

Compact Florescent Program Start Series Lamp Operation

EP2/13CF/MV/K

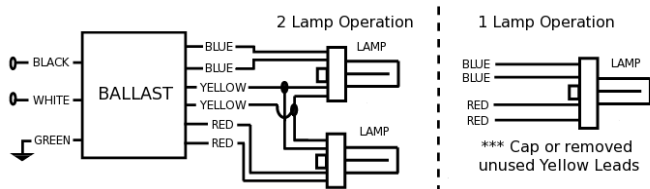
Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
CF7SE	1	7	120	0.88	9	0.08	0.99	<10%	9.53
CF7SE	1	7	277	0.93	10	0.04	0.86	<20%	9.42
CF7SE	2	7	120	0.91	16	0.14	0.99	<10%	5.59
CF7SE	2	7	277	0.91	17	0.06	0.93	<20%	5.48
CF9SE	1	9	120	0.92	11	0.09	0.99	<10%	8.37
CF9SE	1	9	277	1.00	12	0.05	0.89	<20%	8.42
CF9SE	2	9	120	0.92	19	0.16	0.99	<10%	4.70
CF9SE	2	9	277	0.98	21	0.08	0.95	<15%	4.77
2D10W	1	10	120	0.92	13	0.11	0.99	<10%	7.09
2D10W	1	10	277	0.93	13	0.05	0.90	<20%	6.93
2D10W	2	10	120	0.94	24	0.20	0.99	<10%	3.90
2D10W	2	10	277	0.97	24	0.09	0.96	<15%	4.01
CF13DE	1	13	120	1.04	17	0.15	0.99	<10%	6.02
CF13DE	1	13	277	1.05	18	0.07	0.94	<20%	5.93
CF13DE*	2	13	120	1.03	33	0.27	0.99	<10%	3.17
CF13DE*	2	13	277	1.04	32	0.12	0.98	<10%	3.23
CF13TE	1	13	120	0.97	16	0.14	0.99	<10%	6.04
CF13TE	1	13	277	0.96	16	0.06	0.93	<20%	5.90
CF13TE*	2	13	120	0.92	30	0.25	0.99	<10%	3.10
CF13TE*	2	13	277	0.93	29	0.11	0.97	<10%	3.17
2D16W	1	16	120	0.90	18	0.15	0.99	<10%	5.08
2D16W	1	16	277	0.90	18	0.07	0.94	<20%	5.04

*Primary lamp design

Ballast Specifications

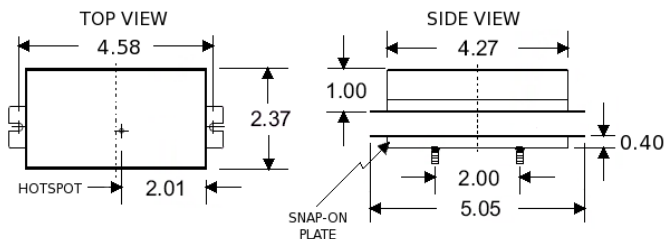
- Ballast shall have a five year warranty with maximum case temperature of 70°C or three year warranty with maximum case temperature of 90°C.
- Ballast shall be UL certified.
- Ballast shall be sound rated Class A.
- Ballast shall be Class P Type 1 Outdoor.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41.
- Ballast shall comply with the limits of FCC Part 18C 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.

Wiring Diagram



Ballast must be grounded

Ballast Dimensions



Retail packaged kit contains:

- Dual entry poke-in connector ballast
- Snap-on plate
- Wire set
- Wire removing tool
- Mounting hardware – Nuts & washers

This ballast will operate the following lamps:

