E2/75IS/MV/SC

HOWARD LIGHTING PRODUCTS

Electronic Fluorescent Ballast

12/28/2011

2 Lamp
Standard Ballast Factor
Multi-volt

Project:	
Catalog#:	
Approved by:	

T12 Slimline Instant Start Parallel Lamp Operation

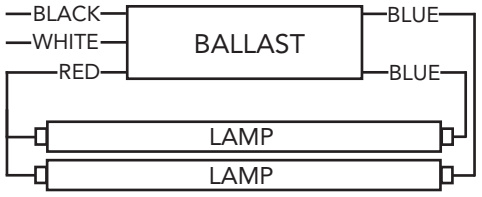
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F96T12*	2	75	120	0.90	133	1.12	0.99	<10%	0.68
	2	75	277	0.90	135	0.49	0.99	<10%	0.67
	1	75	120	1.00	83	0.70	0.99	<10%	1.20
	1	75	277	1.00	84	0.31	0.99	<10%	1.19
F96T12/ES	2	60	120	0.90	105	0.95	0.99	<10%	0.80
	2	60	277	0.90	107	0.42	0.99	<10%	0.78
	1	60	120	1.05	71	0.60	0.99	<10%	1.48
	1	60	277	1.05	72	0.26	0.98	<10%	1.46
F72T12	2	55	120	0.90	107	0.92	0.97	<10%	0.84
	2	55	277	0.90	107	0.39	0.97	<10%	0.48
	1	55	120	1.04	66	0.60	0.97	<10%	1.58
	1	55	277	1.04	66	0.25	0.95	<10%	1.58
F48T12	2	60	120	0.95	76	0.68	0.95	<10%	1.25
	2	60	277	0.95	76	0.29	0.95	<10%	1.25
F48T12/ES	2	60	120	0.95	64	0.60	0.95	<10%	1.48
	2	60	277	0.95	64	0.25	0.95	<10%	1.48

* Primary Lamp Design

Ballast Specifications

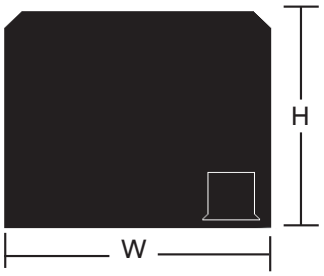
- Ballast shall have a five-year warranty
- Ballast shall be UL certified
- Ballast shall be sound rated Class A
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall meet ANSI Standards C62.41-2002 & C82.11-2002
- Ballast shall comply with the limits of FCC Part 18 Class A
- Ballast shall have a lamp operating frequency great than 20kHz
- Ballast shall have a 0°C minimum lamp starting temperature for primary lamp
- Ballast shall be Instant Start
- Ballast shall be Parallel Lamp Operation
- Ballast shall have minimum Power Factor of 99% 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



Note: For one lamp operation, cap one blue lead.

Side Ballast View



Bottom Ballast View

Dimensions

L: 9.45”
W: 1.80”
H: 1.37”
M: 8.9”

• Specifications are subject to change without notice.