

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, ±10%, 50/60Hz

Series Lamp Operation

Rapid Start Operation

Active Power Factor Correction

*60 Hz data

Lamp		Lamp Footage		Volts	Max Input	Nominal			
					Power	Line Current	Power	THD	Crest
Туре	#	Min	Max		(Watts)	(Amps)	Factor		Factor
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

 $\label{thm:location} \mbox{Application and Performance Specification Information Subject to Change without Notification.}$

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

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

Safetv:

- · No PCB's
- _CUL_{US} Listed (Class P, Type HL, Type 2 Outdoor)
- CSA_{US} Listed

Physical Parameters:

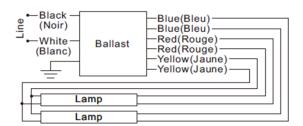
Length: 11.75"
 Width: 1.7"
 Height: 1.2"
 Weight: 2.0 lbs
 Carton Quantity: 1 piece

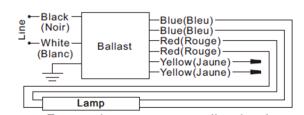
• Lead length: Black, White 25" (± 1")

Red, Blue 46" (± 1") Yellow 70" (± 1")

Warranty:

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in materialor 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.

