

8/30/2013

2 Lamp
Standard Ballast Factor
Multi-volt

Project:	
Catalog#:	
Approved by:	

Electronic Fluorescent Ballast

T12 High Output Rapid Start Parallel Lamp Operation

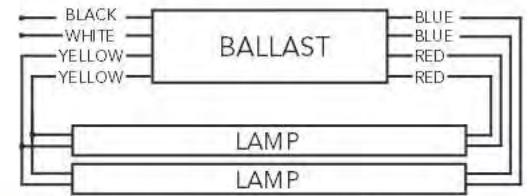
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor	Min. Start Temp. (F/C)
F96T12/HO	2*	110	120	0.88	185	1.54	0.98	<10%	0.48	-20/-29
	2*	110	277	0.88	180	0.66	0.97	<10%	0.49	-20/-29
	1	110	120	0.91	96	0.80	0.98	<10%	0.95	-20/-29
	1	110	277	0.91	95	0.37	0.90	<15%	0.96	-20/-29
F96T12/HO/ES	2	95	120	0.88	165	1.38	0.98	<10%	0.53	60/16
	2	95	277	0.88	162	0.60	0.97	<10%	0.54	0/-18
	1	95	120	0.91	88	0.74	0.98	<10%	1.03	60/16
	1	95	277	0.91	86	0.32	0.90	<15%	1.04	0/-18
F72T12/HO	2	85	120	0.85	140	1.17	0.98	<10%	0.61	0/-18
	2	85	277	0.85	137	0.50	0.97	<10%	0.62	0/-18
F60T12/HO	2	75	120	0.82	117	0.98	0.98	<10%	0.70	0/-18
	2	75	277	0.82	114	0.42	0.97	<10%	0.71	0/-18
F48T12/HO	2	60	120	0.83	96	0.80	0.98	<10%	0.86	0/-18
	2	60	277	0.83	94	0.34	0.97	<10%	0.87	0/-18

* Primary Lamp Design

Ballast Specifications

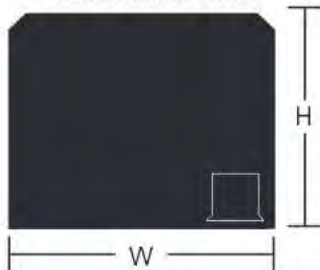
- Ballast shall have a five-year warranty
- Ballast shall be UL & cUL Listed
- Ballast shall have OCV 387V
- Ballast shall be sound rated Class A
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall contain no PCBs
- Ballast shall be Type HL, Type CC
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall meet ANSI Standards C82.11-2005 & C62.41-2002
- Ballast shall comply with the limits of FCC Part 18 Class A
- Ballast shall have a -20°F minimum lamp starting temperature for primary lamp
- Ballast shall be Rapid Start with Active Power Factor Correction
- Ballast shall be Series Lamp Operation
- Ballast shall have minimum Power Factor of 97% 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

Wiring Diagram

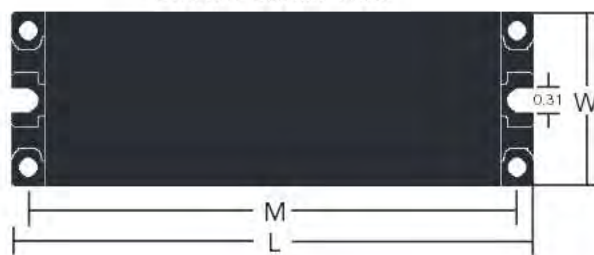


Note: For one lamp operation, cap yellow lead.

Side Ballast View



Bottom Ballast View



Dimensions

- L: 11.8"
- W: 2.15"
- H: 1.6"
- M: 11.0"

• Specifications are subject to change without notice.

