

7/21/2014

**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
CF18DE*	2	18	120	0.95	35	0.30	0.99	<10%	2.71
	2	18	277	0.95	35	0.13	0.99	<10%	2.71
	1	18	120	1.00	19	0.16	0.97	<12%	5.26
	1	18	277	1.00	19	0.07	0.97	<12%	5.26
CF18TE	2	18	120	1.05	39	0.33	0.99	<10%	2.69
	2	18	277	1.05	39	0.14	0.99	<10%	2.69
	1	18	120	1.05	20	0.17	0.97	<12%	5.25
	1	18	277	1.05	20	0.08	0.97	<12%	5.25
CF21W/GR10q	2	21	120	0.91	40	0.33	0.99	<10%	2.28
	2	21	277	0.91	40	0.14	0.99	<10%	2.28
	1	21	120	0.90	20	0.16	0.97	<12%	4.50
	1	21	277	0.90	20	0.07	0.97	<12%	4.50
CF16W/GR10q	2	16	120	1.00	37	0.31	0.99	<10%	2.70
	2	16	277	1.00	37	0.13	0.99	<10%	2.70
	1	16	120	1.10	27	0.22	0.98	<10%	4.07
	1	16	277	1.10	28	0.10	0.99	<10%	3.93
CF26W/G24q	1	26	120	1.00	28	0.24	0.99	<10%	3.57
	1	26	277	1.00	28	0.10	0.96	<12%	3.57
CFTR26W/GX24q	1	26	120	1.00	28	0.24	0.99	<10%	3.57
	1	26	277	1.00	28	0.10	0.96	<12%	3.57

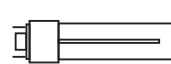
* Primary Lamp Design

Ballast Specifications

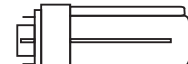
- Ballast shall have a five-year warranty with maximum case temperature of 70°C or three-year warranty with maximum case temperature of 90°C.
- Ballast shall be UL certified.
- Ballast shall be sound rated Class A.
- Ballast shall be Class P Type 1 Outdoor.
- Ballast shall have a Lamp Current Crest Factor 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 A (Non-Consumer).
- Ballast shall have a lamp operating frequency greater than 40KHz.
- Ballast shall have color-coded, dual entry poke-in connectors.

- 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.

This ballast will operation the following lamps:

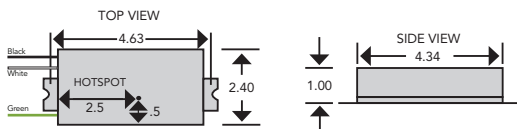


DOUBLE (CFDE),
4 PIN 18W

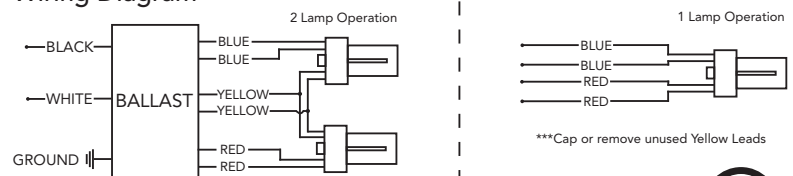


TRIPLE (CFTE),
4 PIN 18W

Dimensions



Wiring Diagram



***Cap or remove unused Yellow Leads

• Specifications are subject to change without notice.



Electronic Fluorescent Ballast