



AB2-54-PS-UNV-1

Standard Electronic T5HO Universal Voltage Ballast Program Rapid Start Series Lamp Operation

TWO LAMP OPERATION					
Lamp Type	F54T5HO	F54T5HO/ES	F54T5HO/ES	FT50T5	FT55T5
Rated Lamp Watts	54	51	49	50	55
Ballast Factor	100	100	100	108	90
Input Power (W)	120	114	111	118	112
Input Current (A) @120V	1.12	1.02	0.99	0.99	0.94
Input Current (A) @277V	0.39	0.44	0.43	0.43	0.41
Power Factor	.98	.98	.98	.98	.98
THD	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	0.83	0.88	0.90	0.92	0.80
ONE LAMP OPERATION					
Lamp Type	F54T5HO	F54T5HO/ES	F54T5HO/ES	FT50T5	FT55T5
Rated Lamp Watts	54	51	49	50	55
Ballast Factor	102	102	102	112	92
Input Power (W)	62	60	58	61	58
Input Current (A) @120V	0.52	0.51	0.50	0.51	0.49
Input Current (A) @277V	0.23	0.22	0.21	0.23	0.22
Power Factor	.98	.98	0.96	.98	.98
THD	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	1.65	1.70	1.76	1.84	1.59

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 of greater than 40kHz.
- Ballast shall have a -20°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 98% for primary lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 50/60 Hz.
- Ballast shall have EOL (End of Life) protection.
- Ballast shall have a maximum case hot spot temperature of 90°C.

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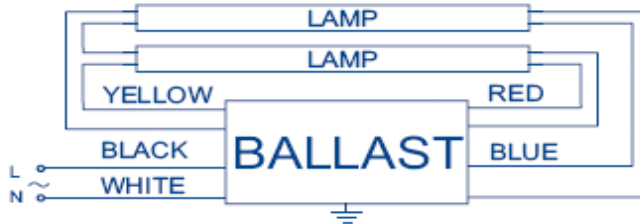
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WIRING DIAGRAMS

TWO LAMP OPERATION

FIG.1

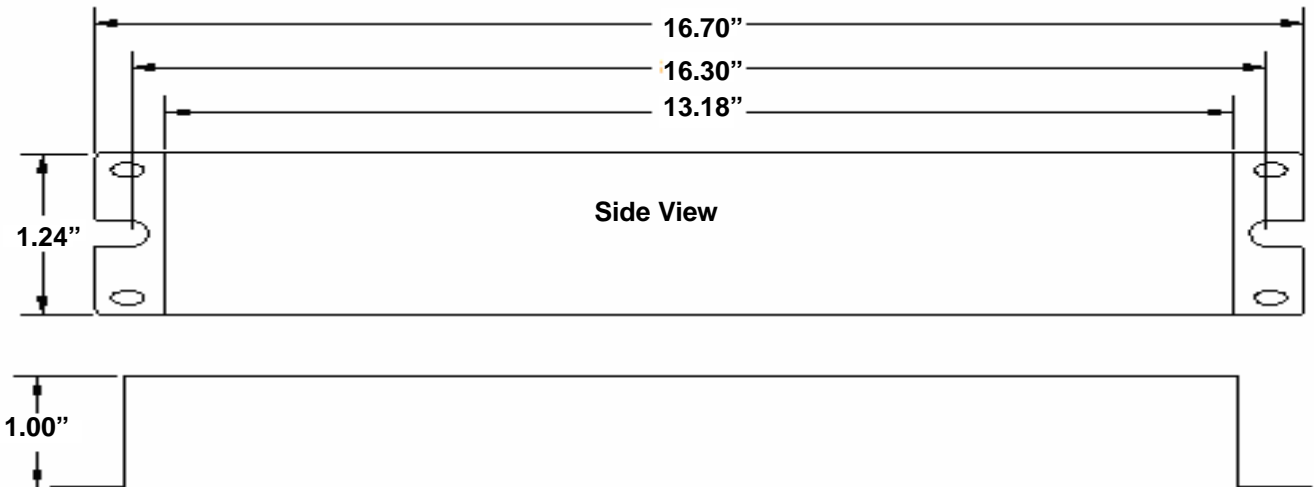


ONE LAMP OPERATION (Individually cap yellow leads)

FIG.2



BALLAST DIMENSIONS



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