



Standard Electronic Biax Ballast Program Start Series Lamp Operation

TWO LAMP OPERATION		
Lamp Type	FT40T5	FT36T5
Rated Lamp Watts	40	36
Ballast Factor	1.00	1.02
Input Power (W)	75	70
Input Current (A) @120V	0.53	0.59
Input Current (A) @277V	0.23	0.26
Power Factor	>.99	>.98
THD	<10%	<10%
Ballast Efficacy Factor	1.33	1.46

ONE LAMP OPERATION		
Lamp Type	FT40T5	FT36T5
Rated Lamp Watts	40	36
Ballast Factor	1.00	1.02
Input Power (W)	42	36
Input Current (A) @120V	0.35	0.31
Input Current (A) @277V	0.15	0.13
Power Factor	98%	98%
THD	<10%	<10%
Ballast Efficacy Factor	2.50	2.83

BALLAST SPECIFICATIONS

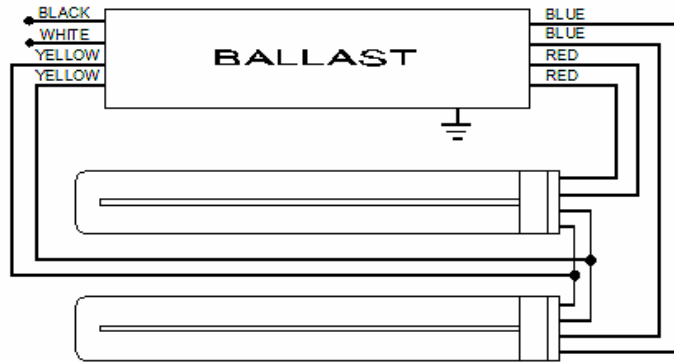
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified.
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 40 KHz.
- 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 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.

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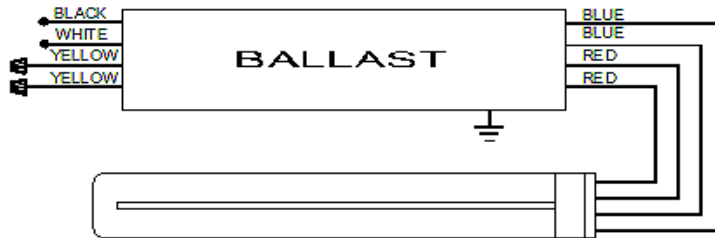
AB2-40-PS-UNV-BX

WIRING DIAGRAMS

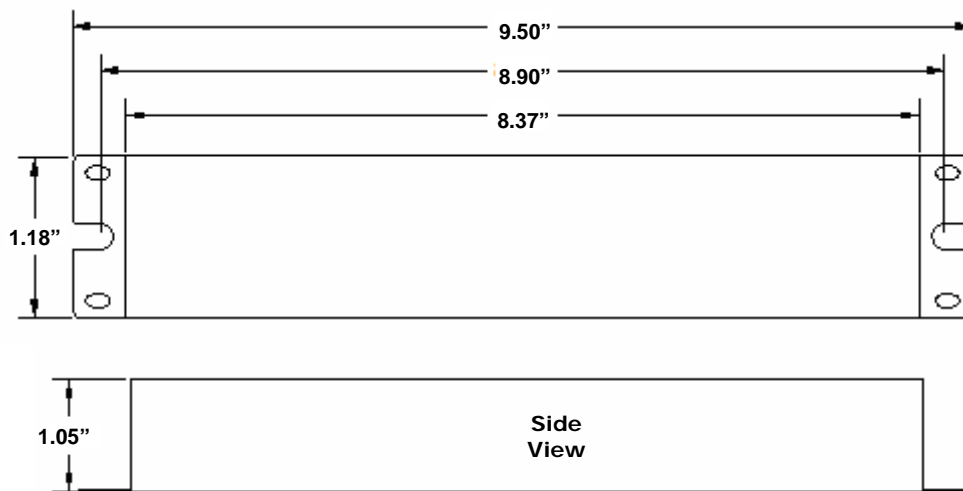
TWO LAMP OPERATION



ONE LAMP OPERATION



BALLAST DIMENSIONS



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