

12/28/2011

**2 Lamp
Standard Ballast Factor
Multi-volt**

Project:	
Catalog#:	
Approved by:	

T5 High Output Program Rapid Start Series Lamp Operation

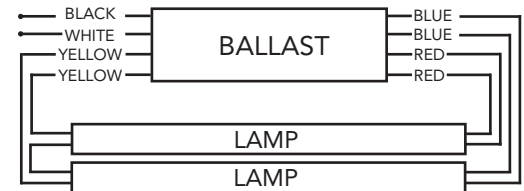
Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F39T5/HO*	2	39	120	1.00	90	0.78	0.99	<10%	1.11
	2	39	277	1.00	89	0.34	0.99	<10%	1.12
	1	39	120	1.03	46	0.39	0.99	<10%	2.23
	1	39	277	1.06	47	0.18	0.97	<12%	2.25
F24T5/HO	2	24	120	1.08	59	0.50	0.99	<10%	1.83
	2	24	277	1.08	59	0.22	0.98	<10%	1.83
	1	24	120	1.10	30	0.25	0.99	<10%	3.66
	1	24	277	1.10	30	0.12	0.95	<15%	3.66
FC12T5 40W	2	40	120	1.02	93	0.78	0.99	<10%	1.09
	2	40	277	1.01	92	0.34	0.98	<10%	1.09
	1	40	120	1.07	49	0.41	0.99	<10%	2.18
	1	40	277	1.10	50	0.19	0.97	<12%	2.18
FC9T5 22W	2	22	120	1.25	63	0.53	0.99	<10%	1.98
	2	22	277	1.25	63	0.23	0.98	<10%	1.98
	1	22	120	1.31	33	0.28	0.99	<10%	3.97
	1	22	277	1.31	33	0.13	0.95	<12%	3.97
FT36W/2G11	2	36	120	0.87	72	0.60	0.99	<10%	1.20
	2	36	277	0.87	71	0.26	0.98	<10%	1.22
	1	36	120	0.92	38	0.32	0.99	<10%	2.42
	1	36	277	0.92	38	0.14	0.99	<10%	2.42
FT24W/2G11	2	24	120	0.99	54	0.45	0.99	<10%	1.83
	2	24	277	0.99	55	0.20	0.98	<10%	1.80
	1	24	120	1.09	30	0.25	0.99	<10%	3.63
	1	24	277	1.09	30	0.12	0.95	<15%	3.63
FT40W/2G11	1	40	120	1.09	50	0.42	0.99	<10%	2.18
	1	40	277	1.09	50	0.19	0.97	<12%	2.18
FC9T5 + FC12T5	1+1	22/40	120	0.96	68	0.57	0.99	<10%	1.41
	1+1	22/40	277	0.96	68	0.25	0.98	<10%	1.41

* Primary Lamp Design

Ballast Specifications

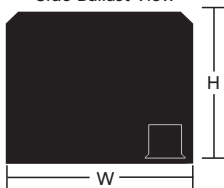
- Ballast shall have a three-year warranty
- Ballast shall be UL certified
- Ballast shall be sound rated Class A
- Ballast shall be Class P Type 1 Outdoor
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall meet ANSI Standards C62.41 Cat. A
- Ballast shall comply with the limits of FCC Part 18 Class A Non-Consumer
- Ballast shall have a lamp operating frequency greater than 60kHz
- Ballast shall have a 0°F minimum lamp starting temperature for primary lamp
- Ballast shall be Program Rapid Start
- Ballast shall be Series Lamp Operation
- Ballast shall have End of Life Protection
- 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 yellow lead.

Side Ballast View



Bottom Ballast View



Dimensions

- L: 9.45"
- W: 1.35"
- H: 1.06"
- M: 8.96"

• Specifications are subject to change without notice.

Electronic Fluorescent Ballast