

T8 High Efficiency Instant Start Parallel Lamp Operation

EPH3/32IS/MV/SC/HE

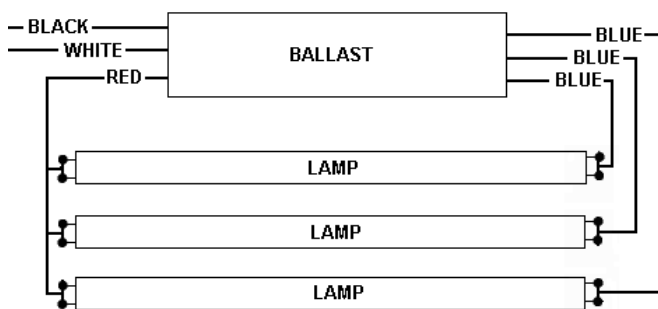
Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F32T8ES(25W)	2	25	120	1.26	70	0.58	0.99	<10%	1.80
F32T8ES(25W)	2	25	277	1.26	68	0.25	0.98	<10%	1.85
F32T8ES(25W)	3	25	120	1.14	92	0.77	0.99	<10%	1.24
F32T8ES(25W)	3	25	277	1.14	89	0.32	0.99	<10%	1.28
F32T8ES(28W)	2	28	120	1.25	73	0.59	0.99	<10%	1.71
F32T8ES(28W)	2	28	277	1.25	71	0.26	0.98	<10%	1.76
F32T8ES(28W)	3	28	120	1.15	97	0.81	0.99	<10%	1.19
F32T8ES(28W)	3	28	277	1.15	94	0.34	0.99	<10%	1.22
F32T8ES(30W)	2	30	120	1.25	77	0.64	0.99	<10%	1.62
F32T8ES(30W)	2	30	277	1.25	76	0.28	0.98	<10%	1.64
F32T8ES(30W)	3	30	120	1.15	104	0.87	0.99	<10%	1.11
F32T8ES(30W)	3	30	277	1.15	101	0.37	0.99	<10%	1.14
F32T8	2	32	120	1.25	81	0.68	0.99	<10%	1.54
F32T8	2	32	277	1.25	80	0.29	0.98	<10%	1.56
F32T8*	3	32	120	1.15	110	0.92	0.99	<10%	1.05
F32T8*	3	32	277	1.15	107	0.39	0.99	<10%	1.07
F40T8	2	40	120	1.24	102	0.85	0.99	<10%	1.22
F40T8	2	40	277	1.24	100	0.37	0.98	<10%	1.24

*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

