



## AB4-32-PS-UNV

### Universal Input Voltage 120V to 277V Program Rapid Start Ballast

FOUR LAMP OPERATION							
Lamp Type	F32T8	F32T8/ES	FB31T8	F25T12	F25T8	FB24T8	F17T8
Rated Lamp Watts	32	32	31	25	25	24	17
Ballast Factor	87	88	88	92	89	89	92
Input Power (W)	123	105	109	95	90	90	62
Input Current (A) 120V	1.20	0.90	0.93	0.80	0.76	0.76	0.52
Input Current (A) 277V	0.40	0.39	0.41	0.35	0.32	0.33	0.23
Power Factor	.98	.99	.99	.99	.99	.99	.97
THD	<10%	<10%	<10%	<10%	<10%	<10%	<20%
Ballast Efficacy Factor	0.71	0.84	0.81	0.97	0.99	0.99	1.48
THREE LAMP OPERATION							
Lamp Type	F32T8	F32T8/ES	F40T8	FB31T8	F25T12	F25T8	FB24T8
Rated Lamp Watts	32	32	40	31	25	25	24
Ballast Factor	97	97	94	97	1.01	99	99
Input Power (W)	93	90	112	93	82	74	74
Input Current (A) 120V	0.79	0.75	0.94	0.78	0.68	0.64	0.64
Input Current (A) 277V	0.35	0.33	0.48	0.34	0.30	0.28	0.28
Power Factor	.99	.99	.99	.99	.98	.97	.97
THD	<10%	<10%	<10%	<10%	<10%	<20%	<20%
Ballast Efficacy Factor	1.04	1.08	0.84	1.04	1.23	1.34	1.34

### BALLAST SPECIFICATIONS

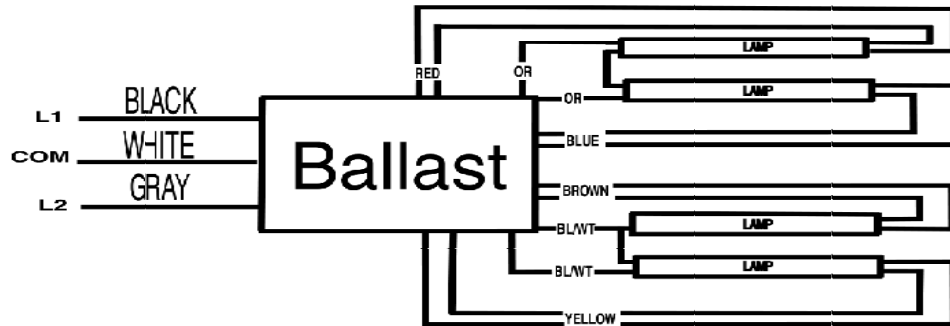
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified for the U.S. and Canada.
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 40 kHz.
- Ballast shall have a 0°F minimum lamp starting temperature.
- Ballast shall be potted.
- Ballast shall be Program Rapid Start
- Ballast shall be Series Lamp Operation
- 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  
888-313-8188 Fax: (251) 345-7573 Email: [info@americanballast.com](mailto:info@americanballast.com)

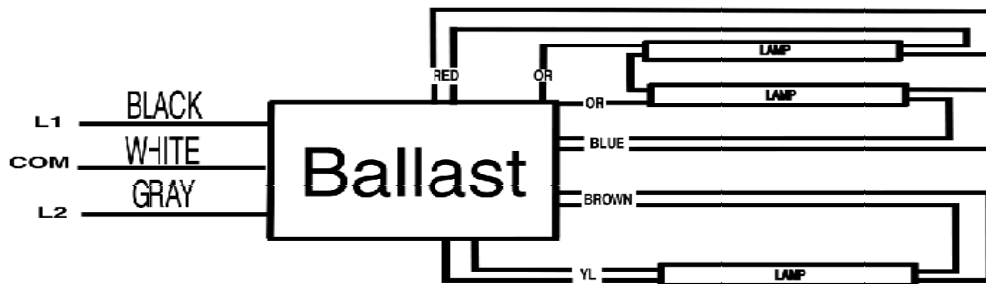
Revision Date: 05-20-2011

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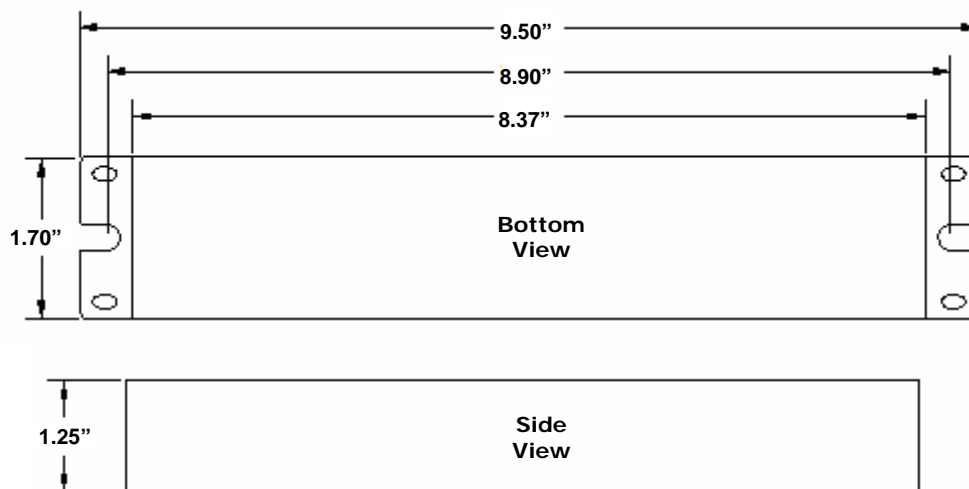
## WIRING DIAGRAMS FOUR LAMP OPERATION



## THREE LAMP OPERATION



## BALLAST DIMENSIONS



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