



Electronic Compact Fluorescent Ballast Program Start Series Lamp Operation

TWO LAMP OPERATION							
Lamp Type	CFTR42	CFQ26 CFTR26	CFTR32	CFS28	CFS38	FC9T5	FC12T5
Lamp Style	Triple	Quad Triple	Triple	2D	2D	Circline	Circline
Rated Lamp Watts	42	26	32	28	38	22	40
Ballast Factor	98%	100%	98%	100%	80%	85%	85%
Input Power (W)	92	55	68	57	62	61	61
Line Current (A) @120V	0.78	0.46	0.57	0.48	0.55	0.51	0.51
Line Current (A) @277V	0.33	0.21	0.25	0.21	0.23	0.22	0.22
Power Factor	99%	98%	98%	98%	98%	98%	98%
THD Rating	<10%	<10%	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	1.07	1.82	1.44	1.75	1.29	1.39	1.39
ONE LAMP OPERATION							
Lamp Type	CFTR42		CFTR57		CFM70W		
Lamp Style	Triple		Triple		Multiple		
Rated Lamp Watts	42		57		70		
Ballast Factor	100%		100%		100%		
Input Power (W)	45		58		73		
Line Current (A) @120V	0.38		0.48		0.61		
Line Current (A) @277V	0.18		0.21		0.27		
Power Factor	93%		98%		98%		
THD Rating	<10%		<10%		<10%		
Ballast Efficacy Factor	2.22		1.72		1.37		

BALLAST SPECIFICATIONS

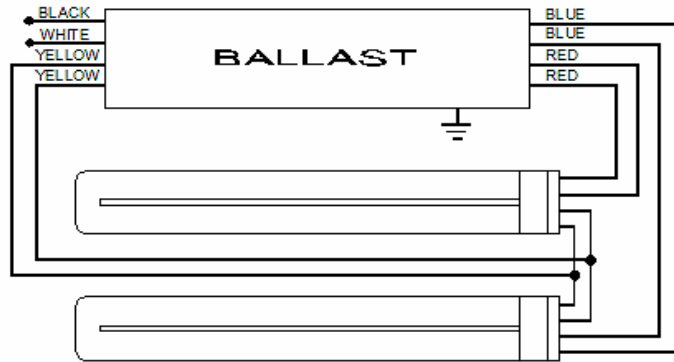
- Ballast shall have a five-year warranty.
- Ballast shall be UL certified
- Ballast shall be sound rated Class A.
- Ballast shall have a Lamp Current Crest Factor of <1.7.
- Ballast shall withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- Ballast shall have a lamp operating frequency greater than 40kHz.
- 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 start and operate lamps from a remote distance of 12 feet.
- Ballast shall have minimum Power Factor of 0.98 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.

AMERICAN BALLAST 47800 FREMONT BLVD, FREMONT, CA 94538
 1-888-313-8188 Fax: (251) 345-7573 Email: info@americanballast.com

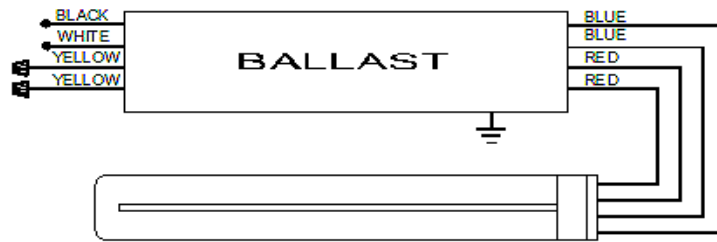
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WIRING DIAGRAMS

TWO LAMP OPERATION

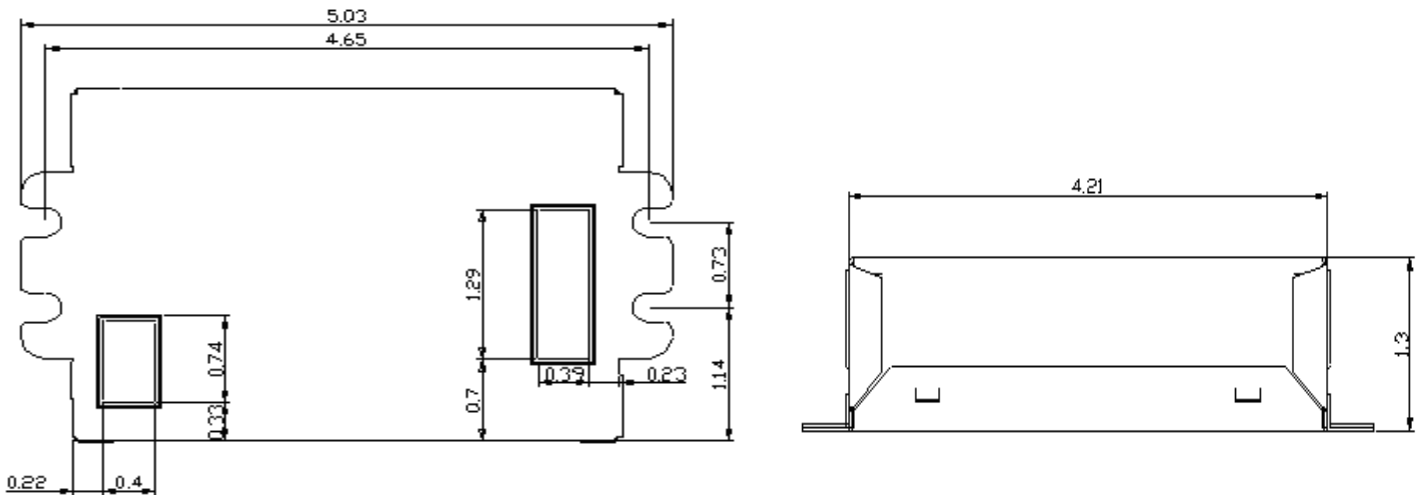


ONE LAMP OPERATION



BALLAST DIMENSIONS

Note: All dimensions are in inches.



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