

T8 High Efficiency Instant Start Parallel Lamp Operation

EPL3/32IS/MV/SC/HE

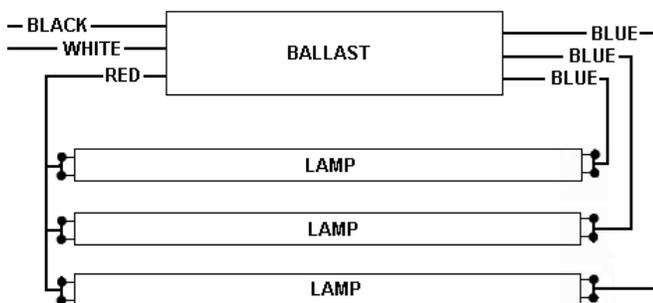
Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F17T8	2	17	120	0.87	31	0.27	0.99	<12%	2.81
F17T8	2	17	277	0.87	31	0.12	0.94	<15%	2.81
F17T8	3	17	120	0.80	41	0.34	0.99	<10%	1.95
F17T8	3	17	277	0.80	40	0.15	0.96	<12%	2.00
F25T8	2	25	120	0.86	44	0.37	0.99	<10%	1.95
F25T8	2	25	277	0.86	44	0.16	0.96	<15%	1.95
F25T8	3	25	120	0.78	58	0.49	0.99	<10%	1.34
F25T8	3	25	277	0.78	57	0.21	0.98	<10%	1.37
F32T8ES(25W)	2	25	120	0.84	43	0.36	0.99	<10%	1.95
F32T8ES(25W)	2	25	277	0.84	43	0.16	0.97	<11%	1.95
F32T8ES(25W)	3	25	120	0.75	58	0.49	0.99	<10%	1.29
F32T8ES(25W)	3	25	277	0.75	57	0.21	0.98	<10%	1.32
F32T8ES(28W)	2	28	120	0.84	48	0.40	0.99	<10%	1.75
F32T8ES(28W)	2	28	277	0.84	47	0.17	0.97	<11%	1.79
F32T8ES(28W)	3	28	120	0.75	62	0.52	0.99	<10%	1.21
F32T8ES(28W)	3	28	277	0.75	62	0.22	0.98	<10%	1.21
F32T8ES(30W)	2	30	120	0.84	52	0.44	0.98	<10%	1.62
F32T8ES(30W)	2	30	277	0.84	52	0.19	0.98	<11%	1.62
F32T8ES(30W)	3	30	120	0.75	69	0.57	0.99	<10%	1.09
F32T8ES(30W)	3	30	277	0.75	68	0.24	0.98	<10%	1.10
F32T8	2	32	120	0.85	55	0.46	0.99	<10%	1.55
F32T8	2	32	277	0.85	54	0.20	0.98	<10%	1.57
F32T8*	3	32	120	0.75	72	0.61	0.99	<10%	1.07
F32T8*	3	32	277	0.75	72	0.26	0.99	<10%	1.07
F40T8	2	40	120	0.84	68	0.58	0.99	<10%	1.24
F40T8	2	40	277	0.84	67	0.25	0.98	<10%	1.25

\*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
- 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 Parallel 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**



FOR 2 LAMP OPERATION CAP ONE BLUE LEAD

**Ballast Dimensions**

