

T12 Rapid Start Series Lamp Operation

E2/40RS/MV/MC

Lamp Type	No. of Lamps	Lamp Watts	Line Voltage	Ballast Factor	Input Watts	Input Current (amps)	Power Factor	THD	Ballast Efficacy Factor
F40T12*	2	40	120	0.85	72	0.62	0.98	<10%	1.18
			277	0.85	70	0.26	0.98	<10%	1.21
F34T12	2	34	120	0.85	62	0.55	0.98	<10%	1.37
			277	0.85	61	0.23	0.98	<10%	1.39
F30T12	2	30	120	0.93	58	0.48	0.98	<10%	1.60
			277	0.93	56	0.20	0.98	<10%	1.66
F25T12	2	25	120	1.10	70	0.58	0.98	<10%	1.57
			277	1.10	69	0.24	0.98	<10%	1.59

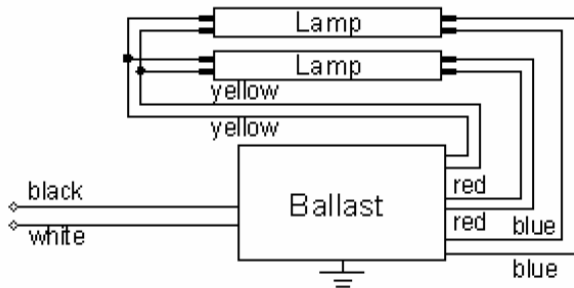
*Primary lamp design

Specifications are subject to change without notice

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 withstand line transients as specified in ANSI C62.41-2001 & C82.11-2005
- Ballast shall comply with the limits of FCC Part 18 Non Consumer Limits
- Ballast shall have a lamp operating frequency greater than 40KHz
- Ballast shall have a 0 F minimum lamp starting temperature for primary lamp
- Ballast shall be Rapid Start
- Ballast shall be Series Lamp Operation
- Ballast shall have a minimum Power Factor of 98% for primary lamp operation
- Ballast shall operate within a +/- 10% of the ballast specified line voltage at an input frequency of 50Hz or 60Hz
- Ballast shall have a maximum case hot spot temperature of 90 C

Wiring Diagram



Ballast Dimension

