

T8 Instant Start Parallel Lamp Operation

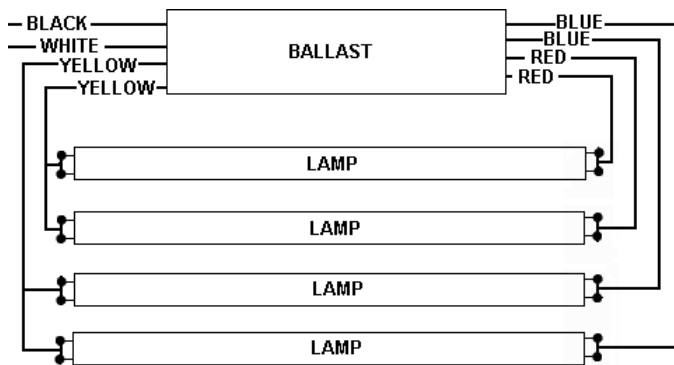
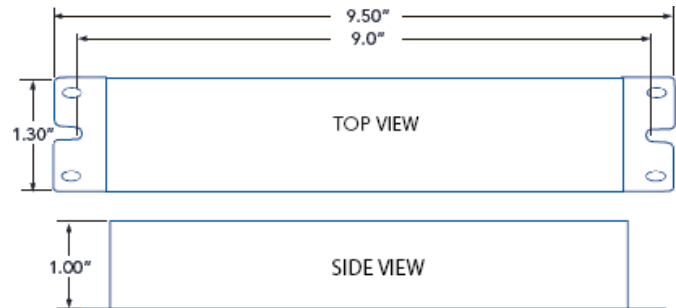
EP4/32IS/MV/MC/HE

Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F17T8	4	17	120	0.93	59	0.49	0.98	<10%	1.57
F17T8	4	17	277	0.93	58	0.22	0.98	<10%	1.59
F25T8	4	25	120	0.89	87	0.72	0.98	<10%	1.02
F25T8	4	25	277	0.89	85	0.32	0.98	<10%	1.05
F32T8	3	32	120	0.96	92	0.77	0.98	<10%	1.04
F32T8	3	32	277	0.96	89	0.34	0.98	<10%	1.07
F32T8*	4	32	120	0.88	110	0.93	0.98	<10%	0.80
F32T8*	4	32	277	0.88	108	0.40	0.98	<10%	0.80
F32T8/ES/30	3	30	120	0.96	84	0.71	0.98	<10%	1.14
F32T8/ES/30	3	30	277	0.96	84	0.31	0.98	<10%	1.15
F32T8/ES/30	4	30	120	0.88	101	0.85	0.98	<10%	0.87
F32T8/ES/30	4	30	277	0.88	100	0.37	0.98	<10%	0.88
F32T8/ES/28	3	28	120	0.96	77	0.65	0.98	<10%	1.24
F32T8/ES/28	3	28	277	0.96	77	0.285	0.98	<10%	1.25
F32T8/ES/28	4	28	120	0.88	94	0.79	0.98	<10%	0.93
F32T8/ES/28	4	28	277	0.88	94	0.345	0.98	<10%	0.93
F32T8/ES/25	3	25	120	0.96	74	0.62	0.98	<10%	1.29
F32T8/ES/25	3	25	277	0.96	73	0.27	0.98	<10%	1.31
F32T8/ES/25	4	25	120	0.88	88	0.74	0.98	<10%	1.00
F32T8/ES/25	4	25	277	0.88	88	0.325	0.98	<10%	1.00
FB32T8	3	32	120	0.96	92	0.77	0.98	<10%	1.04
FB32T8	3	32	277	0.96	89	0.34	0.98	<10%	1.07
FB32T8	4	32	120	0.88	110	0.93	0.98	<10%	0.80
FB32T8	4	32	277	0.88	108	0.40	0.98	<10%	0.80
FB31T8	3	31	120	0.96	87	0.73	0.98	<10%	1.10
FB31T8	3	31	277	0.96	87	0.32	0.98	<10%	1.10
FB31T8	4	31	120	0.88	107	0.90	0.98	<10%	0.82
FB31T8	4	31	277	0.88	106	0.39	0.98	<10%	0.83
FB28T8	3	28	120	0.96	77	0.65	0.98	<10%	1.24
FB28T8	3	28	277	0.96	77	0.285	0.98	<10%	1.25
FB28T8	4	28	120	0.88	94	0.79	0.98	<10%	0.93
FB28T8	4	28	277	0.88	92	0.34	0.98	<10%	0.95
F40T8	3	40	120	0.96	114	0.95	0.98	<10%	0.84
F40T8	3	40	277	0.96	109	0.41	0.98	<10%	0.88

* 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 18C 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 Series Lamp Operation
- Ballast shall have a minimum Power Factor of 98% 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 70 C

Wiring Diagram**Ballast Dimension**

FOR 3 LAMP OPERATION CAP ANY BLUE LEAD