



**F96T8 Ballast, 2-lamp  
Instant Start Parallel Lamp Operation**

**EP2/59IS/MV/MC**

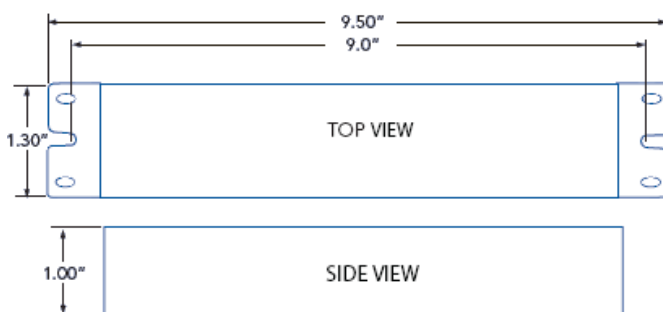
Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F96T8 *	2	59	120	0.88	108	0.92	0.99	<10%	0.8
F96T8 *	2	59	277	0.88	106	0.4	0.98	<10%	0.82
F96T8	1	59	120	1.09	68	0.57	0.99	<10%	1.6
F96T8	1	59	277	1.09	67	0.25	0.98	<10%	1.62

\* Primary lamp design

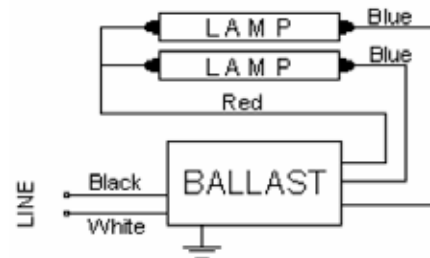
**Ballast Specifications**

- Ballast shall have a five year warranty
- Ballast shall be UL listed & cUL listed
- 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 meet ANSI Standards (C82.11-2005 & C62.41-2002)
- Ballast shall comply with the limits of FCC Part 18C Class A
- Ballast shall have a lamp operating frequency greater than 20kHz
- Ballast shall have a 0° C minimum lamp starting temperature for primary lamp
- Ballast shall be potted
- Ballast shall be Instant Start
- Ballast shall be Parallel Lamp Operation
- Ballast shall have minimum Power Factor of 98% for primary lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 60Hz
- Ballast shall have a maximum case hot spot temperature of 70° C

**Ballast Dimensions**



**Wiring Diagram – Two Lamp Operation**



\* For one lamp operation, cap any blue lead.

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