



AB2-39-PS-UNV

Universal Voltage Electronic T5HO Ballast Program Start Series Lamp Operation

TWO LAMP OPERATION				
Lamp Type	F39T5HO	F24T5HO	FT40BX	
Rated Lamp Watts	39	24	40	
Ballast Factor	100	102	107	
Input Power (W)	82/81	51/50	99/96	
Input Current (A) @120V	0.72	0.45	0.84	
Input Current (A) @277V	0.30	0.19	0.35	
Power Factor	99/99	99/99	99/98	
THD	<10%	<10%	<10%	
Ballast Efficacy Factor	1.22/1.25	2.00/2.04	1.08/1.11	
ONE LAMP OPERATION				
Lamp Type	F39T5HO	F24T5HO	F4T0BX	FC9T5
Rated Lamp Watts	39	24	40	22
Ballast Factor	106	112	100	104
Input Power (W)	43/43	30/30	52/51	31/31
Input Current (A) @120V	0.40	0.24	0.45	0.27
Input Current (A) @277V	0.18	0.11	0.19	0.12
Power Factor	99/97	99/94	99/98	99/95
THD	<10%	<15%	<15%	<10%
Ballast Efficacy Factor	2.47/2.47	3.73/3.73	1.85/1.89	3.35/3.35

BALLAST SPECIFICATIONS

- Ballast shall have a five-year warranty.
- Ballast shall be UL certified for the U.S. and Canada.
- Ballast shall be RoHs compliant.
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-Cat A.
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 40 KHz.
- Ballast shall have a 0°F minimum lamp starting temperature.
- Ballast shall be potted.
- Ballast shall be Program Start
- Ballast shall be marked Type "CC" and Type "HL" for hazardous locations.
- Ballast shall be Series Lamp Operation
- Ballast shall have EOL (end of life) protection.
- Ballast shall have minimum Power Factor of 98% for primary lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 50/60 Hz.
- Ballast shall have a maximum case hot spot temperature of 90°C.

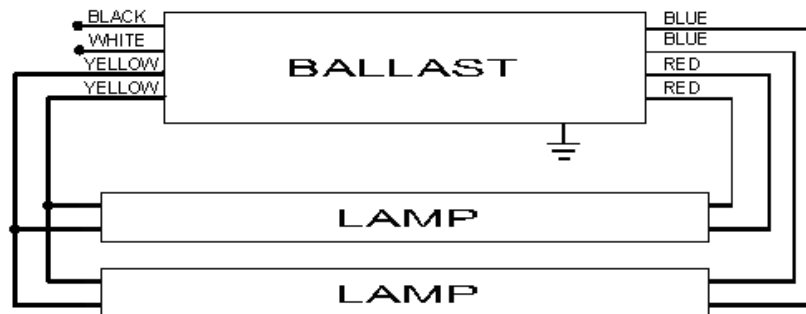
AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538
1-888-313-8188 Fax: (251) 345-7573 Email: info@americanballast.com

Revision Date: 04/20/2011

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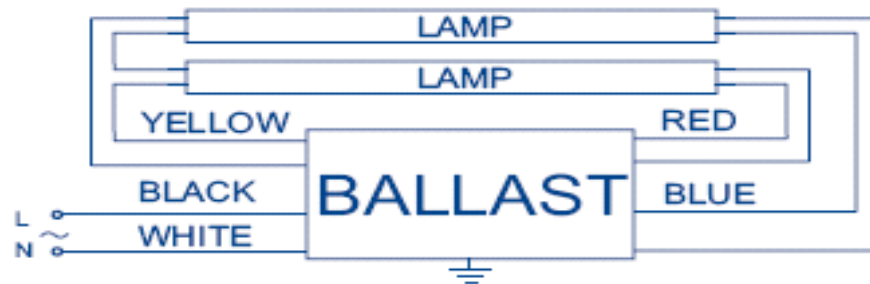
WIRING DIAGRAMS

TWO LAMP (Parallel Yellow Cathode) OPERATION

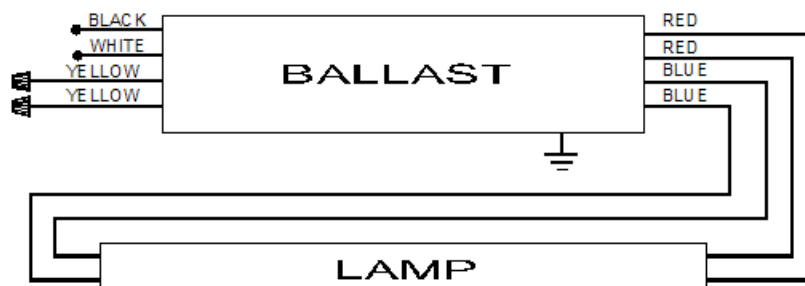


TWO LAMP (Series Yellow Cathode) OPERATION

FIG.1



ONE LAMP OPERATION



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BALLAST DIMENSIONS

