



AB4-32-IP-120

120V Standard Electronic Instant Start Ballast Instant Start Parallel Lamp Operation

FOUR LAMP OPERATION								
Lamp Type	F32T8	F32T8/ES	FB31T8	F28T8	F25T12	F25T8	FB24T8	F17T8
Rated Lamp Watts	32	32	31	28	25	24	24	17
Ballast Factor	85	85	85	86	94	89	89	92
Input Power (W)	108	104	108	91	90	87	87	62
Input Current (A)	0.97	0.93	0.97	0.82	0.82	0.73	0.73	0.53
Power Factor	>.99	>.99	>.99	>0.99	>.98	>.98	>.98	>.98
THD	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
Ballast Efficacy Factor	0.79	0.82	0.79	0.95	1.04	1.02	1.02	1.48
THREE LAMP OPERATION								
Lamp Type	F40T8	F32T8	F32T8/ES	FB31T8	F28T8	F25T8	F17T8	
Rated Lamp Watts	40	32	32	31	28	24	17	
Ballast Factor	85	98	98	98	98	100	98	
Input Power (W)	108	93	90	93	78	74	55	
Input Current (A)	0.97	0.78	0.75	0.78	0.66	0.60	0.46	
Power Factor	>.99	>.99	>.99	>.99	>.99	>.98	>.98	
THD	<10%	<10%	<10%	<10%	<10%	<10%	<10%	
Ballast Efficacy Factor	0.79	1.05	1.09	1.05	1.26	1.35	1.78	

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 20kHz.
- Ballast shall have a 0°F minimum lamp starting temperature.
- Ballast shall be potted.
- Ballast shall be Instant Start
- Ballast shall be Parallel 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 60 Hz.
- Ballast shall have a maximum case hot spot temperature of 90°C.

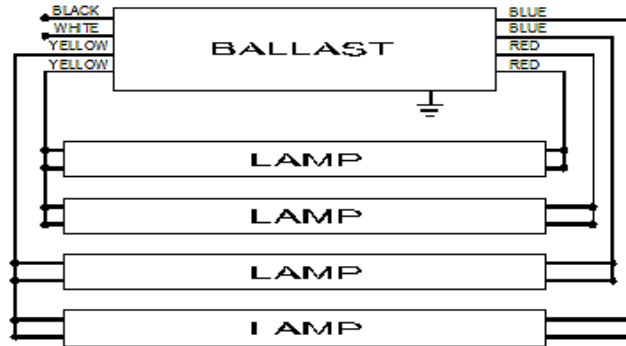
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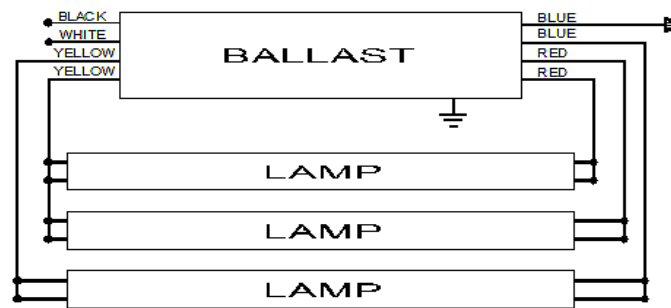
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WIRING DIAGRAMS

FOUR LAMP OPERATION



THREE LAMP OPERATION



BALLAST DIMENSIONS

