

MAGNETIC BALLAST 1-LAMP-T12

RAPID START

M1/40RS-120

One Lamp Operation, 120 V

Lamp Type	F40T12	F40T12/ES
Lamp Length (inches)	48	48
Lamp Watts	40	34
Line Current (amps)	0.44	0.38
Input Watts (ANSI)	53	46
Power Factor	>96%	>93%
Total Harmonic Distortion Rating	<20%	<20%
Ballast Factor	93%	88%

M1/40RS-277

One Lamp Operation, 277 V

Lamp Type	F40T12	F40T12/ES
Lamp Length (inches)	48	48
Lamp Watts	40	34
Line Current (amps)	0.19	0.17
Input Watts (ANSI)	53	46
Power Factor	>96%	>93%
Total Harmonic Distortion Rating	<20%	<20%
Ballast Factor	93%	88%



BALLAST PRODUCTS DIVISION

P.O. Box 1590

Laurel, MS 39441

(601) 422-0033 or

1-800-956-3456

Fax (601) 422-1652

<http://www.>

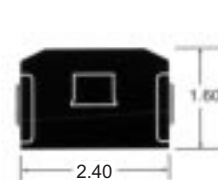
[howard-ballast.com](http://www.howard-ballast.com)

BALLAST DIMENSIONS

TOP VIEW



END VIEW



MAGNETIC BALLAST¹-LAMP-T12

RAPID START

SPECIFICATIONS

M1/40RS-120 and M1/40RS-277

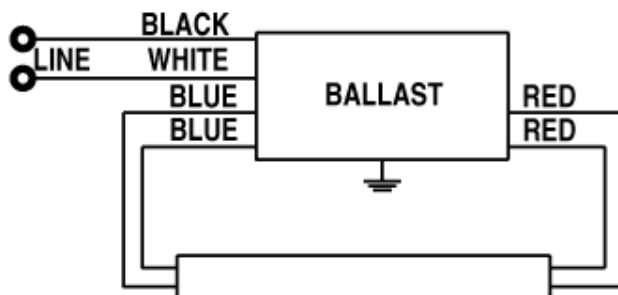
- Current Crest Factor:** Ballast shall have a Lamp Current Crest Factor of <1.7.
- Transient Protection:** Ballast shall withstand line voltage transients and surges as specified in ANSI C82.41-1991 for location category A1.
- EMI and RFI Limits:** Ballast shall comply with the limits of FCC Part 18C for Non-Consumer equipment.
- CBM Certification:** Ballast shall be CBM Certified energy saving magnetic type.
- UL, Canadian UL, CSA:** Ballast shall be UL, Canadian UL and CSA Certified, Class P, Type 1, outdoor.
- Operating Frequency:** Ballast shall have a frequency of 60Hz.
- Starting Temperature:** Ballast shall have a 50°F minimum starting temperature with F40T12 lamps and a 60° F minimum starting temperature with F40T12/ES lamps.
- Potting:** Ballast shall contain potting compound for proper dissipation of heat, mechanical stability, and moisture protection.
- Lamp Lead Orientation:** Ballast shall have lamp leads exiting both ends of housing.
- Circuit Configuration:** Ballast shall be Rapid Start with Series circuit configuration.
- Sound Rating:** Ballast shall be sound rated Class A.
- Power Factor:** Ballast shall have minimum Power Factor of 96% on primary lamp configuration.
- Voltage Range:** Ballast shall operate within an input voltage range of +/- 10%.
- Warranty:** Ballast shall have a three-year warranty.



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WIRING DIAGRAM



LR95836

61E1

UL, Canadian UL and
CSA Certified