



# B432SR277V5

Not for use in California\*

## APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency dimming electronic ballast for (4) F32T8 or (4) F31T8/U lamps.

- Line Voltage: 277vac, ±10%, 60Hz
- Series/Parallel Lamp Operation
- Rapid Start
- Active Power Factor Correction

Ballast Voltage	Lamp		Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Total	Crest Factor
	Type	#						Harmonic Distortion	
277	F32T8@100%	4	117	0.43	>.99	.88	0.75	< 10%	<1.5
277	F32T8@5%	4	21	0.09	>.90	.05	0.24	< 15%	<1.6

Application and Operation 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 for EMI and RFI Non-Consumer Limits

**Safety:**

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

**Application:**

- Minimum Starting Temperature: 50° F, 10° C
- Maximum Ambient Temperature: 105° F, 40° C
- Sound Rated: A
- May not be compatible with some "powerline carrier" and/or infrared systems; consult factories
- Dimming Range: Continuous; **100% to 5% light output**
- Remote Mounting Distance: 12 ft.
- **Line voltage protection for control circuit**

**Physical Parameters:**

- Length: 16.4"
- Width: 2.4"
- Height: 1.5"
- Weight: 3lbs
- Carton Qty: 6
- Lead Length: White, Black 25" (± 1")
- Red, Blue, Red/Wht, Blue/Wht 33" (± 1")
- Yellow, Yellow/ Black 51" (± 1")
- Gray, Violet 33" (± 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 5 years from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

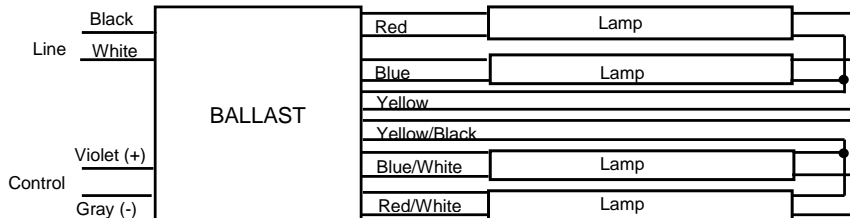
**DIMMING CONTROL SPECIFICATIONS:**

- **10 to 0 vDC Voltage Control**
  - 10v = maximum output
  - 0v = minimum output
  - **Built-in line voltage protection circuit. Ballast goes to 30% dim if line voltage is applied to control leads**
- Can be wired as Class 1 or Class 2 Circuit
- Ballast will Source a Max. of 0.5mA for control needs

Manufactured in North America

\* Products manufactured with a date code later than 1626 are not to be installed in California per CEC Title 20.

**Ballast Case Must be Grounded**



**Control Wiring**  
• Use Violet (+) & Gray (-) for connection to 0 to 10 vDC.

**Control Wiring**  
Ballast protected if line voltage is applied.

**Control Wiring**  
Wiring Violet & Gray together equals 5% light output. Capping violet & gray separately equals 100%.