

ESR2048-46

APPLICATION and PERFORMANCE SPECIFICATION

Electronic ballast for (6/5/4) T12HO lamps up to 8ft long. 20 feet to 48 feet total length.

Electronic ballast for (6/5/4) T8HO lamps up to 6ft long. 24 feet to 36 feet total length.

- Line Voltage: 120 to 277 vac, $\pm 10\%$, 50/60Hz
- Series Lamp Operation
- Rapid Start 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	20	48	120	425	3.50	>.90	<10%	<1.7
T12HO	6,5,4	20	48	277	415	1.50	>.90	<10%	<1.7
T8HO	6,5,4	24	36	120	380	3.16	>.90	<10%	<1.7
T8HO	6,5,4	24	36	277	372	1.34	>.90	<10%	<1.7

Application and Performance Specification Information Subject to Change without Notification.

THD < 15% @ 277volts 42ft and under.

Performance:

- Meets ANSI Standard C82.11-2011
- Meets ANSI Standard C62.41-2002
- Meets FCC Part 18 (Class A) for EMI and RFI non-consumer limits

Safety:

- No PCB's
- cUL_{US} Listed (Class P, Type HL, Type 2 Outdoor)
- cCSAus Listed

Application:

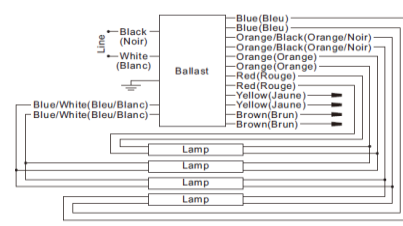
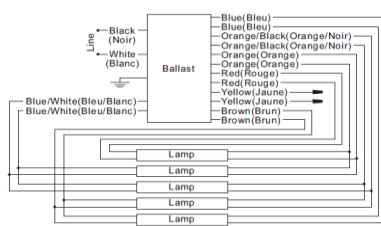
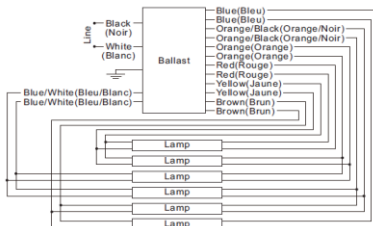
- Minimum Starting Temperature: -20° F, -29° C
- Energy Saving Lamps: 60° F, 16° C
- Maximum Case Temperature: 176° F, 80° C
- Sound Rated: A

Physical Parameters:

- Length: 16.7"
- Width: 3.15"
- Height: 1.2"
- Weight: 4.85 lbs
- Carton Quantity: 1 piece
- Lead length: Black, White 25" ($\pm 1"$)
Red, Blue, Yellow, Orange 72" ($\pm 1"$)
Blue/ White, Brown, Orange/ Black 72" ($\pm 1"$)

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.



For five lamp operation, individually cap yellow leads. Insulate to 600Volts

For two lamp operation, individually cap brown and yellow leads. Insulate to 600Volts

**Ballast case must be grounded.
Manufactured in China.**

