

## ISL232T8120

Ballast Type: Electronic  
Input Voltage: 120VAC  $\pm 10\%$   
Input Frequency: 50/60 Hz.

Starting Method: Instant  
Lamp Connection: Parallel  
Unit Color: White

Unit Weight: 0.86 lb  
Carton Quantity: 40  
Skid Quantity: 1000

### 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	F14T8	14	1	0.30	19	$\geq 0.51$	$\leq 157$	$\leq 1.7$	0.80	045	4.21
			2	0.39	24	$\geq 0.52$	$\leq 153$	$\leq 1.7$	0.60		2.38
120	F14T8/20	14	1	0.31	19	$\geq 0.51$	$\leq 155$	$\leq 1.7$	1.09	045	5.74
			2	0.41	27	$\geq 0.54$	$\leq 137$	$\leq 1.7$	0.80		2.96
120	F15T8	15	1	0.29	19	$\geq 0.54$	$\leq 145$	$\leq 1.7$	0.76	045	4.00
			2	0.41	27	$\geq 0.55$	$\leq 139$	$\leq 1.7$	0.70		2.48
120	F17T8 F17T8U	17	1	0.36	21	$\geq 0.50$	$\leq 159$	$\leq 1.5$	0.90	045	4.29
			2	0.50	31	$\geq 0.52$	$\leq 158$	$\leq 1.6$	0.81		2.61
120	F21T8/30	21	1	0.38	25	$\geq 0.54$	$\leq 140$	$\leq 1.8$	1.04	045	4.16
			2	0.54	38	$\geq 0.57$	$\leq 125$	$\leq 1.7$	0.79		2.08
120	F25T8 F25T8U	25	1	0.45	27	$\geq 0.50$	$\leq 151$	$\leq 1.5$	0.91	045	3.37
			2	0.61	43	$\geq 0.55$	$\leq 151$	$\leq 1.6$	0.81		1.88
120	F28T8/40	28	1	0.45	30	$\geq 0.55$	$\leq 136$	$\leq 1.9$	1.00	045	3.33
			2	0.64	46	$\geq 0.59$	$\leq 116$	$\leq 1.9$	0.73		1.59
120	F32T8 F32T8U	32	1	0.53	35	$\geq 0.52$	$\leq 143$	$\leq 1.4$	0.93	045	2.66
			2	0.75	55	$\geq 0.57$	$\leq 141$	$\leq 1.4$	0.81		1.47

### PERFORMANCE:

- Electronic ballast
- Instant Start
- Parallel operation
- Normal power factor
- Encased & potted
- Sound rated A
- 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:

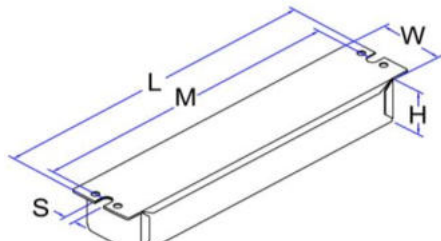
- Maximum case temperature: 167°F/75°C
- Maximum ambient temperature: 104°F/40°C
- Minimum starting temperature: -4°F/-20°C
- Lamp starts: >15,000 starts
- Remote mounting: 18 ft.

### SAFETY:

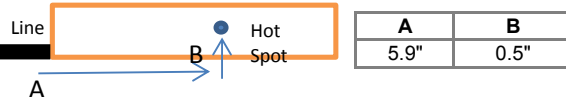
- UL/935 (Class P, Type HL, Type 1 outdoor) listed
- CSA (cUL) certified
- Inherent Thermal Protection
- RoHS Compliant
- No PCB's

### STYLE:

12A

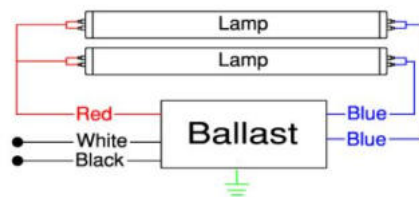


H	W	L	M	S
1 5/32	1 11/16	9 1/2	8 15/16	9/32
1.16	1.69	9.50	8.94	0.28
2.95cm	4.29cm	24.13cm	22.71cm	0.71cm



### WIRING DIAGRAM:

045



For 1 Lamp applications, cap any unused blue lead, insulate 600V.

### Standard lead lengths:

- Blk: 24"
- Red: 48"
- Wht: 24"
- Blu: (2) 34"

### 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's ballasts, call 1-800-323-5633 or visit [www.robertsonww.com](http://www.robertsonww.com). For our energy star compliant ballasts, visit [www.nema.org/lampballastmatrix/](http://www.nema.org/lampballastmatrix/) Specifications subject to change without notice. Revised 12/20/11

### ROBERTSON WORLDWIDE

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