/21/2014

2 Lamp
 High 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	1.18	74	0.62	0.98	<10%	1.59
	2	32	277	1.18	73	0.27	0.98	<10%	1.61
	1	32	120	1.38	45	0.37	0.98	<10%	3.06
	1	32	277	1.38	45	0.17	0.97	<15%	3.06
F32T8/ES/30	2	30	120	1.18	69	0.58	0.98	<10%	1.71
	2	30	277	1.18	69	0.25	0.98	<15%	1.71
	1	30	120	1.38	44	0.36	0.98	<10%	3.13
	1	30	277	1.38	44	0.16	0.97	<15%	3.14
F32T8/ES/28	2	28	120	1.18	64	0.54	0.98	<10%	1.84
	2	28	277	1.18	63	0.24	0.98	<15%	1.87
	1	28	120	1.38	39	0.33	0.98	<10%	3.53
	1	28	277	1.38	39	0.15	0.97	<15%	3.64
F32T8/ES/25	2	25	120	1.18	63	0.53	0.98	<10%	1.87
	2	25	277	1.18	62	0.23	0.97	<15%	1.90
	1	25	120	1.38	38	0.32	0.98	<10%	3.63
	1	25	277	1.38	38	.015	0.97	<15%	3.63
F25T8	2	25	120	1.20	54	0.45	0.98	<10%	2.20
	2	25	277	1.20	54	0.20	0.97	<15%	2.22
	1	25	120	1.40	33	0.28	0.98	<10%	4.24
	1	25	277	1.40	33	0.13	0.96	<15%	4.24
F17T8	2	17	120	1.23	39	0.33	0.98	<10%	3.15
	2	17	277	1.23	39	0.15	0.96	<15%	3.15
	1	17	120	1.42	25	0.22	0.95	<10%	5.68
	1	17	277	1.42	25	0.11	0.95	<15%	5.69
F40T8	1	40	120	1.35	54	0.45	0.98	<10%	2.49
	1	40	277	1.35	54	0.20	0.97	<15%	2.50
FB32T8	2	32	120	1.18	74	0.62	0.98	<10%	1.59
	2	32	277	1.18	73	0.274	0.98	<10%	1.61
	1	32	120	1.38	45	0.37	0.98	<10%	3.06
	1	32	277	1.38	45	0.17	0.97	<15%	3.06
FB31T8	2	31	120	1.18	73	0.58	0.98	<10%	1.61
	2	31	277	1.18	71	0.25	0.98	<10%	1.66
	1	31	120	1.38	44	0.36	0.98	<10%	3.13
	1	31	277	1.38	44	0.16	0.97	<15%	3.14
FB28T8	2	28	120	1.18	65	0.54	0.98	<10%	1.81
	2	28	277	1.18	63	0.24	0.98	<15%	1.87
	1	28	120	1.38	39	0.33	0.98	<10%	3.54
	1	28	277	1.38	39	0.15	0.97	<15%	3.53

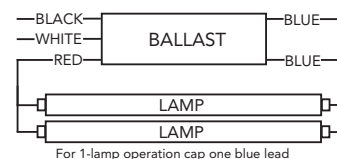
* Primary Lamp Design

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"

