

## B260IUNVHP

### APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency electronic ballast for (2/1) F96T12ES, (2/1) F96T12, (2/1) F84T12, (2/1) F72T12, (2/1) F64T12, (2/1) F60T12, (2/1) F48T12 or (2/1) F48T12ES lamps

- Line Voltage: 120 - 277vac,  $\pm 10\%$ , 50/60Hz
- Instant Start
- Parallel Lamp Operation
- Active Power Factor Correction

| Lamps    |   | Voltage | Input<br>Watts | Nominal<br>Line Amps | Power<br>Factor | Ballast<br>Factor | Ballast Efficacy<br>Factor | Harmonic<br>Total | Crest<br>Factor |
|----------|---|---------|----------------|----------------------|-----------------|-------------------|----------------------------|-------------------|-----------------|
| Type     | # |         |                |                      |                 |                   |                            |                   |                 |
| F96T12ES | 2 | 120     | 112            | 0.96                 | >.99            | .88               | 0.79                       | < 10%             | < 1.7           |
| F96T12ES | 2 | 277     | 110            | 0.40                 | >.99            | .88               | 0.80                       | < 10%             | < 1.7           |
| F96T12ES | 1 | 120     | 72             | 0.59                 | >.98            | 1.03              | 1.43                       | < 10%             | < 1.7           |
| F96T12ES | 1 | 277     | 70             | 0.26                 | >.98            | 1.03              | 1.47                       | < 10%             | < 1.7           |
| F96T12   | 2 | 120     | 139            | 1.16                 | >.99            | .88               | 0.63                       | < 10%             | < 1.7           |
| F96T12   | 2 | 277     | 137            | 0.50                 | >.99            | .88               | 0.64                       | < 10%             | < 1.7           |
| F96T12   | 1 | 120     | 85             | 0.70                 | >.98            | 1.05              | 1.24                       | < 10%             | < 1.7           |
| F96T12   | 1 | 277     | 84             | 0.31                 | >.98            | 1.05              | 1.25                       | < 10%             | < 1.7           |
| F84T12   | 2 | 120     | 123            | 1.03                 | >.98            | .88               | 0.72                       | < 10%             | < 1.7           |
| F84T12   | 2 | 277     | 120            | 0.44                 | >.98            | .88               | 0.73                       | < 10%             | < 1.7           |
| F84T12   | 1 | 120     | 76             | 0.63                 | >.98            | 1.10              | 1.45                       | < 10%             | < 1.7           |
| F84T12   | 1 | 277     | 75             | 0.28                 | >.98            | 1.10              | 1.47                       | < 10%             | < 1.7           |
| F72T12   | 2 | 120     | 109            | 0.90                 | >.99            | .91               | 0.83                       | < 10%             | < 1.7           |
| F72T12   | 2 | 277     | 107            | 0.39                 | >.99            | .91               | 0.85                       | < 10%             | < 1.7           |
| F72T12   | 1 | 120     | 68             | 0.55                 | >.95            | 1.06              | 1.56                       | < 10%             | < 1.7           |
| F72T12   | 1 | 277     | 67             | 0.25                 | >.95            | 1.06              | 1.58                       | < 10%             | < 1.7           |
| F64T12   | 2 | 120     | 97             | 0.81                 | >.98            | .92               | 0.95                       | < 10%             | < 1.7           |
| F64T12   | 2 | 277     | 96             | 0.35                 | >.98            | .92               | 0.96                       | < 10%             | < 1.7           |
| F64T12   | 1 | 120     | 61             | 0.51                 | >.98            | 1.10              | 1.80                       | < 10%             | < 1.7           |
| F64T12   | 1 | 277     | 96             | 0.35                 | >.95            | 1.10              | 1.15                       | < 10%             | < 1.7           |
| F60T12   | 2 | 120     | 92             | 0.77                 | >.98            | .92               | 1.00                       | < 10%             | < 1.7           |
| F60T12   | 2 | 277     | 91             | 0.33                 | >.98            | .92               | 1.01                       | < 10%             | < 1.7           |
| F60T12   | 1 | 120     | 58             | 0.49                 | >.98            | 1.10              | 1.90                       | < 10%             | < 1.7           |
| F60T12   | 1 | 277     | 58             | 0.22                 | >.95            | 1.10              | 1.90                       | < 10%             | < 1.7           |
| F48T12   | 2 | 120     | 75             | 0.61                 | >.98            | .95               | 1.27                       | < 10%             | < 1.7           |
| F48T12   | 2 | 277     | 74             | 0.27                 | >.95            | .95               | 1.28                       | < 10%             | < 1.7           |
| F48T12   | 1 | 120     | 47             | 0.39                 | >.95            | 1.10              | 2.34                       | < 10%             | < 1.7           |
| F48T12   | 1 | 277     | 47             | 0.18                 | >.95            | 1.10              | 2.34                       | < 10%             | < 1.7           |
| F48T12ES | 2 | 120     | 67             | 0.57                 | >.95            | .93               | 1.39                       | < 10%             | < 1.7           |
| F48T12ES | 2 | 277     | 66             | 0.25                 | >.95            | .93               | 1.41                       | < 10%             | < 1.7           |
| F48T12ES | 1 | 120     | 38             | 0.32                 | >.98            | 1.10              | 2.89                       | < 10%             | < 1.7           |
| F48T12ES | 1 | 277     | 39             | 0.15                 | >.95            | 1.10              | 2.82                       | < 10%             | < 1.7           |

Application and Performance Specification Information Subject to Change without Notification.

#### Performance:

- Meets ANSI Standard C82.11-1993
- Meets ANSI Standard C62.41-1991
- Meets FCC Part 18 (Class A) for EMI and RFI  
Non-Consumer limits
- Meets CSA Standard 654 for Ballast Efficiency

#### Safety:

- No PCB's
- UL listed (Class P, Type 1 Outdoor, Type HL)
- CSA Certified

#### Application:

- Minimum Starting Temperature: 0° F, -18° C  
For ES lamps 60° F, 16° C
- Maximum Case Temperature: 167°F, 75°C
- Sound Rated: A
- Remote Mounting: 20 ft. max. lead length, 18 AWG

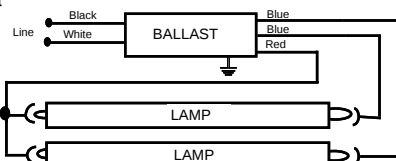
#### Physical Parameters:

- Length: 11.75"
- Width: 3.13"
- Height: 1.78"
- Weight: 4 lbs.
- Lead Length: White, Black 25" ( $\pm 1"$ )
- Red 68" ( $\pm 1"$ )
- Blue 60" ( $\pm 1"$ )

#### Warranty:

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 3 years from date of manufacture when properly installed and under normal conditions of use. Call 1-800-BALLASTx800 for technical assistance.

#### Manufactured in North America



ONE LAMP APPLICATION - Cap unused blue lead

**Ballast must be grounded in accordance with national and local electrical codes.**