



AB2-96-IP-120-1

120V Standard Electronic Ballast Instant Start Parallel Lamp Operation

TWO LAMP OPERATION			
Lamp Type	F96T12	F96T12ES	F72T12
Rated Lamp Watts	75	60	57
Ballast Factor	85	85	85
Input Power (W)	136	110	108
Input Current (A)	1.15	0.93	0.91
Power Factor	99%	99%	99%
THD	<10%	<10%	<10%
Ballast Efficacy Factor	0.63	0.77	0.79
ONE LAMP OPERATION			
Lamp Type	F96T12	F96T12ES	F72T12
Rated Lamp Watts	75	60	57
Ballast Factor	99	100	104
Input Power (W)	82	67	66
Input Current (A)	0.70	0.57	0.56
Power Factor	98%	98%	98%
THD	<10%	<10%	<10%
Ballast Efficacy Factor	1.21	1.49	1.58

BALLAST SPECIFICATIONS

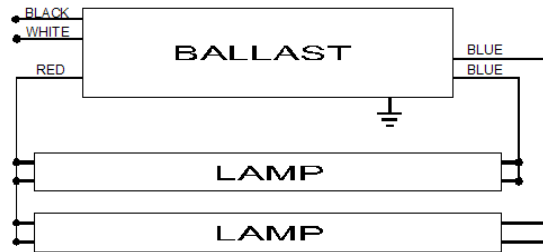
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified for the U.S. and Canada.
- Ballast shall be sound rated Class A.
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C Class A
- Ballast shall have a lamp operating frequency between 40 and 52kHz.
- 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°C.

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

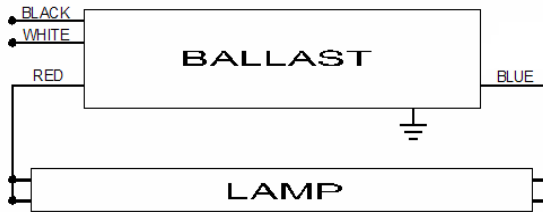
AB2-96-IP-120-1

WIRING DIAGRAMS

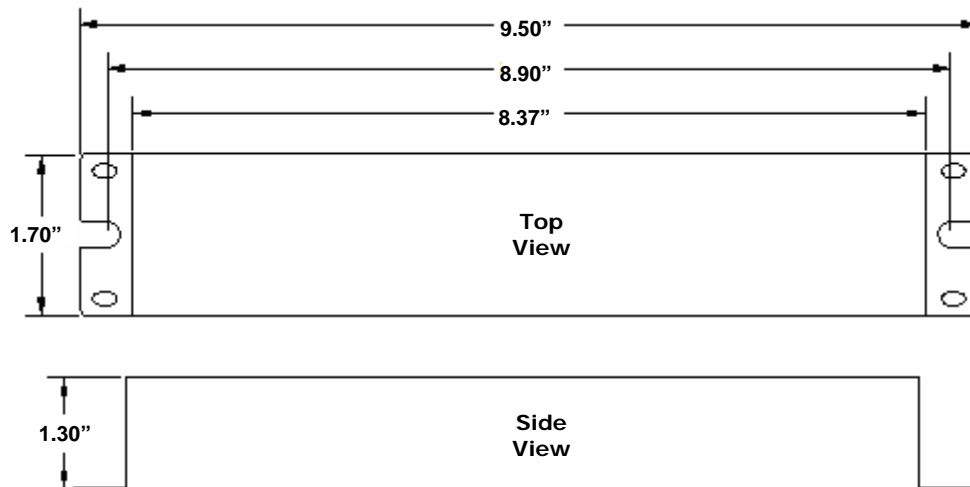
TWO LAMP OPERATION



ONE LAMP OPERATION



BALLAST DIMENSIONS



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