

MAGNETIC BALLAST

1-LAMP-T12 SLIMLINE

INSTANT START

M1/75IS-120

One Lamp Operation, 120 V

Lamp Type	F96T12	F96T12/ES
Lamp Length (Inches)	96	96
Lamp Watts	75	60
Line Current (Amps)	0.83	0.68
Input Watts (ANSI)	99	81
Power Factor	>93%	>93%
Total Harmonic Distortion Rating	<28%	<30%
Ballast Factor	93%	88%

M1/75IS-277

One Lamp Operation, 277 V

Lamp Type	F96T12	F96T12/ES
Lamp Length (Inches)	96	96
Lamp Watts	75	60
Line Current (Amps)	0.36	0.29
Input Watts (ANSI)	99	81
Power Factor	>93%	>93%
Total Harmonic Distortion Rating	<28%	<30%
Ballast Factor	93%	88%

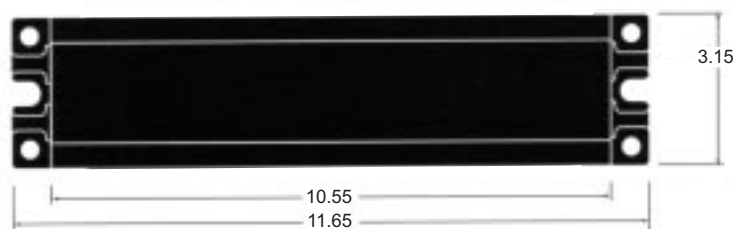


BALLAST PRODUCTS DIVISION

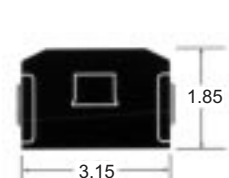
P.O. Box 1590
Laurel, MS 39441
(601) 422-0033 or
1-800-956-3456
Fax (601) 422-1652
[http://www.
howard-ballast.com](http://www.howard-ballast.com)

BALLAST DIMENSIONS

TOP VIEW



END VIEW



MAGNETIC BALLAST

1-LAMP-T12 SLIMLINE

INSTANT START

SPECIFICATIONS

M1/75IS-120 and M1/75IS-277

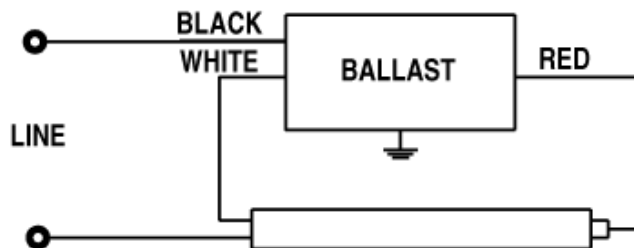
- Current Crest Factor:** Ballast shall have a Lamp Current Crest Factor of <1.85.
- Transient Protection:** Ballast shall withstand line voltage transients and surges as specified in ANSI C82.41-1991 for location category A1.
- EMI and RFI Limits:** Ballast shall comply with the limits of FCC Part 18C 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 0°F minimum starting temperature with F96T12 lamps and a 50° F minimum starting temperature with F96T12/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 C.
- Power Factor:** Ballast shall have minimum Power Factor of 93% 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