



AB2-28-PS-UNV-1

Standard Electronic T5 Ballast Program Start Series Lamp Operation

TWO LAMP OPERATION			
Lamp Type	F28T5	F21T5	F14T5
Rated Lamp Watts	28	21	14
Ballast Factor	1.00	1.00	1.03
Input Power (W)	66	49	34
Input Current (A) @120V	0.55	0.41	0.28
Input Current (A) @277V	0.23	0.18	0.13
Power Factor	.99	.98	.98
THD	<10%	<10%	<10%
Ballast Efficacy Factor	1.52	2.04	2.94

ONE LAMP OPERATION				
Lamp Type	F14T5	F21T5	F28T5	F35T5
Rated Lamp Watts	14	21	28	35
Ballast Factor	1.05	1.03	1.00	1.00
Input Power (W)	18	25	33	40
Input Current (A) @120V	0.15	0.21	0.28	0.34
Input Current (A) @277V	0.07	0.10	0.12	0.15
Power Factor	.98	.98	.98	.98
THD	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	5.83	4.12	3.03	2.50

BALLAST SPECIFICATIONS

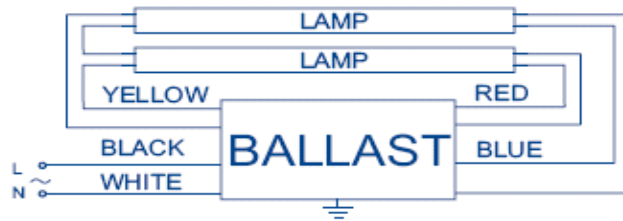
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified for the U.S. and Canada.
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991.
- Ballast shall comply with 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 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 50/60 Hz.
- Ballast shall have a maximum case hot spot temperature of 90°C.
- Ballast shall have EOL(end of life) protection.

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WIRING DIAGRAMS TWO LAMP OPERATION

FIG.1

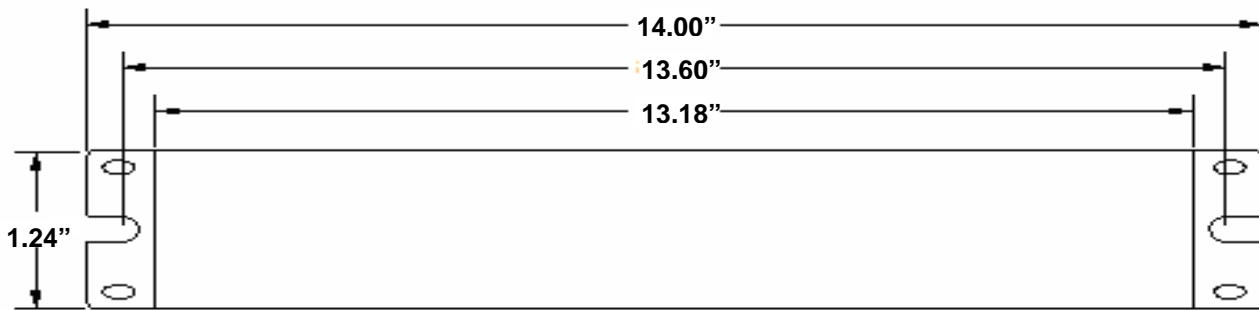


ONE LAMP OPERATION

FIG.2



BALLAST DIMENSIONS



LEAD LENGTHS

BLACK/WHITE	28"
RED	33"
BLUE	33"
YELLOW	36"

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