

ESR416-12

APPLICATION and PERFORMANCE SPECIFICATION

Electronic ballast for (2/1) T12HO lamps up to 8ft long. 4 feet to 16 feet total length.

Electronic ballast for (2/1) T8HO lamps up to 6ft long. 4 feet to 12 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	2,1	4	16	120	142	1.18	>.90	<10%	<1.7
T12HO	2,1	4	16	277	139	0.50	>.90	<10%	<1.7
T8HO	2,1	4	12	120	129	1.07	>.90	<10%	<1.7
T8HO	2,1	4	12	277	128	0.46	>.90	<10%	<1.7

Application and Performance Specification Information Subject to Change without Notification.

Power Factor < 90% @ 277volts 5ft 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)
- cCSA_{US} Listed

Application:

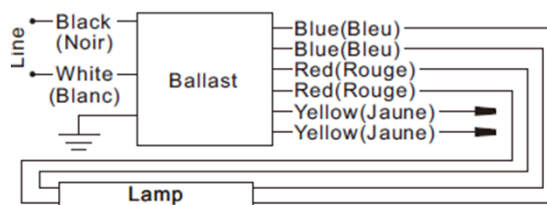
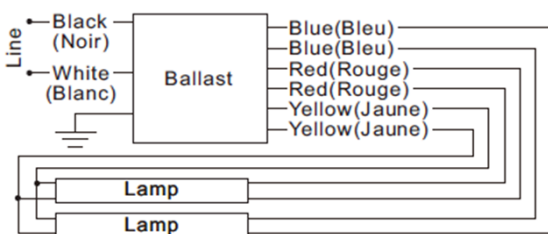
- Minimum Starting Temperature: -20° F, -29° C
- Energy Saving Lamps: 60° F, 16° C
- Maximum Case Temperature: 176° F, 80° C
- Sound Rated: A

Physical Parameters:

- Length: 11.75"
- Width: 1.7"
- Height: 1.2"
- Weight: 2.0 lbs
- Carton Quantity: 1 piece
- Lead length: Black, White 25" ($\pm 1"$)
Red, Blue 46" ($\pm 1"$)
Yellow 70" ($\pm 1"$)

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

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

