



## AB2-59-IP-UNV

### Universal Voltage Electronic Ballast Instant Start Parallel lamp operation

Two Lamp Operation			
Lamp Type	F96T8	F96T8/ES	F72T8
Rated Lamp Watts	59	57	46
Ballast Factor	1.00	1.00	1.20
Input Power (W)	125	124	102
Input Current@120(A)	1.09	1.04	0.87
Input Current@277 (A)	0.46	0.44	0.37
Power Factor	.98	.98	.98
THD	<10%	<10%	<10%
Ballast Efficacy Factor	0.79	0.81	1.18
One Lamp Operation			
Lamp Type	F96T8	F96T8/ES	F72T8
Rated Lamp Watts	59	57	46
Ballast Factor	1.18	1.18	1.25
Input Power (W)	75	72	60
Input Current@120 (A)	0.62	0.59	0.49
Input Current@277 (A)	0.26	0.25	0.21
Power Factor	.98	.98	.98
THD	<10%	<10%	<10%
Ballast Efficacy Factor	1.57	1.57	2.08

### BALLAST SPECIFICATIONS

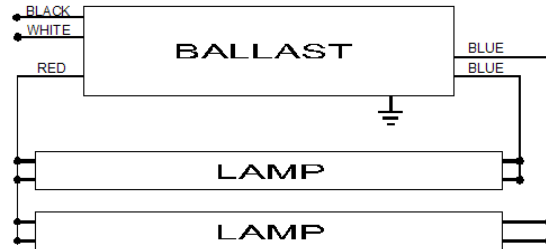
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified for the U.S. and Canada.
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 20kHz.
- Ballast shall have a 0°F minimum lamp starting temperature.
- Ballast shall be potted.
- Ballast shall be Instant Start
- Ballast shall be Parallel 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 Celsius.

**AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538**  
**1-510-445-0100 Fax: (510) 445-1678 Email: [info@americanballast.com](mailto:info@americanballast.com)**

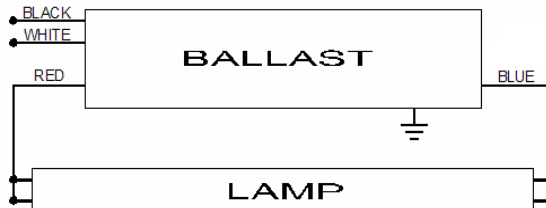
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## WIRING DIAGRAMS

### TWO LAMP OPERATION



### ONE LAMP OPERATION



## BALLAST DIMENSIONS

