

12/28/2011

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

Project:	
Catalog#:	
Approved by:	

**Compact Fluorescent Program Start Series Lamp Operation**

Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
CF26DE*	2	26	120	1.00	51	0.43	0.99	<10%	1.96
	2	26	277	1.00	51	0.19	0.99	<10%	1.96
	1	26	120	1.00	27	0.23	0.98	<10%	3.70
	1	26	277	1.00	27	0.10	0.98	<10%	3.70
CF26TE	2	26	120	1.00	54	0.24	0.99	<10%	1.85
	2	26	277	1.00	54	0.11	0.99	<10%	1.85
	1	26	120	1.10	29	0.45	0.98	<10%	3.79
	1	26	277	1.10	29	0.20	0.98	<10%	3.79
CF32TE	1	32	120	0.98	36	0.31	0.98	<10%	2.72
	1	32	277	0.98	36	0.13	0.98	<10%	2.72
CF42TE	1	42	120	0.98	46	0.38	0.98	<10%	2.13
	1	42	277	0.98	46	0.17	0.98	<10%	2.13
CFQ57W/G24q	1	57	120	0.81	52	0.43	0.99	<10%	1.56
	1	57	277	0.82	51	0.19	0.99	<10%	1.61
CFTR57W/GX24q	1	57	120	0.81	52	0.43	0.99	<10%	1.56
	1	57	277	0.82	51	0.19	0.99	<10%	1.61
CFS21W/G24q	2	21	120	1.12	51	0.42	0.99	<10%	2.20
	2	21	277	1.12	51	0.18	0.99	<10%	2.20
FT24W/2G11	2	24	120	0.93	48	0.41	0.99	<10%	1.94
	2	24	277	0.93	48	0.18	0.99	<10%	1.94
	1	24	120	0.90	26	0.21	0.99	<10%	3.52
	1	24	277	0.89	26	0.10	0.96	<10%	3.46
FT18W/2G11	2	18	120	0.73	33	0.27	0.99	<10%	2.24
	2	18	277	0.74	33	0.12	0.98	<10%	2.26
F24T5/HO	2	24	120	1.00	51	0.44	0.99	<10%	1.96
	2	24	277	1.00	51	0.19	0.98	<10%	1.96
FC16T9	1	40	120	1.00	43	0.36	0.99	<10%	2.33
	1	40	277	1.00	43	0.16	0.97	<10%	2.33
FC12T5	1	40	120	0.74	34	0.28	0.99	<10%	2.17
	1	40	277	0.75	34	0.13	0.98	<10%	2.18
FC9T5	1	22	120	1.02	27	0.22	0.99	<10%	3.84
	1	22	277	1.03	27	0.08	0.97	<12%	3.82

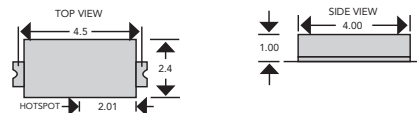
**\* Primary Lamp Design**

**Ballast Specifications**

- Ballast shall have a five-year warranty with maximum case temperature of 70°C or three-year warranty with maximum case temperature of 90°C.
- 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.
- Ballast shall comply with the limits of FCC Part 18 Class B (Consumer).
- Ballast shall have a lamp operating frequency greater than 40KHz.
- Ballast shall have color-coded, dual entry poke-in connectors.
- Ballast shall ignite lamps within 900ms.
- Ballast shall have a 0°F minimum lamp starting temperature for primary lamp(s).
- Ballast shall be Program Start.
- Ballast shall be Series Lamp Operation.
- Ballast shall have a minimum Power Factor of 97% for primary lamp operation.
- Ballast shall operate within a +/- 10% of the ballast specified line voltage at an input frequency of 50Hz or 60Hz.
- Ballast shall have a maximum case hot spot temperature of 90°C.
- Ballast shall have end of lamp life protection.
- Ballast shall have auto restart.

• Specifications are subject to change without notice.

**Dimensions**



**Wiring Diagram**

