



Electronic Compact Fluorescent Ballast Program Start Series Lamp Operation

TWO LAMP OPERATION			
Lamp Type	CFQ13	CFS10	CFS16
Lamp Style	Quad	2D	2D
Rated Lamp Watts	13	10	16
Ballast Factor	0.98	1.02	0.95
Input Power (W)	32	26	33
Input Current (A) @120V	0.27	0.22	0.28
Input Current (A) @277V	0.12	0.10	0.12
Power Factor	0.99	0.95	0.99
THD	<10%	<10%	<10%
Ballast Efficacy Factor	3.06	3.92	2.88

ONE LAMP OPERATION			
Lamp Type	CFQ13	CFS10	CFS16
Lamp Style	Quad	2D	2D
Rated Lamp Watts	13	10	16
Ballast Factor	1.00	1.02	0.95
Input Power (W)	18	15	19
Input Current (A) @120V	0.15	0.12	0.15
Input Current (A) @277V	0.07	0.06	0.07
Power Factor	0.98	0.95	0.98
THD	<10%	<10%	<10%
Ballast Efficacy Factor	5.56	6.80	5.00

BALLAST SPECIFICATIONS

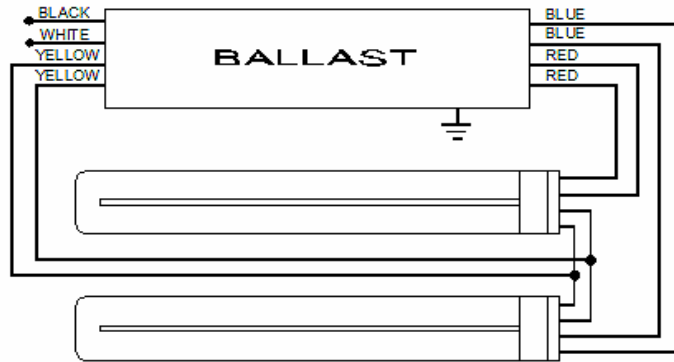
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 40kHz.
- Ballast shall have a 0°F minimum lamp starting temperature.
- Ballast shall be potted.
- Ballast shall be Program Start
- Ballast shall be Series Lamp Operation
- Ballast shall start and operate lamps from a remote distance of 12 feet.
- Ballast shall have minimum Power Factor of 0.98 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

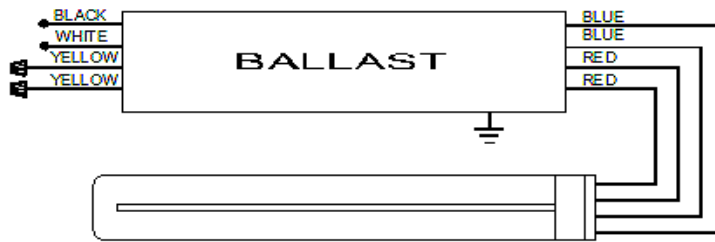
AB2-13-PS-UNV1

WIRING DIAGRAMS

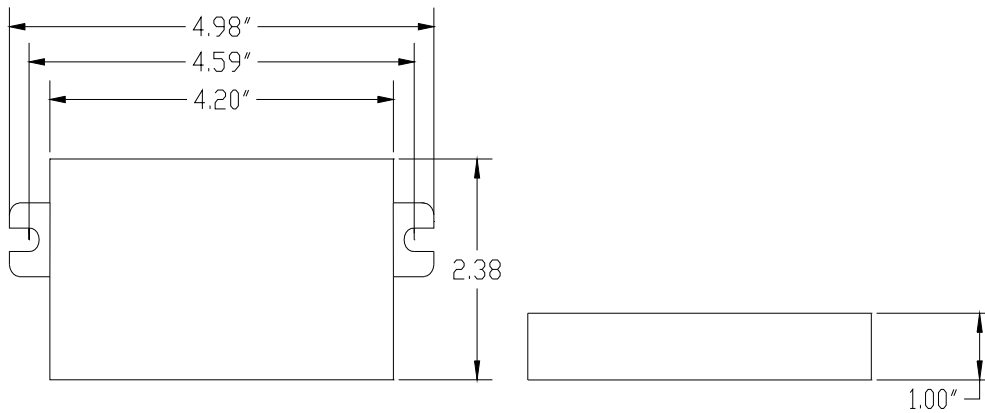
TWO LAMP OPERATION



ONE LAMP OPERATION



BALLAST DIMENSIONS:



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

Revision Date: 06/07/2011