

7/21/2014

4 Lamp  
High Ballast Factor High Efficiency  
Multi-volt  
High Efficiency

Project:	
Catalog#:	
Approved by:	

Electronic Fluorescent Ballast

**F32T8 Instant Start Parallel Lamp Operation**

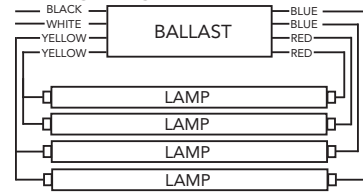
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F32T8*	4	32	120	1.16	145	1.24	0.98	<10%	0.80
	4	32	277	1.16	144	0.53	0.98	<10%	0.81
	3	32	120	1.24	120	1.01	0.98	<10%	1.03
	3	32	277	1.24	120	0.44	0.98	<10%	1.03
F32T8/ES/30	4	30	120	1.16	120	1.01	0.98	<10%	0.97
	4	30	277	1.16	120	0.44	0.98	<10%	0.97
	3	30	120	1.24	105	0.88	0.98	<10%	1.18
	3	30	277	1.24	101	0.37	0.98	<10%	1.23
F32T8/ES/28	4	28	120	1.16	116	0.98	0.98	<10%	1.00
	4	28	277	1.16	115	0.42	0.98	<10%	1.01
	3	28	120	1.24	95	0.80	0.98	<10%	1.31
	3	28	277	1.24	98	0.36	0.98	<10%	1.27
F32T8/ES/25	4	25	120	1.16	108	0.91	0.98	<10%	1.07
	4	25	277	1.16	109	0.40	0.98	<10%	1.06
	3	25	120	1.24	92	0.77	0.98	<10%	1.35
	3	25	277	1.24	93	0.34	0.98	<10%	1.33
F25T8	4	25	120	1.17	109	0.92	0.98	<10%	1.07
	4	25	277	1.17	109	0.40	0.98	<10%	1.07
	3	25	120	1.26	89	0.75	0.98	<10%	1.42
	3	25	277	1.26	87	0.32	0.97	<10%	1.45
F17T8	4	17	120	1.18	75	0.63	0.98	<10%	1.57
	4	17	277	1.18	79	0.29	0.97	<10%	1.49
	3	17	120	1.27	62	0.52	0.98	<10%	2.05
	3	17	277	1.27	66	0.24	0.95	<10%	1.92
F40T8	3	40	120	1.25	143	1.22	0.98	<10%	0.87
	3	40	277	1.25	139	0.51	0.98	<10%	0.90
FB32T8	4	32	120	1.16	145	1.24	0.98	<10%	0.80
	4	32	277	1.16	144	0.53	0.98	<10%	0.81
	3	32	120	1.24	120	1.01	0.98	<10%	1.03
	3	32	277	1.24	120	0.44	0.98	<10%	1.03
FB31T8	4	31	120	1.16	137	1.15	0.98	<10%	0.85
	4	31	277	1.16	134	0.49	0.98	<10%	0.87
	3	31	120	1.24	113	0.95	0.98	<10%	1.10
	3	31	277	1.24	109	0.40	0.98	<10%	1.14
FB28T8	4	28	120	1.16	124	1.05	0.98	<10%	0.94
	4	28	277	1.16	128	0.47	0.98	<10%	0.91
	3	28	120	1.24	103	0.87	0.98	<10%	1.20
	3	28	277	1.24	104	0.38	0.98	<10%	1.19

\* Primary Lamp Design

Ballast Specifications

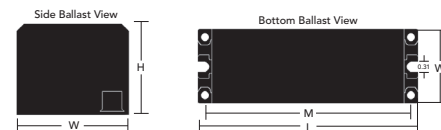
- Ballast shall have a five-year warranty
- Ballast shall be UL & cUL
- Ballast shall be sound rated Class A
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall withstand line transients as specified in ANSI C62.41-2002 & C82.11-2002
- Ballast 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/18°C 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 167°F/75°C

Wiring Diagram



Dimensions

L: 9.5"  
W: 1.7"  
H: 1.2"  
M: 8.9"



• Specifications are subject to change without notice.

