



AB2-96-IP-277

277V Standard Electronic Ballast Instant Start Parallel lamp operation

TWO LAMP OPERATION						
Lamp Type	F96T12	F96T12ES	F84T12	F72T12	F64T12	F60T12
Rated Lamp Watts	75	60	70	57	52	50
Ballast Factor	95	94	96	98	99	100
Input Power (W)	144	113	134	113	103	100
Input Current (A)	0.50	0.41	0.48	0.41	0.37	0.36
Power Factor	.99	.99	.98	0.98	0.98	0.98
THD	<10%	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	0.66	0.83	0.72	0.87	0.96	1.00
ONE LAMP OPERATION						
Lamp Type	F96T12	F96T12ES	F84T12	F72T12	F64T12	F60T12
Rated Lamp Watts	75	60	70	57	52	50
Ballast Factor	105	107	105	107	109	110
Input Power (W)	79	64	74	61	57	55
Input Current (A)	0.32	0.27	0.31	0.27	0.24	0.24
Power Factor	.99	.99	.98	.98	.98	.98
THD	<10%	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	1.32	1.67	1.41	1.75	1.91	2.00

BALLAST SPECIFICATIONS

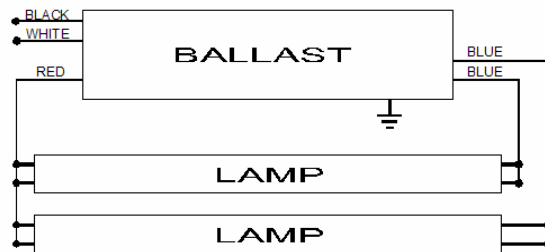
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified
- Ballast shall be sound rated Class A.
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C Class A
- Ballast shall have a lamp operating frequency greater than 20kHz.
- Ballast shall have a 0°F 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 99% for primary lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 60 Hz.
- Ballast shall have a maximum case hot spot temperature of 75 Celsius.

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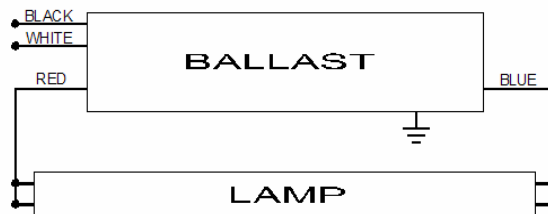
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WIRING DIAGRAMS

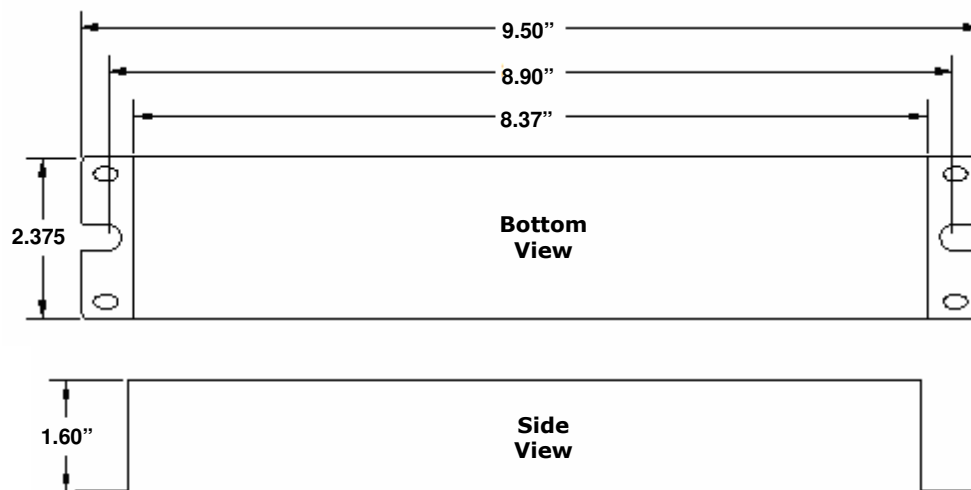
TWO LAMP OPERATION



ONE LAMP OPERATION



BALLAST DIMENSIONS



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