

# ESB216-12

## APPLICATION and PERFORMANCE SPECIFICATION

Electronic ballast for (2/1) T12HO lamps up to 8ft long or any combination thereof from 2-16 ft.  
 Electronic ballast for (2/1) T8HO lamps up to 6ft long or any combination thereof from 4-12 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 to 277 vac,  $\pm 10\%$ , 50/60Hz
- Parallel Lamp Operation
- Instant Start Operation
- Active Power Factor Correction

\*60 Hz data

Lamp Type	Lamp #	Lamp Footage		Volts	Max Input Power (Watts)	Nominal Line Current (Amps)	Power Factor	THD	Crest Factor
		Min	Max						
T12HO	2,1	2	16	120	134	1.12	>.90	<10%	<1.7
T12HO	2,1	2	16	277	130	0.47	>.90	<10%	<1.7
T8HO	2,1	4	12	120	125	1.04	>.90	<10%	<1.7
T8HO	2,1	4	12	277	121	0.44	>.90	<10%	<1.7

Application and Performance Specification Information Subject to Change without Notification.

Power factor >.80 and THD <25% for 2ft application, THD <15% for 3-4ft applications

### Performance:

- Meets FCC Part 18 (Class A) for EMI and RF 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

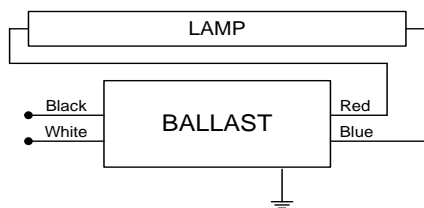
### Physical Parameters:

- Length: 11.75"
- Width: 3.24"
- Height: 1.78"
- Weight: 4.2 lbs
- Carton Quantity: 1 piece
- Lead length: Black, White 24" ( $\pm 1"$ )  
Red, Blue 120" ( $\pm 1"$ )

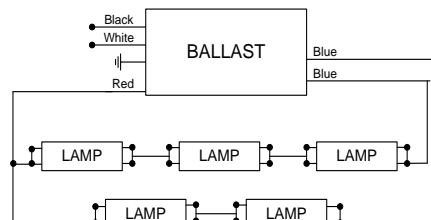
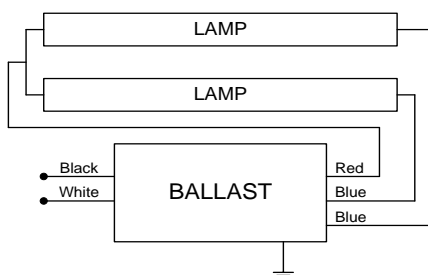
### Warranty:

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 1-lamp application, cap blue lead



Multiple Lamp Application