Universal Lighting Technologies

Ballastar®

THE VARIABLE LIGHT OUTPUT ELECTRONIC BALLAST

B132R347V5

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency dimming electronic ballast for (1) F32T8 or (1) F25T8 lamp.
Also equivalent U-shaped lamps.

• Line Voltage: 347vac, ±10%, 60Hz • 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%**	**1**	**32**	**0.09**	**>.99**	**.88**	**2.75**	**< 10%**	**<1.6**
347	**F32T8@5%**	**1**	**8**	**0.02**	**>.90**	**.05**	**0.63**	**< 20%**	**<1.7**
347	**F25T8@100%**	**1**	**26**	**0.08**	**>.99**	**.90**	**3.46**	**< 10%**	**<1.6**
347	**F25T8@5%**	**1**	**7**	**0.02**	**>.90**	**.05**	**0.71**	**< 30%**	**<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:	Red, Blue 33" (± 1")
	White, Black/White 25" (± 1")
	Gray, Violet 33" (± 1")

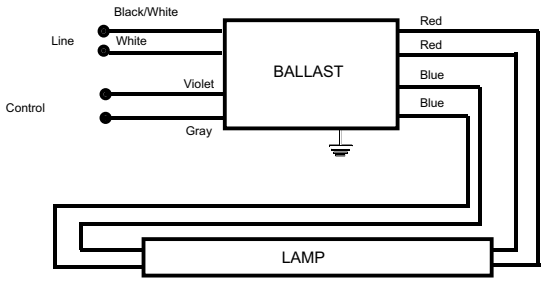
Warranty:
Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use.

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

Energy Engineered™

Manufactured in USA

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%.