



Electronic Compact Fluorescent Ballast Program Start Series Lamp Operation

TWO LAMP OPERATION		
Lamp Type	CFQ18	CFS21
Lamp Style	Quad	2D
Rated Lamp Watts	18	21
Ballast Factor	98%	95%
Input Power (W)	40	43
Input Current (A) @120V	0.34	0.37
Input Current (A) @277V	0.15	0.16
Power Factor	99%	98%
THD	<10%	<10%
Ballast Efficacy Factor	2.45	2.21

ONE LAMP OPERATION		
Lamp Type	CFQ18	CFS21
Lamp Style	Quad	2D
Rated Lamp Watts	18	21
Ballast Factor	100%	98%
Input Power (W)	22	24
Input Current (A) @120V	0.19	0.18
Input Current (A) @277V	0.08	0.08
Power Factor	98%	98%
THD	<10%	<10%
Ballast Efficacy Factor	4.55	4.08

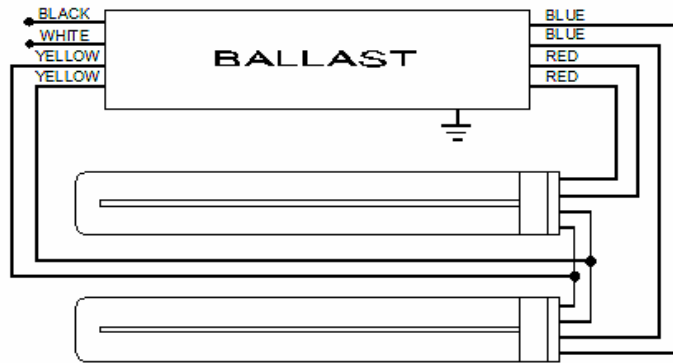
BALLAST SPECIFICATIONS

- 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.

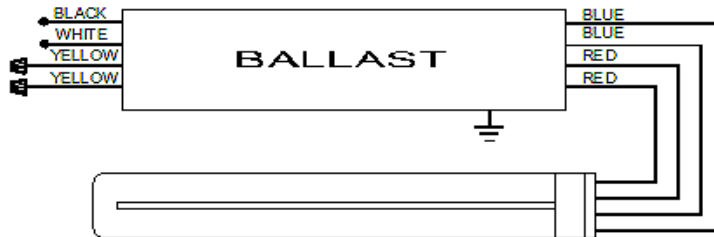
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WIRING DIAGRAMS

TWO LAMP OPERATION

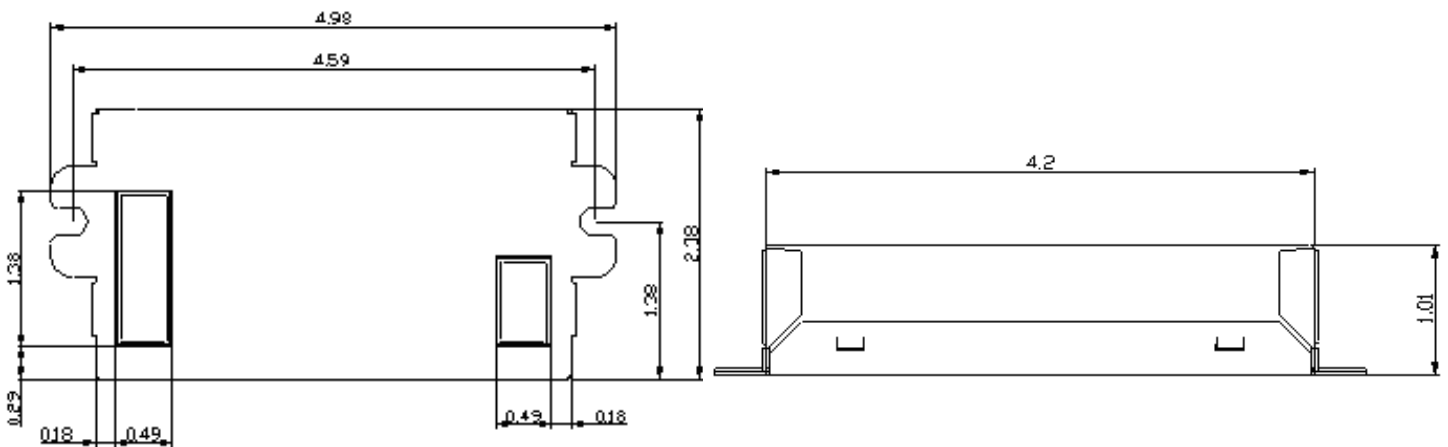


ONE LAMP OPERATION



BALLAST DIMENSIONS

Note: All dimensions are in inches.



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