



## AB2-96HO-RS-277

### 277V High Output Electronic Ballast Rapid Start Series lamp operation

<b>TWO LAMP OPERATION</b>					
Lamp Type	F96T12HO	F96T12HOES	F72T12HO	F60T12HO	F48T12HO
Rated Lamp Watts	110	95	85	75	60
Ballast Factor	90	89	90	96	99
Input Power (W)	200	169	153	144	119
Input Current (A)	0.69	0.57	0.60	0.53	0.48
Power Factor	.99	.99	.98	.98	.98
THD	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	0.450	0.526	0.588	0.667	0.832
<b>ONE LAMP OPERATION</b>					
Lamp Type	F96T12HO	F96T12HOES	F72T12HO	F60T12HO	F48T12HO
Rated Lamp Watts	110	95	85	75	60
Ballast Factor	103	103	105	108	112
Input Power (W)	113	108	85	81	67
Input Current (A)	0.45	0.37	0.39	0.35	0.31
Power Factor	.99	.99	.98	.98	.98
THD	<10%	<15%	<15%	<15%	<15%
Ballast Efficacy Factor	0.912	0.953	1.235	1.330	1.672

### BALLAST SPECIFICATIONS

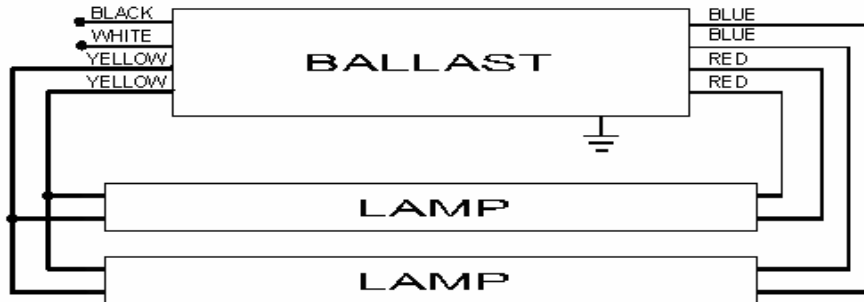
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified
- Ballast shall be sound rated Class A.
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C Class A
- Ballast shall have a lamp operating frequency greater than 20kHz.
- Ballast shall have a -20°F minimum lamp starting temperature for primary lamp.
- Ballast shall be potted.
- Ballast shall be Rapid Start
- Ballast shall be Series Lamp Operation
- Ballast shall have minimum Power Factor of 99% for primary lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 60 Hz.
- Ballast shall have a maximum case hot spot temperature of 85 Celsius.

**AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538**  
**1-888-313-8188 Fax: (510) 445-1678 Email: [info@americanballast.com](mailto:info@americanballast.com)**

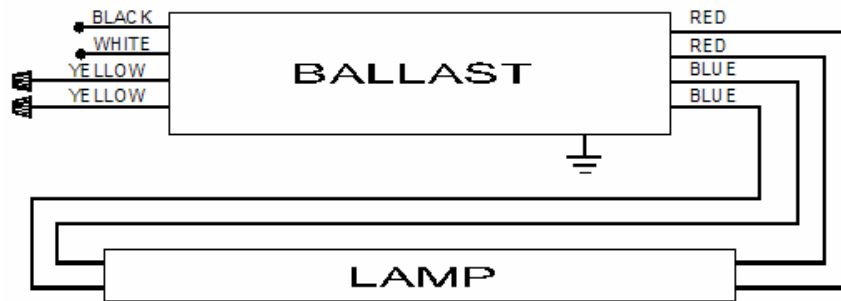
# AB2-96HO-RS-277

## WIRING DIAGRAMS

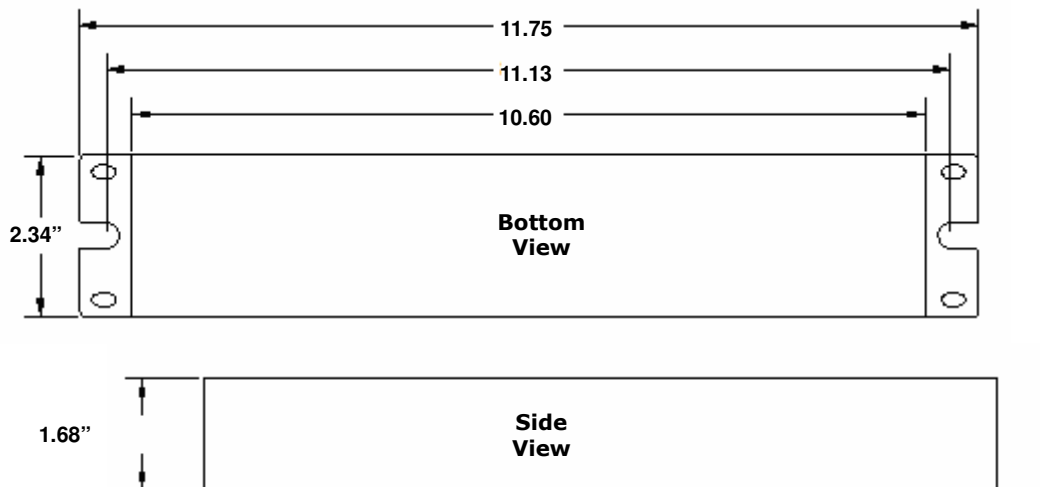
### TWO LAMP OPERATION



### ONE LAMP OPERATION



## BALLAST DIMENSIONS



**AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538**  
**1-888-313-8188 Fax: (510) 445-1678 Email: [info@americanballast.com](mailto:info@americanballast.com)**