

# ESB432-14

## APPLICATION and PERFORMANCE SPECIFICATION

Electronic ballast for 4, 3, 2 and 1 T12HO lamps up to 8ft long or any combination thereof from 4-32 ft.  
 Electronic ballast for 4, 3, 2 and 1 T8HO lamps up to 6ft long or any combination thereof from 4-24 ft.  
 Electronic ballast for use with T12HO/T8HO lamps or any combination of lamps in circuit as long as total length per circuit does not exceed 7ft for T12HO/5ft for T8HO.

- Line Voltage: 120 - 277 vac,  $\pm 10\%$ , 50/60Hz
  - Parallel Lamp Operation
  - Instant Start
  - Active Power Factor Correction
- \*60 Hz data

Lamp Type	Lamp #	Lamp Footage		Volts	Max Input Power (Watts)	Nominal Line Current (Amps)	Power Factor	Harmonic Total	Crest Factor
		Min	Max						
T12HO	4,3,2,1	4	32	120	280	2.34	>.90	<10%	<1.7
T12HO	4,3,2,1	4	32	277	274	0.99	>.90	<10%	<1.7
T8HO	4,3,2,1	4	24	120	257	2.14	>.90	<10%	<1.7
T8HO	4,3,2,1	4	24	277	250	0.90	>.90	<10%	<1.7

Application and Performance Specification Information Subject to Change without Notification.  
 Power factor >.85 for 4-5ft applications, THD <20% for 4-12ft applications

### Performance:

- Meets ANSI Standard C82.11-1993
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits

### Safety:

- No PCB's
- cUL<sub>US</sub> Listed (Class P, Type HL, Type 2 Outdoor)
- CSA Listed

### Application:

- Minimum Starting Temperature: -20° F, -29° C
- Maximum Case Temperature: 176° F, 80° C
- Sound Rated: A

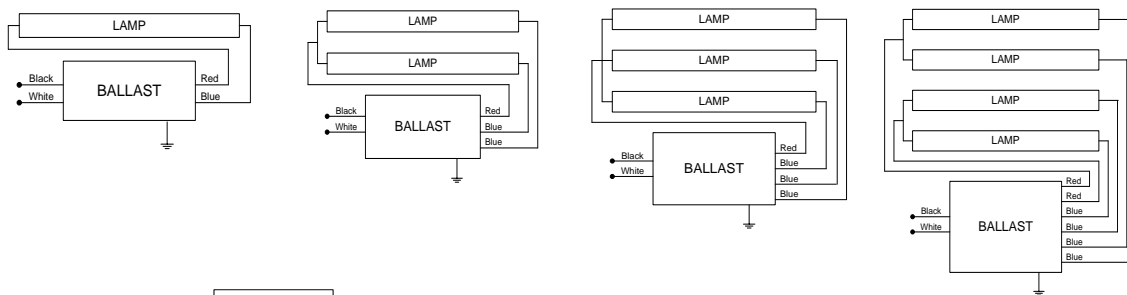
### Physical Parameters:

- Length: 14.31"
- Width: 3.24"
- Height: 2.67"
- Weight: 7.4 lbs
- Carton Quantity: 1 piece
- Lead length: Black, White 24" ( $\pm 1$ )  
Red, Blue 120" ( $\pm 1$ )

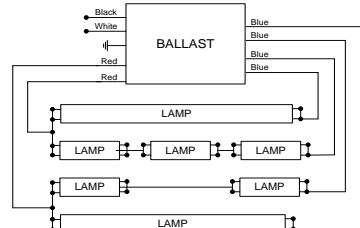
### Warranty:

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 4 years from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

### Manufactured in North America



**For 3-lamp, 2-lamp and 1-lamp application individually cap red and blue leads**



**Multiple Lamp Application**