

ISL432T8HEMV

Ballast Type: Electronic
 Input Voltage: 120-277VAC $\pm 10\%$
 Input Frequency: 50/60 Hz.

Starting Method: Instant Start
 Lamp Connection: Parallel
 Unit Color: Black

Unit Weight: 1.4 lb.
 Carton Quantity: 10
 Skid Quantity: 880

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	F32T8*	32	4	0.92	109	≥ 0.99	≤ 10	≤ 1.7	0.88	047D	0.81*
277	F32T8U*			0.39	106	≥ 0.98	≤ 10	≤ 1.7	0.88	047D	0.83*
120	F32T8/ES/30	30	4	0.87	104	≥ 0.99	≤ 10	≤ 1.7	0.88	047D	0.85
277				0.37	102	≥ 0.98	≤ 10	≤ 1.7	0.88	047D	0.86
120	F32T8/ES/28*	28	4	0.83	100	≥ 0.99	≤ 10	≤ 1.7	0.88	047D	0.88*
277				0.35	98	≥ 0.98	≤ 10	≤ 1.7	0.88	047D	0.90*
120	F32T8/ES/25*	25	4	0.75	89	≥ 0.99	≤ 10	≤ 1.7	0.88	047D	0.99*
277				0.33	89	≥ 0.98	≤ 10	≤ 1.7	0.88	047D	0.99*
120	F28T8*	28	4	0.83	100	≥ 0.99	≤ 10	≤ 1.7	0.88	047D	0.88*
277	F28T8U*			0.35	98	≥ 0.98	≤ 10	≤ 1.7	0.88	047D	0.90*
120	F25T8	25	4	0.72	84	≥ 0.99	≤ 10	≤ 1.7	0.89	047D	1.06
277	F25T8U			0.31	83	≥ 0.98	≤ 10	≤ 1.7	0.89	047D	1.07
120	F17T8	17	4	0.49	59	≥ 0.99	≤ 10	≤ 1.7	0.92	047D	1.56
277	F17T8U			0.22	58	≥ 0.97	≤ 10	≤ 1.7	0.92	047D	1.59
120	F40T8	40	3	0.91	108	≥ 0.99	≤ 10	≤ 1.7	0.94	047D	0.87
277				0.39	106	≥ 0.99	≤ 10	≤ 1.7	0.94	047D	0.89
120	F32T8*	32	3	0.76	91	≥ 0.99	≤ 10	≤ 1.7	0.98	047D	1.08*
277	F32T8U*			0.33	89	≥ 0.98	≤ 10	≤ 1.7	0.98	047D	1.10*
120	F32T8/ES/30	30	3	0.72	86	≥ 0.99	≤ 10	≤ 1.7	0.98	047D	1.14
277				0.31	85	≥ 0.98	≤ 10	≤ 1.7	0.98	047D	1.15
120	F32T8/ES/28*	28	3	0.68	82	≥ 0.99	≤ 10	≤ 1.7	0.98	047D	1.20*
277				0.30	81	≥ 0.98	≤ 10	≤ 1.7	0.98	047D	1.21*
120	F32T8/ES/25	25	3	0.63	76	≥ 0.99	≤ 10	≤ 1.7	0.98	047D	1.29
277				0.27	75	≥ 0.98	≤ 10	≤ 1.7	0.98	047D	1.31
120	F28T8*	28	3	0.68	82	≥ 0.99	≤ 10	≤ 1.7	0.98	047D	1.20*
277	F28T8U*			0.30	81	≥ 0.98	≤ 10	≤ 1.7	0.98	047D	1.21*
120	F25T8	25	3	0.62	74	≥ 0.99	≤ 10	≤ 1.7	1.01	047D	1.36
277	F25T8U			0.26	73	≥ 0.98	≤ 10	≤ 1.7	1.01	047D	1.38
120	F17T8	17	3	0.44	53	≥ 0.99	≤ 10	≤ 1.7	1.04	047D	1.96
277	F17T8U			0.19	53	≥ 0.96	≤ 10	≤ 1.7	1.04	047D	1.96

*Meets NEMA Premium/CEE Standards for Energy Efficiency

PERFORMANCE:

- High efficiency electronic ballast
- Instant Start
- Parallel operation
- High power factor
- Anti-Striation
- Encased and potted
- Sound rated A
- Internal surge protection
- Meets ANSI standard C82.11 and ANSI standard C62.41
- Meets FCC Part 18 (Class A) EMI and RFI non-consumer limits

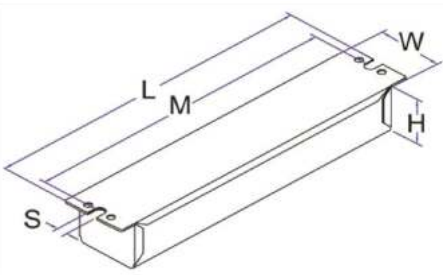
APPLICATION:

- Maximum case temperature: 167°F/75°C
- Maximum ambient temperature: 104°F/40°C
- Minimum starting temperature Std. lamps: 0°F/-18°C
- Minimum starting temperature ES lamps: 60°F/16°C
- Minimum starting temperature F40T8: 32°F/0°C
- Lamp starts: >15,000 starts
- Remote mounting: 18 ft.

SAFETY:

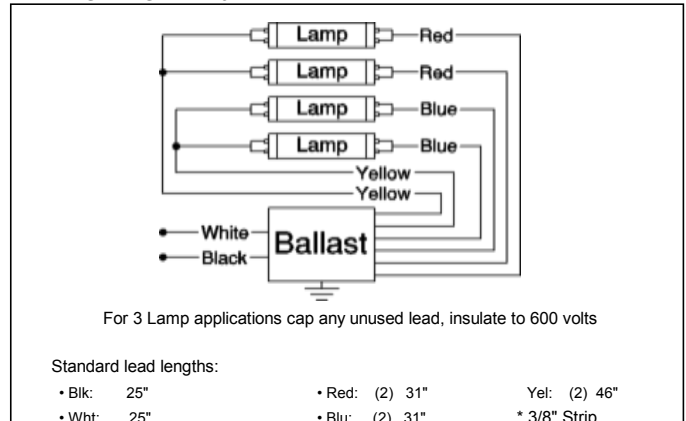
- UL/935 (Class P, Type HL, Type 1 outdoor) listed
- CSA certified (cUL)
- Inherent Thermal Protection
- RoHS Compliant
- No PCB's

CASE STYLE: 12F



H	W	L	M	S
1 3/16	1 23/32	9 1/2	8 15/16	9/32
1.19	1.71	9.50	8.94	0.28
3.02 cm	4.34 cm	24.13 cm	22.71 cm	0.71 cm

WIRING DIAGRAM: 047D



WARRANTY:

Robertson Worldwide warrants to the purchaser that this ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use. For more information on Robertson Lighting products, visit www.robertsondirect.com. Specifications subject to change without notice.

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