

7/21/2014

2 Lamp  
Standard Ballast Factor  
120-volt

Project:	
Catalog#:	
Approved by:	

Electronic Fluorescent Ballast

**T12 High Output Rapid Start Series Lamp Operation**

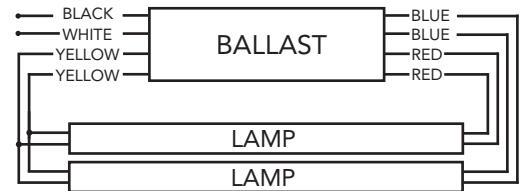
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F96T12/HO*	2	110	120	0.89	195	1.65	0.99	<10%	0.46
	1	110	120	0.90	109	0.92	0.98	<10%	0.62
F96T12/HO/ES	2	95	120	0.89	170	1.44	0.99	<10%	0.94
	1	95	120	1.05	95	0.80	0.98	<10%	1.11
F72T12/HO	2	85	120	0.91	148	1.25	0.98	<10%	0.55
F60T12/HO	2	75	120	1.00	124	1.05	0.98	<10%	0.69
F48T12/HO	2	60	120	1.12	104	0.88	0.98	<10%	1.08

\* 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 C82.11-2005 & C62.41-2001
- Ballast shall meet FCC 18 Non Consumer Limits
- Ballast shall have a lamp operating frequency great than 20kHz
- Ballast shall have a -20°F minimum lamp starting temperature for primary lamp
- Ballast shall be potted
- Ballast shall be Rapid Start
- Ballast shall be Series 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 85 Celsius

**Wiring Diagram**



Note: For one lamp operation, cap yellow lead.

Side Ballast View



Bottom Ballast View



**Dimensions**

- L: 9.5"
- W: 2.3"
- H: 1.6"
- M: 9.0"

• Specifications are subject to change without notice.

