Universal Lighting Technologies

BallaSTAR®

THE VARIABLE LIGHT OUTPUT ELECTRONIC BALLAST

B232SR347V5

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency dimming electronic ballast for (2) F32T8, (2) F25T8 lamps. Also equivalent U-shaped lamps.

- Line Voltage: 347vac, ±10%, 60Hz
- Series 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
347	**F32T8@100%**	**2**	**62**	**0.18**	**>.99**	**.88**	**1.42**	**< 10%**	**<1.7**
347	**F32T8@5%**	**2**	**13**	**0.04**	**>.90**	**.05**	**0.38**	**< 15%**	**<1.7**
347	**F25T8@100%**	**2**	**47**	**0.14**	**>.99**	**.93**	**1.98**	**< 10%**	**<1.7**
347	**F25T8@5%**	**2**	**12**	**0.04**	**>.90**	**.05**	**0.42**	**< 15%**	**<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 ICES-005 for EMI and RFI

Safety:
- No PCB's
- 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 circuit for control circuit**

Physical Parameters:

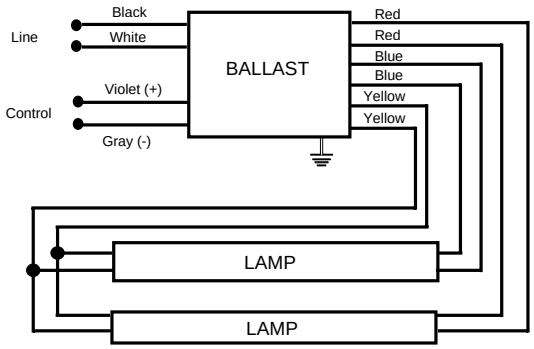
Length:	9 1/2"
Width:	2 3/8"
Height:	1 5/8"
Weight:	2.3 lbs.
Carton Qty:	10
Lead Length:	White, Black 25" (± 1")
	Red, Blue 33" (± 1")
	Yellow 51" (± 1")
	Gray, Violet 33" (± 1")

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
  - 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

Control Wiring
• Use Violet (+) & Gray (-) for connection to 0 to 10 vDC Ballast protected if line voltage is applied.



Ballast Case Must be Grounded

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