

7/21/2014

2 Lamp Standard Ballast Factor Multi-volt

Project:

Catalog#:

Approved by:

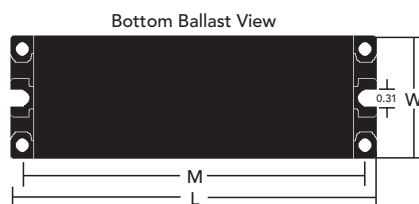
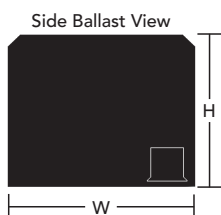
T5 Programmed Rapid Start Series Lamp Operation

Lamp Type	No. Of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F54T5/HO*	2	54	120	1.00	120	1.00	0.98	<10%	0.80
	2	54	277	1.00	117	0.43	0.97	<10%	0.80
	1	54	120	1.03	62	0.52	0.98	<10%	1.60
	1	54	277	1.03	62	0.23	0.90	<20%	1.60
FC12T5/HO 55W	2	55	120	0.86	106	0.87	0.98	<10%	0.80
	2	55	277	0.86	103	0.37	0.97	<10%	0.80
	1	55	120	0.88	55	0.45	0.98	<10%	1.60
	1	55	277	0.88	55	0.20	0.90	<20%	1.60
FT55W/2G11	2	55	120	0.91	112	0.94	0.98	<10%	0.80
	2	55	277	0.91	109	0.40	0.97	<10%	0.80
	1	55	120	0.93	58	0.51	0.98	<10%	1.60
	1	55	277	0.93	58	0.22	0.90	<20%	1.60
FT50W/2G11	2	50	120	1.12	118	1.01	0.98	<10%	0.90
	2	50	277	1.12	115	0.43	0.97	<10%	0.90
	1	50	120	1.15	61	0.52	0.98	<10%	1.80
	1	50	277	0.90	61	0.23	0.90	<20%	1.80
F54T5/HO/ES	2	49	120	0.99	106	0.88	0.98	<10%	0.90
	2	49	277	0.98	105	0.38	0.97	<10%	0.90
	1	49	120	0.90	53	0.44	0.99	<10%	1.60
	1	49	277	1.04	58	0.21	0.90	<10%	1.70

* Primary Lamp Design

Ballast Specifications

- Ballast shall have a five-year warranty
- Ballast shall be UL & cUL 935 Listed, & UL "HL" rated for hazardous locations
- Ballast shall meet RoHS compliance
- Ballast shall be sound rated Class A
- Ballast shall have a Lamp Current Crest Factor of <1.7
- Ballast shall meet ANSI Standards C62.41-2002 & C82.11-2005
- Ballast shall comply with the limits of FCC Part 18 Class A (Non-consumer)
- Ballast shall have a lamp operating frequency greater than 42kHz
- Ballast shall have a -18°C minimum lamp starting temperature for primary lamp
- Ballast shall be Program Rapid Start 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
- Ballast shall have Lamp End-Of-Life Protection



Dimensions

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

• Specifications are subject to change without notice.

Wiring Diagram

