



AB3-32-IP-UNV-HBF

Universal Input Voltage High Ballast Factor 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 | 1.18 | 1.18 | 1.15 | 1.20 | 1.21 | 1.23 | |
| Input Power (W) | 112/109 | 104/102 | 91/89 | 82/81 | 85/84 | 59 | |
| Input Current (A) 120V | 0.94 | 0.88 | 0.76 | 0.68 | 0.71 | 0.50 | |
| Input Current (A) 277V | 0.40 | 0.37 | 0.33 | 0.30 | 0.31 | 0.22 | |
| Power Factor | 0.99 | 0.99 | 0.98 | 0.98 | 0.98 | 0.95 | |
| THD | <10% | <10% | <10% | <10% | <10% | <10% | |
| Ballast Efficacy Factor | 1.05/1.08 | 1.13/1.16 | 1.26/1.29 | 1.46/1.48 | 1.42/1.44 | 2.08 | |
| 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 | 1.37 | 1.42 | 1.40 | 1.35 | 1.39 | 1.40 | 1.42 |
| Input Power (W) | 102/99 | 85/84 | 79/77 | 69/68 | 63/62 | 65/64 | 46 |
| Input Current (A) 120V | 0.85 | 0.71 | 0.66 | 0.58 | 0.52 | 0.54 | 0.38 |
| Input Current (A) 277V | 0.36 | 0.31 | 0.29 | 0.25 | 0.23 | 0.24 | 0.18 |
| Power Factor | 0.99 | 0.98 | 0.99 | 0.97 | 0.96 | 0.96 | 0.92 |
| THD | <10% | <10% | <10% | <10% | <10% | <10% | <10% |
| Ballast Efficacy Factor | 1.34/1.38 | 1.67/1.69 | 1.77/1.82 | 1.96/1.99 | 2.21/2.24 | 2.15/2.19 | 3.09 |

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.

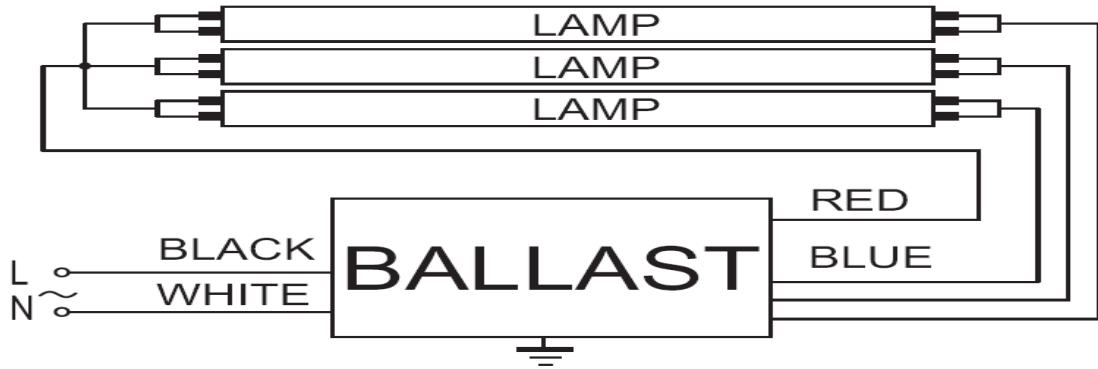
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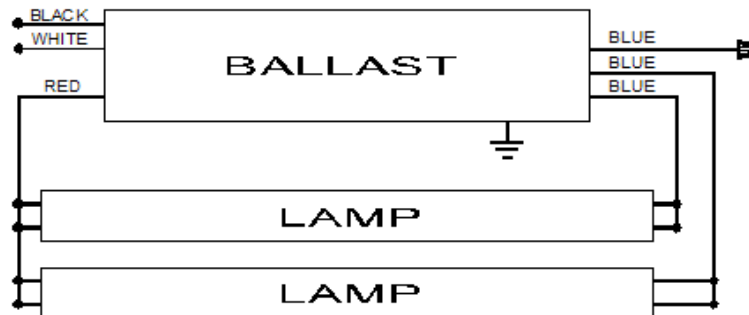
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WIRING DIAGRAMS

THREE LAMP OPERATION



TWO LAMP OPERATION



BALLAST DIMENSIONS

