THE
VARIABLE
LIGHT OUTPUT
ELECTRONIC BALLAST

B432SR277V5

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 Type	Lamp #	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Total Harmonic Distortion	Crest Factor
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:

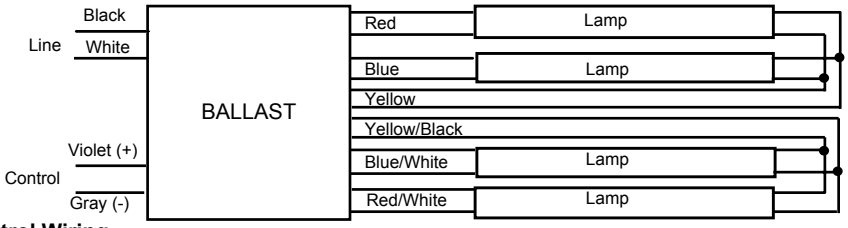
Length:	16.4"
Width:	2.4"
Height:	1.5"
Weight:	3lbs
Carton Qty:	6
Lead Length:	White, Black 25" (± 1")
	Red, Blue,Red/Wht, Blue/Wht 33" (± 1")
	Yellow, Yellow/ Black 51" (± 1")
	Gray, Violet 33" (± 1")

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
  - 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%.