EP2/32PRS/MV/MC/HE

HOWARD LIGHTING PRODUCTS

7/21/2014

Electronic Fluorescent Ballast

Project:	
Catalog#:	
Approved by:	

2 Lamp
Standard Ballast Factor
Multi-volt
High Efficiency

T8 Programmed Rapid Start Series Lamp Operation

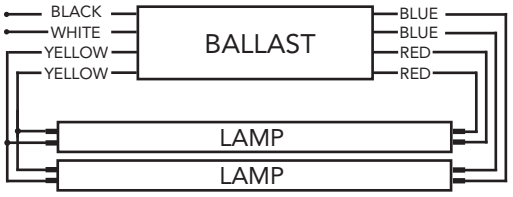
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F32T8*	2	32	120	0.88	57	0.48	0.98	<10%	1.54
	2	32	277	0.88	56	0.21	0.98	<10%	1.56
F32T8/ES/30	2	30	120	0.90	54	0.45	0.98	<10%	1.67
	2	30	277	0.90	53	0.20	0.97	<10%	1.70
F32T8/ES/28	2	28	120	0.90	52	0.44	0.98	<10%	1.73
	2	28	277	0.90	51	0.19	0.97	<10%	1.76
F32T8/ES/25	2	25	120	1.00	50	0.42	0.98	<10%	2.00
	2	25	277	1.00	49	0.18	0.97	<10%	2.04
FB32T8	2	32	120	0.88	57	0.48	0.98	<10%	1.54
	2	32	277	0.88	56	0.21	0.97	<10%	1.56
FB31T8	2	31	120	0.88	55	0.46	0.98	<10%	1.62
	2	31	277	0.88	54	0.20	0.97	<10%	1.66
FB28T8	2	28	120	0.90	52	0.44	0.98	<10%	1.73
	2	28	277	0.90	51	0.19	0.97	<10%	1.76

* Primary Lamp Design

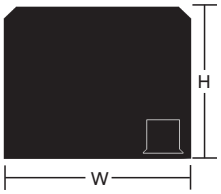
Ballast Specifications

- Ballast shall have a five-year warranty
- Ballast shall be UL certified
- Ballast shall be sound rated Class A
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have no PCB's
- Ballast shall be Type HL, Type CC
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall meet ANSI Standards C62.41-2002
- Ballast shall comply with the limits of FCC Part 18 Class B (Residential) and Class A
- Ballast shall have a lamp operating frequency great than 40kHz
- Ballast shall have a 0°C minimum lamp starting temperature for primary lamp
- Ballast shall be Program Rapid 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 60 Hz
- Ballast shall have a maximum case hot spot temperature of 90 Celsius

Wiring Diagram



Side Ballast View



Bottom Ballast View

Dimensions

L: 9.5"
W: 1.3"
H: 1.0"
M: 9.0"

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• Specifications are subject to change without notice.

Howard Lighting Products | 580 Eastview Drive | Laurel, MS 39443
(toll free) 800.956.3456 | (direct) 601.422.0033 | (fax) 601.422.1652
www.HowardLightingProducts.com