

# ESB848-46

## APPLICATION and PERFORMANCE SPECIFICATION

Electronic ballast for (6/5/4) T12HO lamps up to 8ft long or any combination thereof from 8-48 ft.  
 Electronic ballast for (6/5/4) T8HO lamps up to 6ft long or any combination thereof from 16-36 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. Not to be used with less than 4 circuits.

- Parallel Lamp Operation
- Active Power Factor Correction

\*60 Hz data

Lamp		Lamp Footage		Volts	Max Input Power (Watts)	Nominal Line Current (Amps)	Power Factor	THD	Crest Factor
Type	#	Min	Max						
T12HO	6,5,4	8	48	120	420	3.50	>.99	<10%	<1.7
T12HO	6,5,4	8	48	277	415	1.50	>.97	<10%	<1.7
T8HO	6,5,4	16	36	120	380	3.17	>.99	<10%	<1.7
T8HO	6,5,4	16	36	277	380	1.37	>.96	<10%	<1.7

Application and Performance Specification Information Subject to Change without Notification.

**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

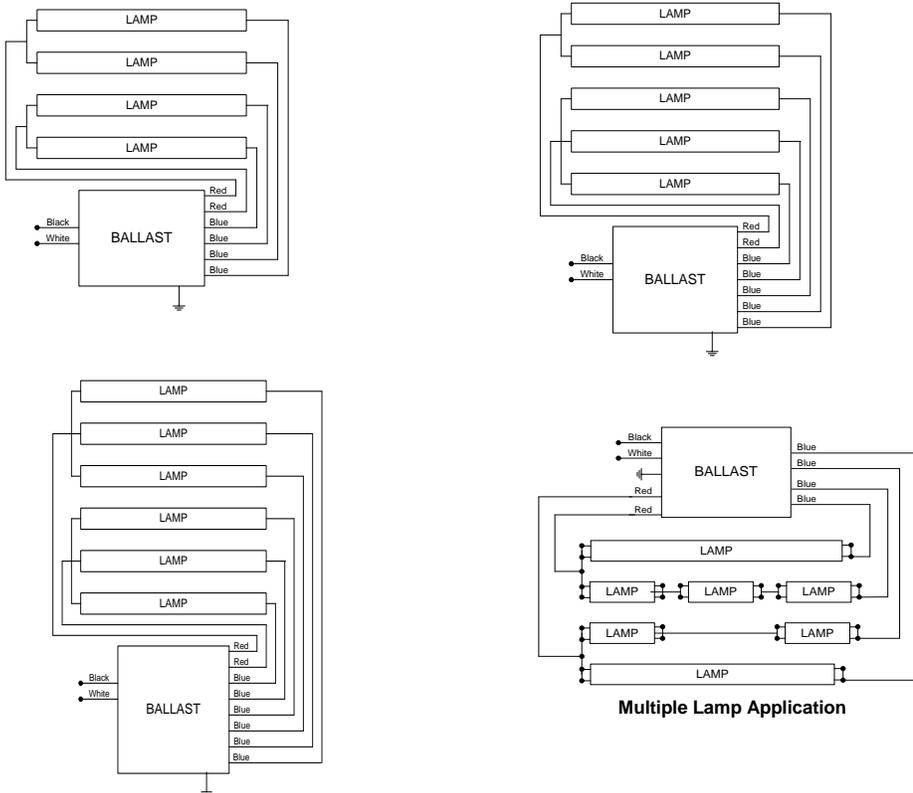
**Physical Parameters:**

- Length: 16.68"
- Width: 3.24"
- Height: 2.67"
- Weight: 9.7 lbs
- Carton Quantity: 1 piece
- Lead length: White, Black 24" (± 1")  
Red, Blue 120" (± 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 5-lamp and 4-lamp applications, individually cap blue leads