

## C226UNVSV3ME

### APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency dimming electronic ballast for (2) CFQ/TR26W lamps

**Secondary Applications:** (1) CFM42W, (1) CFTR32W or (1) CFQ/TR26W lamp

- Line voltage: 120vac to 277vac, ±10%, 50-60Hz
- Auto Reset End of Lamp Life Shutdown Circuitry
- Series lamp operation
- Programmed rapid start
- Active power factor correction

| Lamp      |     | Input Voltage | Max/Min        |                     | Min Start Temp °F/°C | Full Bright         |             |              |      |
|-----------|-----|---------------|----------------|---------------------|----------------------|---------------------|-------------|--------------|------|
| Type      | Qty |               | Ballast Factor | Input Power [Watts] |                      | Line Current [Amps] | Max Thd [%] | Crest Factor | BEF  |
| CFQ/TR26W | 2   | 120           | 1.00/.03       | 53/12               | 32/0                 | 0.44                | < 10        | < 1.7        | 1.89 |
| CFQ/TR26W | 2   | 277           | 1.00/.03       | 53/12               | 32/0                 | 0.19                | < 10        | < 1.7        | 1.89 |
| CFM42W    | 1   | 120           | 1.00/.03       | 42/8                | 32/0                 | 0.35                | < 10        | < 1.7        | 2.38 |
| CFM42W    | 1   | 277           | 1.00/.03       | 42/8                | 32/0                 | 0.15                | < 10        | < 1.7        | 2.38 |
| CFTR32W   | 1   | 120           | 1.00/.03       | 34/7                | 32/0                 | 0.28                | < 10        | < 1.7        | 2.94 |
| CFTR32W   | 1   | 277           | 1.00/.03       | 34/8                | 32/0                 | 0.12                | < 10        | < 1.7        | 2.94 |
| CFQ/TR26W | 1   | 120           | 1.00/.03       | 28/7                | 32/0                 | 0.26                | < 10        | < 1.7        | 3.57 |
| CFQ/TR26W | 1   | 277           | 1.00/.03       | 28/7                | 32/0                 | 0.10                | < 10        | < 1.7        | 3.57 |

Data taken at 100% Light Level unless otherwise noted.

Application and operation performance specification information subject to change without notification.

**Performance:**

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 for EMI and RFI  
Non-Consumer Limits

**Safety:**

- No PCB's
- cUL<sub>US</sub> LISTED (Class P, Type 1 Outdoor, Type CC)

**Application:**

- Minimum starting temperature: 32° F, 0° C
- Maximum case temperature: 167° F, 75° C
- Sound rating: Class A
- Remote mounting: 18"
- Line voltage protection for control circuit
- Dimming range: 100% to 3% light output
- Line voltage protection for control circuit
- Maximum lead lengths: Red: 18"  
Blue: 18"

**Physical Parameters:**

- Overall length: 4.94"
- Mounting length: 4.61"
- Width: 3.00"
- Height: 1.00"
- Weight: .60 lbs
- Carton Quantity 20
- Lead entry: ME - Side and Bottom Access

• Please review the SuperDim Application Notes at

<http://www.universalballast.com/techSupport/application-notes/superdim/index.html>

**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.

**Dimming Control Specifications:**

- 10 to 0 vDC Voltage Control
- 10v = maximum output
- 0v = minimum output
- Built-in line voltage protection circuit: Deep-dimming condition when line voltage is applied to control leads
- Can be wired as Class 1 or Class 2 Circuit
- Ballast will source a maximum of 250uA for control needs

Manufactured in North America

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

**Control Wiring**

- Use Purple (+) & Gray (-) for connection to 0-10vDC.
- Ballast protected if line voltage is applied.
- Wiring Purple & Gray together provides 3% light output.
- Capping Purple & Gray separately provides 100% light output.

