



## B432SR277V5

### APPLICATION and PERFORMANCE SPECIFICATION

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

- Line Voltage: 277vac,  $\pm 10\%$ , 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" ( $\pm 1"$ )  
Red, Blue, Red/Wht, Blue/Wht 33" ( $\pm 1"$ )  
Yellow, Yellow/ Black 51" ( $\pm 1"$ )  
Gray, Violet 33" ( $\pm 1"$ )

#### Warranty:

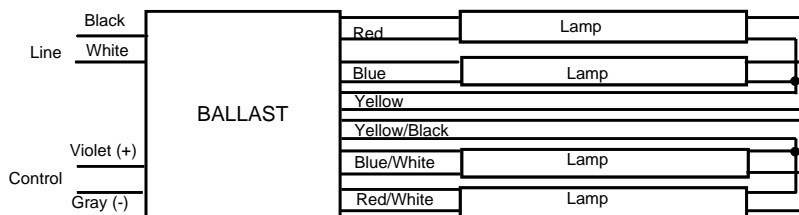
Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

#### DIMMING CONTROL SPECIFICATIONS:

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

Manufactured in North America

**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%.

