

## B232IUNV-C

### APPLICATION and PERFORMANCE SPECIFICATION

**Description:** Electronic ballast(s) for (1/2) **F32T8** or (1/2) F25T8 or (1/2) F17T8 or (1) F40T8 or (2) F25T12 lamps (also operates equivalent U-bend lamps)

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

| Model             | Line Volts | No. of Lamps | Lamp Type    | Input Watts | Nominal Line Amps | Ballast Factor | Ballast Efficacy Factor | Power Factor     | Harmonic Total  | Crest Factor    |
|-------------------|------------|--------------|--------------|-------------|-------------------|----------------|-------------------------|------------------|-----------------|-----------------|
| <b>B232IUNV-C</b> | <b>120</b> | <b>2</b>     | <b>F32T8</b> | <b>58</b>   | <b>0.48</b>       | <b>0.88</b>    | <b>1.52</b>             | <b>&gt; 0.98</b> | <b>&lt; 10%</b> | <b>&lt; 1.7</b> |
|                   | <b>277</b> | <b>2</b>     | <b>F32T8</b> | <b>56</b>   | <b>0.20</b>       | <b>0.88</b>    | <b>1.57</b>             | <b>&gt; 0.98</b> | <b>&lt; 10%</b> | <b>&lt; 1.7</b> |
|                   | 120        | 1            | F32T8        | 35          | 0.29              | 1.02           | 2.91                    | > 0.98           | < 10%           | < 1.7           |
|                   | 277        | 1            | F32T8        | 35          | 0.13              | 1.02           | 2.91                    | > 0.98           | < 10%           | < 1.7           |
|                   | 120        | 2            | F25T8        | 45          | 0.37              | 0.90           | 2.00                    | > 0.98           | < 10%           | < 1.7           |
|                   | 277        | 2            | F25T8        | 44          | 0.16              | 0.90           | 2.05                    | > 0.98           | < 10%           | < 1.7           |
|                   | 120        | 1            | F25T8        | 28          | 0.24              | 1.02           | 3.64                    | > 0.98           | < 10%           | < 1.7           |
|                   | 277        | 1            | F25T8        | 28          | 0.11              | 1.02           | 3.64                    | > 0.98           | < 10%           | < 1.7           |
|                   | 120        | 2            | F17T8        | 31          | 0.27              | 0.91           | 2.94                    | > 0.98           | < 10%           | < 1.7           |
|                   | 277        | 2            | F17T8        | 31          | 0.12              | 0.91           | 2.94                    | > 0.98           | < 10%           | < 1.7           |
|                   | 120        | 1            | F17T8        | 20          | 0.17              | 1.04           | 5.20                    | > 0.98           | < 10%           | < 1.7           |
|                   | 277        | 1            | F17T8        | 20          | 0.08              | 1.04           | 5.20                    | > 0.95           | < 10%           | < 1.7           |
|                   | 120        | 1            | F40T8        | 43          | 0.37              | 0.99           | 2.30                    | > 0.98           | < 10%           | < 1.7           |
|                   | 277        | 1            | F40T8        | 42          | 0.16              | 0.99           | 2.36                    | > 0.98           | < 10%           | < 1.7           |
| 120               | 2          | F25T12       | 47           | 0.40        | 0.89              | 1.89           | > 0.98                  | < 10%            | < 1.7           |                 |
| 277               | 2          | F25T12       | 46           | 0.17        | 0.89              | 1.93           | > 0.98                  | < 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

#### Safety:

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

#### Application:

- Minimum Starting Temperature: 0 °F, -18 °C
- Maximum Ambient Temperature: 105 °F, 40°C
- Maximum Case Temperature(tc): 167 °F, 75 °C
- Sound Rating: Class A
- Remote Mounting: 18 ft.
- Wire Trap, Plug-in Connectors are Standard (use 18 AWG solid copper wire)

#### Physical Parameters

- |                                       | Inches                | Metric   |
|---------------------------------------|-----------------------|----------|
| • Mounting Length: (Center to Center) | 13.75" +/- 0.01"      | 349.3 mm |
| • Overall Length:                     | 14.25" +/- 0.01"      | 362 mm   |
| • Width:                              | 1.18" + 0.03"/- 0.02" | 30 mm    |
| • Height:                             | 1.00" + 0.04"/- 0.01" | 25.4 mm  |
| • Weight:                             | 1 lbs.                | 0.4 kg   |

#### 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 5 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

