



PRELIMINARY

## AB2-32-IP-120-HX

# 120V Very High Ballast Factor Electronic Ballast Instant Start Parallel lamp operation

Two Lamp Operation			
Lamp Type	F32T8	F32T8/ES	FB31T8
Rated Lamp Watts	32	32	31
Ballast Factor	1.3	1.3	1.3
Input Power (W)	85	83	85
Input Current (A)	0.70	0.69	0.70
Power Factor	.98	.98	.98
THD	<20%	<20%	<20%
Ballast Efficacy Factor	1.53	1.57	1.53

## BALLAST SPECIFICATIONS

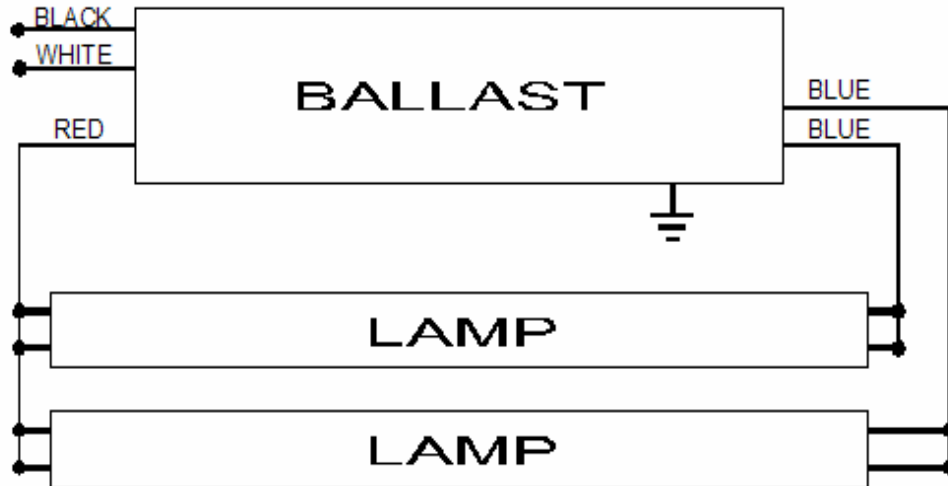
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 20kHz.
- Ballast shall have a 0°F minimum lamp starting temperature.
- 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 60 Hz.
- Ballast shall have a maximum case hot spot temperature of 80 Celsius.

AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538  
1-510-445-0100 Fax: (510) 445-1678 Email: [info@americanballast.com](mailto:info@americanballast.com)

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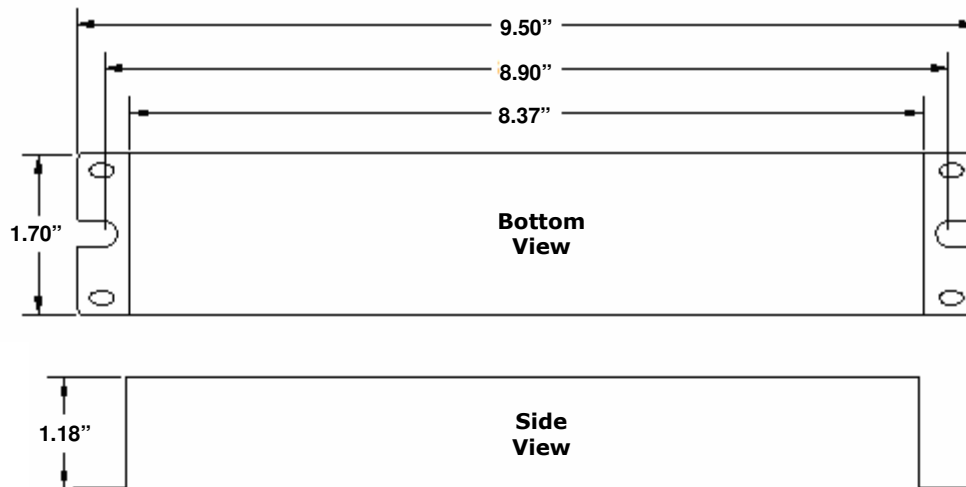
**WIRING DIAGRAMS**

**TWO LAMP OPERATION**



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**BALLAST DIMENSIONS**



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