



AB3-32-IP-UNV-1

Universal Input Voltage High Efficiency 120V to 277V Instant Start Parallel Lamp operation

| THREE LAMP OPERATION | | | | | | | |
|----------------------------|-------|----------|----------|----------|----------|-------|-------|
| Lamp Type | F32T8 | F32T8/ES | F32T8/ES | F32T8/ES | F25T8 | F17T8 | |
| Rated Lamp Watts | 32 | 30 | 28 | 25 | 25 | 17 | |
| Ballast Factor | 88 | 88 | 88 | 88 | 88 | 92 | |
| Input Power (W) | 83 | 80 | 74 | 66 | 65 | 50 | |
| Input Current (A) 120V | 0.74 | 0.67 | 0.62 | 0.56 | 0.55 | 0.43 | |
| Input Current (A) 277V | 0.31 | 0.29 | 0.27 | 0.24 | 0.24 | 0.19 | |
| Power Factor | .98 | .98 | .98 | .98 | .98 | .95 | |
| THD | <10% | <10% | <10% | <10% | <20% | <20% | |
| Ballast Efficacy Factor | 1.06 | 1.10 | 1.19 | 1.33 | 1.35 | 1.84 | |
| TWO LAMP OPERATION | | | | | | | |
| Lamp Type | F40T8 | F32T8 | F32T8/ES | F32T8/ES | F32T8/ES | F25T8 | F17T8 |
| Rated Lamp Watts | 40 | 32 | 30 | 28 | 25 | 25 | 17 |
| Ballast Factor | 1.02 | 99 | 1.04 | 1.04 | 1.04 | 1.05 | 1.05 |
| Input Power (W) | 75 | 65 | 63 | 62 | 57 | 55 | 52 |
| Input Current (A) 120V | 0.66 | 0.59 | 0.54 | 0.51 | 0.48 | 0.45 | 0.32 |
| Input Current (A) 277V | 0.29 | 0.25 | 0.23 | 0.22 | 0.21 | 0.20 | 0.16 |
| Power Factor | .98 | .98 | .98 | .98 | .98 | .98 | .96 |
| THD | <10% | <10% | <10% | <10% | <20% | <20% | <20% |
| Ballast Efficacy Factor | 1.36 | 1.52 | 1.65 | 1.68 | 1.82 | 1.91 | 2.02 |

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 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 between 42 and 52 KHz.
- Ballast shall have a -20°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 98% 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 90° Celsius.
- Ballast shall meet NEMA/CEE High Performance T8 specifications.

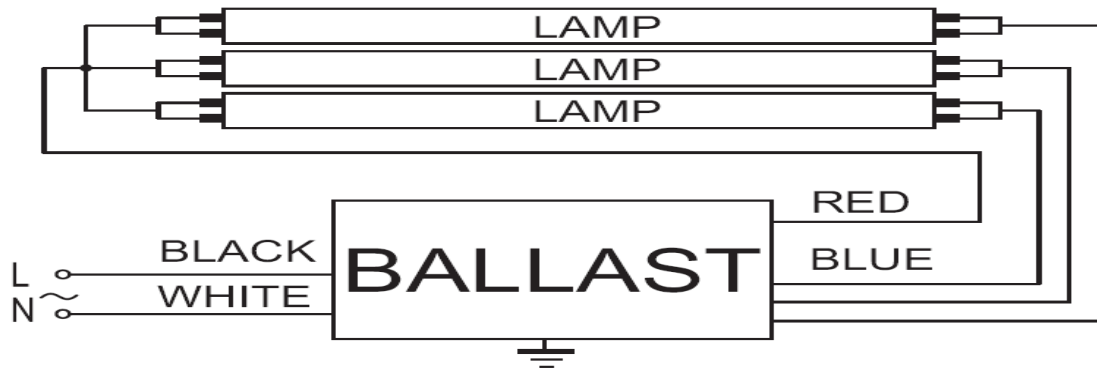
AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538
1-510-445-0100 Fax: (510) 445-1678 Email: info@americanballast.com

Revision Date: 12/21/2010

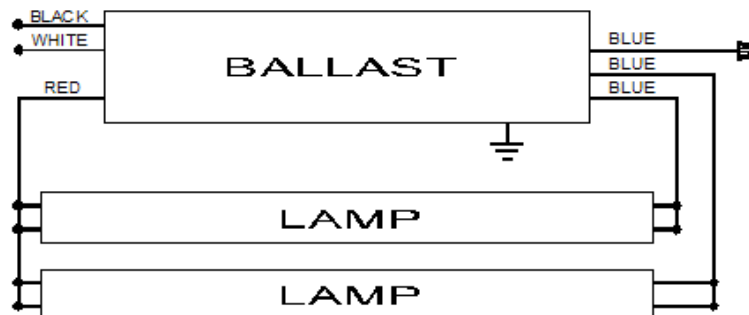
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WIRING DIAGRAMS

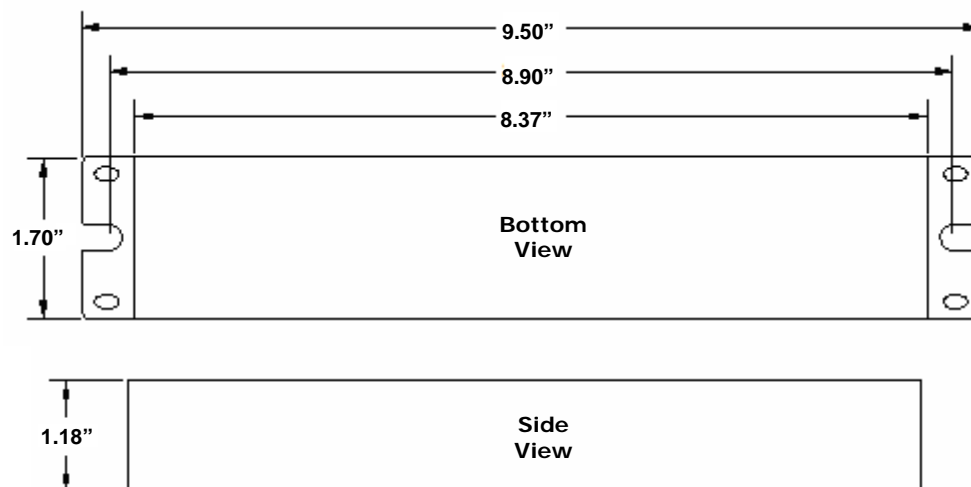
THREE LAMP OPERATION



TWO LAMP OPERATION



BALLAST DIMENSIONS



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