

# ISS332T8HEMV

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

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

Unit Weight: 1.4 lb.  
Carton Quantity: 40  
Skid Quantity: 1200

### 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	3	0.71	85	≥0.99	≤10	≤1.7	0.92	046	1.08*
277	F32T8U*			0.31	86	≥0.99	≤10	≤1.7	0.92	046	1.07*
120	F32T8/ES/30	30	3	0.66	79	≥0.99	≤10	≤1.7	0.86	046	1.09
277	F32T8/ES/30	30	3	0.29	79	≥0.99	≤10	≤1.7	0.87	046	1.10
120	F32T8/ES/28*	28	3	0.61	72	≥0.99	≤10	≤1.6	0.86	046	1.19*
277	F32T8/ES/28*			0.27	73	≥0.98	≤10	≤1.6	0.86	046	1.18*
120	F32T8/ES/25*	25	3	0.54	66	≥0.99	≤10	≤1.6	0.88	046	1.33*
277	F32T8/ES/25*			0.25	67	≥0.98	≤10	≤1.6	0.89	046	1.33*
120	F28T8*	28	3	0.61	72	≥0.99	≤10	≤1.6	0.87	046	1.19*
277	F28T8U*			0.27	73	≥0.98	≤10	≤1.6	0.87	046	1.18*
120	F25T8	25	3	0.55	66	≥0.99	≤10	≤1.6	0.94	046	1.42
277	F25T8U			0.24	67	≥0.98	≤10	≤1.6	0.95	046	1.42
120	F17T8	17	3	0.39	46	≥0.99	≤10	≤1.6	0.98	046	2.13
277	F17T8U			0.18	47	≥0.97	≤10	≤1.6	0.99	046	2.11
120	F40T8	40	2	0.65	77	≥0.99	≤10	≤1.6	0.99	046	1.29
277	F40T8			0.29	78	≥0.98	≤10	≤1.6	1.00	046	1.28
120	F32T8*	32	2	0.53	64	≥0.99	≤10	≤1.6	1.01	046	1.58*
277	F32T8U*			0.24	65	≥0.98	≤10	≤1.6	1.03	046	1.58*
120	F32T8/ES/30	30	2	0.49	59	≥0.99	≤10	≤1.6	0.93	046	1.58
277	F32T8/ES/30			0.22	60	≥0.98	≤10	≤1.6	0.94	046	1.57
120	F32T8/ES/28	28	2	0.46	55	≥0.99	≤10	≤1.6	0.95	046	1.73
277	F32T8/ES/28			0.20	54	≥0.97	≤12	≤1.6	0.94	046	1.74
120	F32T8/ES/25	25	2	0.42	50	≥0.99	≤10	≤1.6	0.96	046	1.92
277	F32T8/ES/25			0.19	50	≥0.97	≤12	≤1.6	0.97	046	1.94
120	F28T8	28	2	0.46	55	≥0.99	≤10	≤1.6	0.95	046	1.73
277	F28T8U			0.20	54	≥0.97	≤12	≤1.6	0.94	046	1.74
120	F25T8	25	2	0.43	66	≥0.99	≤10	≤1.6	1.05	046	1.59
277	F25T8U			0.19	67	≥0.97	≤12	≤1.6	1.06	046	1.58
120	F17T8	17	2	0.30	36	≥0.99	≤10	≤1.6	1.08	046	3.00
277	F17T8U			0.14	37	≥0.95	≤12	≤1.6	1.09	046	2.95

\*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

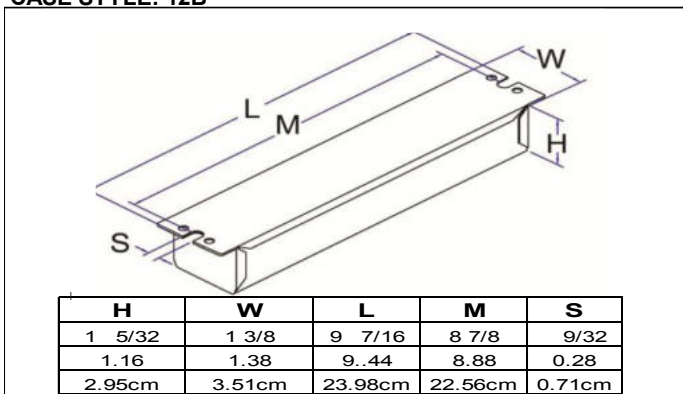
### APPLICATION:

- 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
- Lamp starts: >15,000 starts
- Remote mounting: 18 ft.

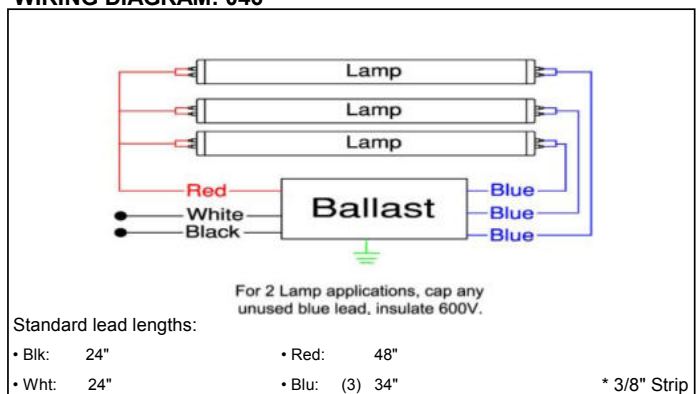
### SAFETY:

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

### CASE STYLE: 12B



### WIRING DIAGRAM: 046



### 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 Worldwide's ballasts, call 1-800-323-5633 or visit [www.robertsonww.com](http://www.robertsonww.com). Specifications subject to change without notice.

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### ROBERTSON WORLDWIDE

13611 Thornton Rd, Blue Island, IL 60406, TEL: 1-800-323-5633, FAX: 1-877-388-2420, [www.robertsonww.com](http://www.robertsonww.com)