



AB2-96HO-RS-UNV

Universal Input Voltage 120 to 277 Rapid Start Series lamp operation

TWO LAMP OPERATION					
Lamp Type	F96T12HO	F96T12HOES	F72T12HO	F60T12HO	F48T12HO
Rated Lamp Watts	110	95	85	75	60
Ballast Factor	90	89	90	96	99
Input Power (W)	200	169	153	144	119
Input Current (A)@120	1.72	1.44	1.31	1.13	0.99
Input Current (A)@277	0.72	0.60	0.56	0.49	0.43
Power Factor	.99	.99	.98	.98	.98
THD	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	0.450	0.526	0.588	0.667	0.832
ONE LAMP OPERATION					
Lamp Type	F96T12HO	F96T12HOES	F72T12HO	F60T12HO	F48T12HO
Rated Lamp Watts	110	95	85	75	60
Ballast Factor	103	103	105	108	112
Input Power (W)	113	108	85	81	67
Input Current (A)@120	1.04	0.87	0.79	0.68	0.60
Input Current (A)@277	0.45	0.38	0.35	0.31	0.27
Power Factor	.99	.99	.98	.98	.98
THD	<10%	<15%	<15%	<15%	<15%
Ballast Efficacy Factor	0.912	0.953	1.235	1.330	1.672

BALLAST SPECIFICATIONS

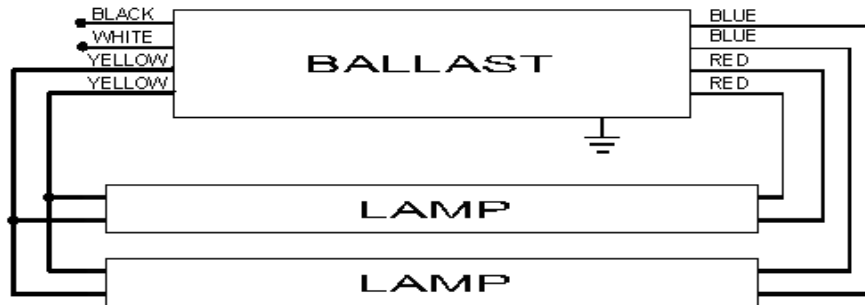
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified for the U.S. and Canada.
- Ballast shall be sound rated Class A.
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI 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 -20°F minimum lamp starting temperature for primary lamp.
- Ballast shall be potted.
- Ballast shall be Rapid Start
- Ballast shall be Series 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 50/60 Hz.
- Ballast shall have a maximum case hot spot temperature of 85 Celsius.

AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538
1-888-313-8188 Fax: (510) 445-1678 Email: info@americanballast.com

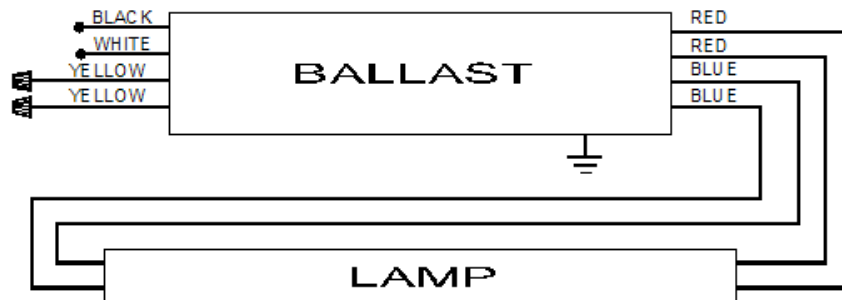
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WIRING DIAGRAMS

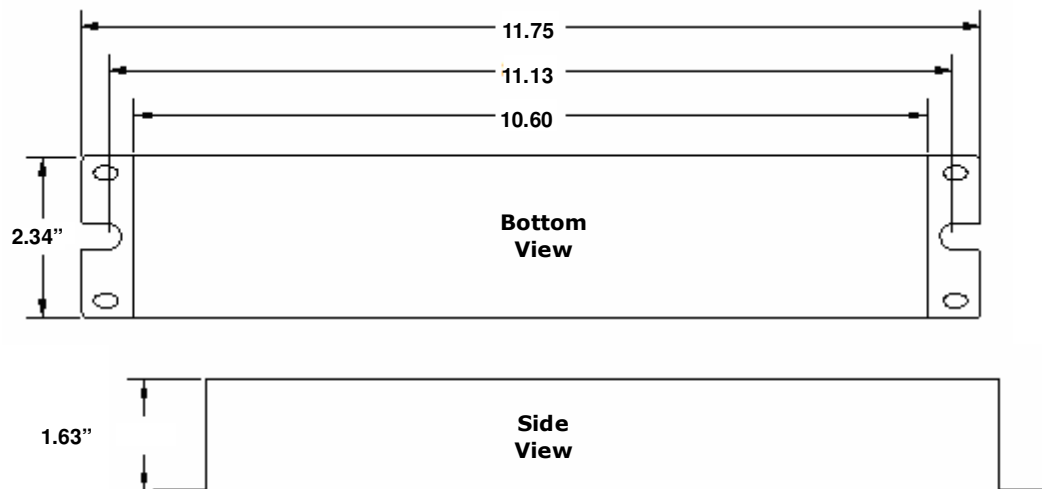
TWO LAMP OPERATION



ONE LAMP OPERATION



BALLAST DIMENSIONS



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