

## T5 Programmed Rapid Start Series Lamp Operation

## EP2/54HO/PRS/MV/90C

Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
FC12T5HO	1	55	120	0.88	55	0.45	>0.97	<20%	1.60
FC12T5HO	1	55	230	0.88	55	0.24	>0.97	<20%	1.60
FC12T5HO	1	55	277	0.88	55	0.20	>0.97	<20%	1.60
FC12T5HO	2	55	120	0.86	106	0.87	>0.99	<15%	0.81
FC12T5HO	2	55	230	0.86	103	0.42	>0.99	<15%	0.83
FC12T5HO	2	55	277	0.86	103	0.37	>0.99	<15%	0.83
FT36W/2G11	1	36/39	120	1.18	46	0.38	>0.95	<20%	2.57
FT36W/2G11	1	36/39	230	1.18	46	0.21	>0.95	<20%	2.57
FT36W/2G11	1	36/39	277	1.18	46	0.18	>0.95	<20%	2.57
FT36W/2G11	2	36/39	120	1.16	89	0.71	>0.98	<15%	1.30
FT36W/2G11	2	36/39	230	1.16	86	0.35	>0.98	<15%	1.35
FT36W/2G11	2	36/39	277	1.16	86	0.31	>0.98	<15%	1.35
FT50W/2G11	1	50	120	1.15	61	0.52	>0.97	<20%	1.89
FT50W/2G11	1	50	230	1.15	61	0.28	>0.97	<20%	1.89
FT50W/2G11	1	50	277	1.15	61	0.23	>0.97	<20%	1.89
FT50W/2G11	2	50	120	1.12	118	1.01	>0.99	<10%	0.95
FT50W/2G11	2	50	230	1.12	115	0.51	>0.99	<10%	0.97
FT50W/2G11	2	50	277	1.12	115	0.43	>0.99	<10%	0.97
F55W/2G11	1	55	120	0.96	58	0.51	>0.96	<20%	1.66
F55W/2G11	1	55	230	0.96	58	0.27	>0.96	<20%	1.66
F55W/2G11	1	55	277	0.96	58	0.22	>0.96	<20%	1.66
F55W/2G11	2	55	120	0.92	112	0.94	>0.99	<10%	0.82
F55W/2G11	2	55	230	0.92	109	0.48	>0.99	<10%	0.84
F55W/2G11	2	55	277	0.92	109	0.40	>0.99	<10%	0.84
F54T5HO	1	54	120	1.10	62	0.54	>0.97	<20%	1.77
F54T5HO	1	54	230	1.10	62	0.29	>0.97	<20%	1.77
F54T5HO	1	54	277	1.10	62	0.23	>0.97	<20%	1.77
F54T5HO	2	54	120	1.00	120	1.00	>0.99	<10%	0.83
F54T5HO	2	54	230	1.00	117	0.52	>0.99	<10%	0.85
F54T5HO	2	54	277	1.00	117	0.43	>0.99	<10%	0.85

Specifications subject to change without notice

**HOWARD**  
LIGHTING PRODUCTS

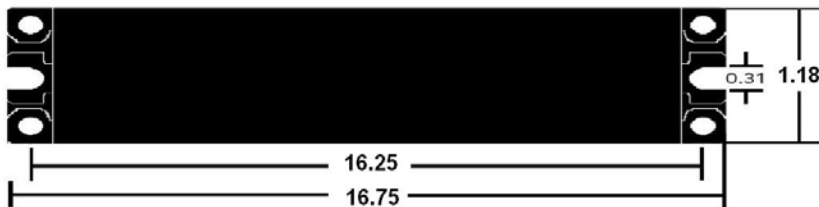
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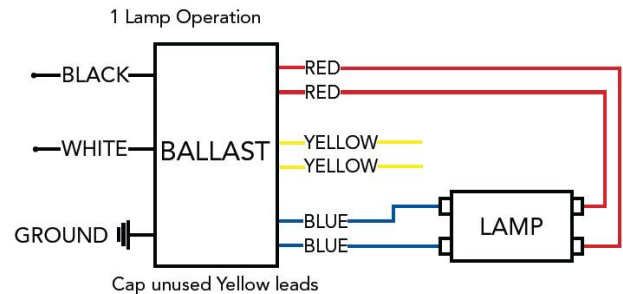
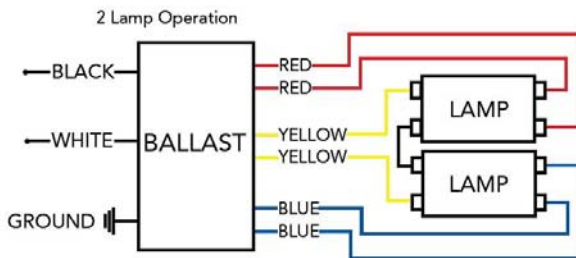
**Ballast Specifications**

- Ballast shall have a three-year warranty
- Ballast shall be UL listed
- 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 withstand line transients as specified in ANSI C62.41-1991
- Ballast shall comply with the limits of FCC Part 18C Class A
- Ballast shall have a lamp operating frequency of 40kHz
- Ballast shall be Program Rapid Start
- Ballast shall be Series Lamp Operation
- Ballast shall have end-of-life protection
- Ballast shall have plug –in connectors
- Ballast shall have a -20°F (-30°C) minimum starting temperature
- Ballast shall operate at a maximum of 18 feet at 0°F.
- Ballast shall have minimum Power Factor of 98% for primary lamp operation
- Ballast shall operate within +/- 10% of the ballast specified line voltage at 60Hz
- Ballast shall operate at a maximum case temperature of 90°C

**Ballast Dimensions**



**Wiring Diagrams**



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