



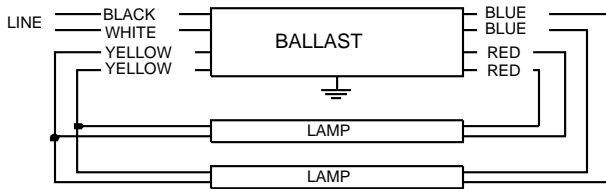
RELB-2S40-SC

Brand Name	AMBISTAR (T12)
Ballast Type	Electronic
Starting Method	Rapid Start
Lamp Connection	Series
Input Voltage	120
Input Frequency	60 HZ
Status	Active

Electrical Specifications

Lamp Type	Num. of Lamps	Rated Lamp Watts	Min. Start Temp (°F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	MAX THD %	Power Factor	MAX Lamp Current Crest Factor	B.E.F.
* F34T12	2	34	60/16	0.53	62	0.85	20	0.98	1.7	1.37
F40T12	2	40	50/10	0.61	72	0.85	20	0.98	1.7	1.18

Wiring Diagram



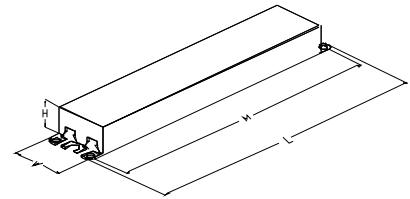
Diag. 21

The wiring diagram that appears above is for the lamp type denoted by the asterisk (*)

Standard Lead Length (inches)

	in.	cm.		in.	cm.
Black	22	55.9	Yellow/Blue		0
White	22	55.9	Blue/White		0
Blue	26	66	Brown		0
Red	26	66	Orange		0
Yellow	36	91.4	Orange/Black		0
Gray		0	Black/White		0
Violet		0	Red/White		0

Enclosure



Enclosure Dimensions

OverAll (L)	Width (W)	Height (H)	Mounting (M)
9.50 "	1.7 "	1.18 "	8.90 "
24.1 cm	4.3 cm	3 cm	22.6 cm

Revised 09/22/2006



Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

ADVANCE

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Notes:

Section I - Physical Characteristics

1.1 Ballast shall be provided with integral leads color-coded per ANSI C82.11.

Section II - Performance Requirements

2.1 Ballast shall be Rapid Start

2.2. Ballast shall operate from a nominal line voltage of 120 volts, 60Hz. Ballast shall operate from 108V - 132V.

2.3 Ballast shall maintain constant light output, for line voltage variations of 10% of rated supply voltage.

2.4 Ballast shall contain auto restart circuitry in order to restart lamps without resetting power.

2.5 Ballast input current shall have Total Harmonic Distortion (THD) of less than 20% at maximum light output for primary lamps.

2.6 Ballast shall have a Power Factor greater than 90% at full light output.

2.7 Ballast shall have a minimum ballast factor of .85 for primary lamp applications.

2.8 Lamp Current Crest Factor shall be 1.7 or less in accordance with lamp manufacturer recommendation.

2.9 Ballast shall withstand a sustained short to ground or open circuit of any output leads.

2.10 Ballast shall be sound rated A.

2.11 Ballast shall be a high frequency electronic type and operate lamps above 40kHz to avoid interference with infrared control systems, and eliminate visible flicker.

2.12 Ballast shall comply with ANSI C82.11.

2.13 Ballast shall provide transient immunity as specified in ANSI C62.41.

Section III - Regulatory Requirements

3.1 Ballast shall comply with the requirements of the Federal Communications Commission (FCC) rules and regulations, Title 47 CFR Part 18, for Consumer equipment (Class B) for EMI (Conducted and Radiated).

3.2 Ballast shall comply with applicable state and federal efficiency standards.

3.3 Ballast shall be Underwriters Laboratories (UL 935) listed, Class P, Type 1 Outdoor, and CSA Certified where applicable.

Section IV - Other

4.1 Ballast shall not contain Polychlorinated Biphenyl (PCBs).

4.2 Manufacturers shall provide written warranty against defects in material or workmanship including replacement, for three years from date of manufacture for operation at a maximum case temperature of 70C.

4.3 Ballast manufacturer shall have a fifteen year history of producing electronic ballasts for the North American market.

4.4 Ballast shall be produced in a factory certified to ISO 9002 Quality System Standards.

4.5 Ballast shall be connected to rapid-start sockets only. Shunted or jumpered sockets are not to be used.

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