

RSO142TR120 • RSO142TR120BL • RSO142TR120BLS

Ballast Type:	Electronic	Starting Method:	Preheat Rapid Start	Unit Weight:	0.52 lb
Input Voltage:	120VAC ±10%	Lamp Connection:	Series	Carton Quantity:	50/40/40
Input Frequency:	50/60 Hz.	Unit Color:	White	Skid Quantity:	2250/1440/1440

ELECTRICAL SPECIFICATION:

Line Voltage (V)	Lamp Type	Lamp Watts	No. of Lamps	Line Current (A)	Input Power (W)	Power Factor	Max Current THD (%)	Current Crest Factor	Ballast Factor	Wiring Diagram	B.E.F
120	CFQ26W/G24q	26	1	0.42	25	≥0.52	≤157	≤1.5	1.10	103	4.23
	CFTR26W/GX24q										
120	CFTR32W/GX24q	32	1	0.48	31	≥0.55	≤143	≤1.5	1.00	103	3.22
120	CFTR42W/GX24q	42	1	0.54	35	≥0.55	≤135	≤1.4	0.90	103	2.57
120	FT40W/2G11/RS	40	1	0.59	40	≥0.56	≤130	≤1.5	0.91	114	2.28
120	F40T8	40	1	0.59	41	≥0.58	≤130	≤1.5	1.15	003	2.80

PERFORMANCE:

- Electronic ballast
- Preheat rapid start ballast
- Series operation
- Normal power factor
- Encased & potted
- Sound rated A
- End-of-Lamp Life protection
- Internal surge protection
- Meets FCC Part 18 (Class B) EMI and RFI consumer limits
- Meets ANSI standard C82.11 (where applicable)
- Meets ANSI standard C62.41

APPLICATION:

- Maximum case temperature: 194°F/90°C
- Maximum ambient temperature: 104°F/40°C
- Minimum starting temperature: -4°F/-20°C
- Not recommended for extreme temperature variations
- Lamp starts: >15,000 starts
- Remote mounting: 18 ft.

SAFETY:

- UL935 (Class P, Type HL, Type CC, Type 1 outdoor) listed
- CSA (cUL) certified
- Inherent Thermal Protection
- RoHS Compliant
- No PCB's

ORDERING INFORMATION:

- Side Leads - No Suffix
- Bottom Leads - BL
- Bottom Leads w Studs - BLS

STYLE:

7E

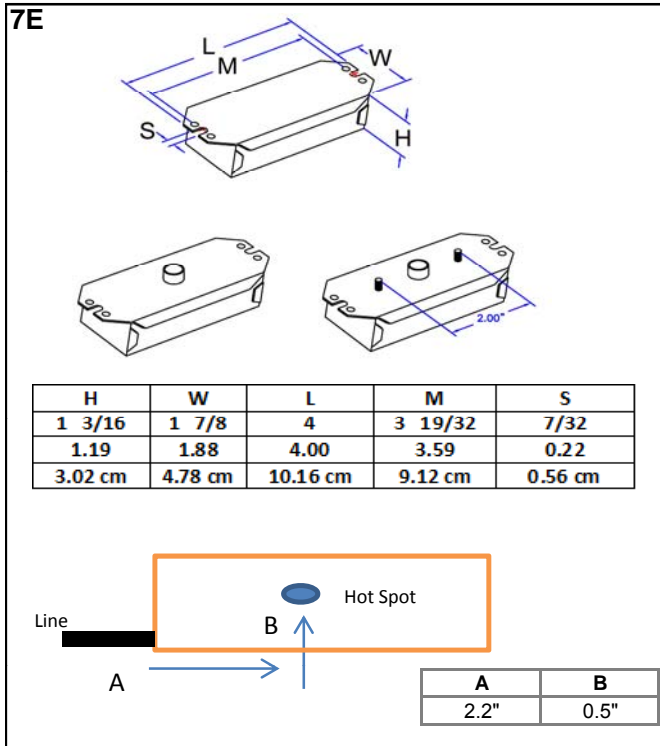


Diagram showing dimensions L, M, W, H, S for the ballast. A hot spot diagram shows a line with a hot spot at distance B from the end, with distance A from the other end.

H	W	L	M	S
1 3/16	1 7/8	4	3 19/32	7/32
1.19	1.88	4.00	3.59	0.22
3.02 cm	4.78 cm	10.16 cm	9.12 cm	0.56 cm

A	B
2.2"	0.5"

WARRANTY:

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 2 years from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Worldwide ballasts, call 1-800-323-5633 or visit www.robertsonww.com. For our energy star compliant ballasts, visit www.nema.org/lampballastmatrix/ Specifications subject to change without notice.

Revised 12/21/2011

WIRING DIAGRAM:

003

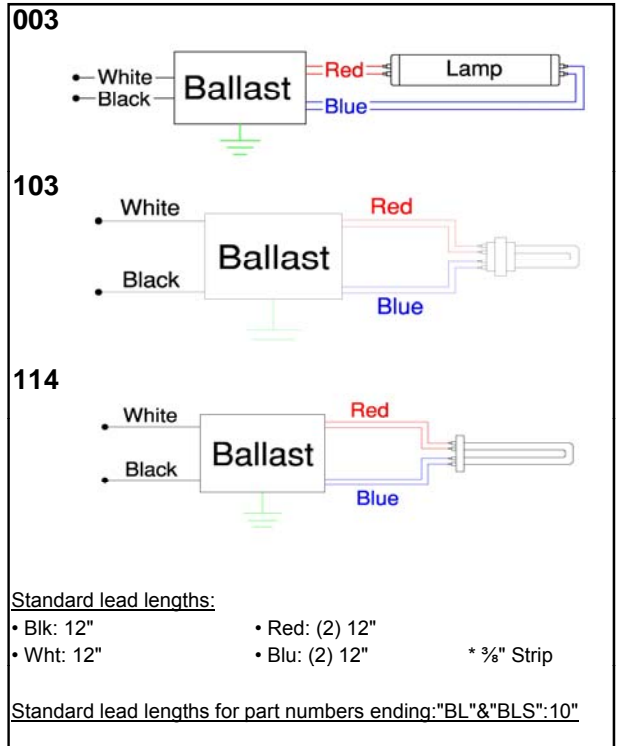


Diagram showing a ballast with White and Black leads connected to ground. Red and Blue leads connect to a lamp.

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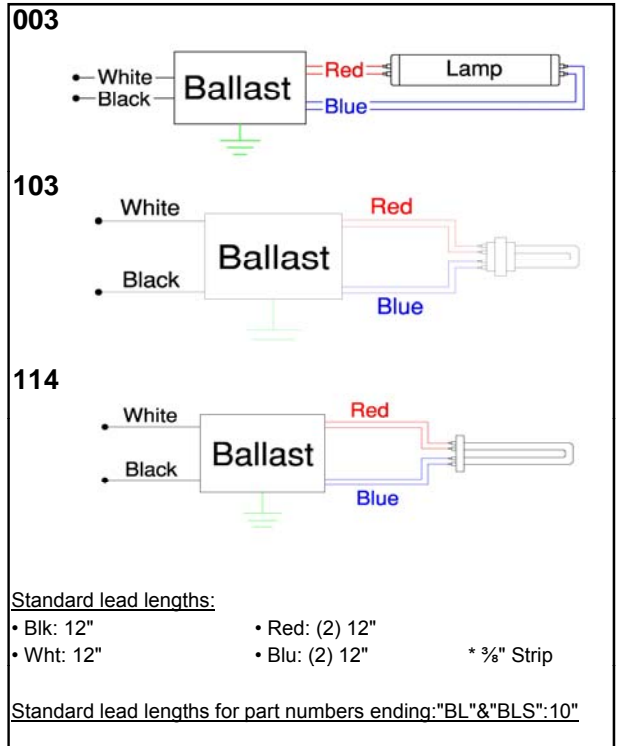


Diagram showing a ballast with White and Black leads connected to ground. Red and Blue leads connect to a lamp.

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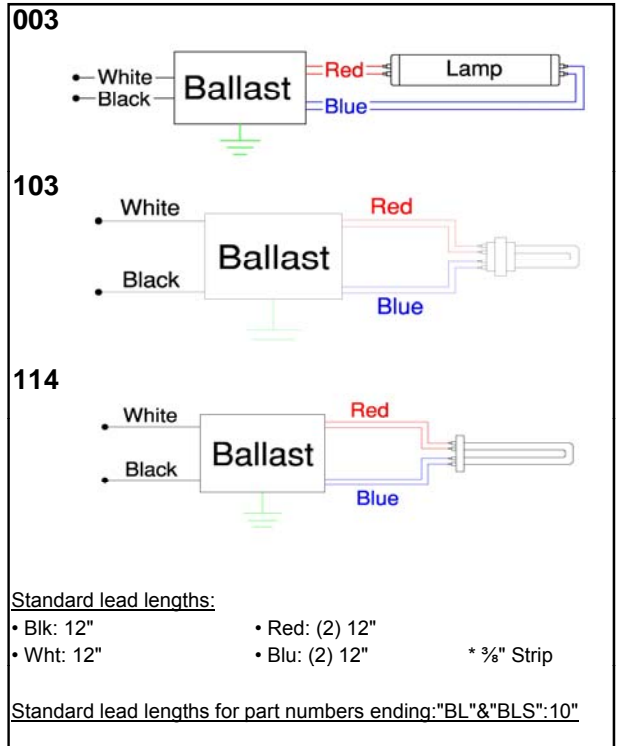


Diagram showing a ballast with White and Black leads connected to ground. Red and Blue leads connect to a lamp.

Standard lead lengths:

- Blk: 12"
- Wht: 12"
- Red: (2) 12"
- Blu: (2) 12"
- * 3/8" Strip

Standard lead lengths for part numbers ending: "BL" & "BLS": 10"