

## ISA332T8HEMV

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: 1.22  
 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              | $\geq 0.99$  | $\leq 10$           | $\leq 1.7$           | 0.92           | 046F           | 1.08   |
| 277              | F32T8U*      | 32         | 3            | 0.31             | 86              | $\geq 0.99$  | $\leq 10$           | $\leq 1.7$           | 0.92           | 046F           | 1.07   |
| 120              | F32T8/ES/30  | 30         | 3            | 0.66             | 79              | $\geq 0.99$  | $\leq 10$           | $\leq 1.7$           | 0.86           | 046F           | 1.09   |
| 277              | F32T8/ES/30  | 30         | 3            | 0.29             | 79              | $\geq 0.99$  | $\leq 10$           | $\leq 1.7$           | 0.87           | 046F           | 1.10   |
| 120              | F32T8/ES/28* | 28         | 3            | 0.61             | 72              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.87           | 046F           | 1.21   |
| 277              | F32T8/ES/28* | 28         | 3            | 0.27             | 73              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 0.87           | 046F           | 1.19   |
| 120              | F32T8/ES/25* | 25         | 3            | 0.54             | 66              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.88           | 046F           | 1.33   |
| 277              | F32T8/ES/25* | 25         | 3            | 0.25             | 67              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 0.89           | 046F           | 1.33   |
| 120              | F28T8*       | 28         | 3            | 0.61             | 72              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.87           | 046F           | 1.21   |
| 277              | F28T8U*      | 28         | 3            | 0.27             | 73              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 0.87           | 046F           | 1.19   |
| 120              | F25T8        | 25         | 3            | 0.55             | 66              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.94           | 046F           | 1.42   |
| 277              | F25T8U       | 25         | 3            | 0.24             | 67              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 0.95           | 046F           | 1.42   |
| 120              | F17T8        | 17         | 3            | 0.39             | 46              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.98           | 046F           | 2.13   |
| 277              | F17T8U       | 17         | 3            | 0.18             | 47              | $\geq 0.97$  | $\leq 10$           | $\leq 1.6$           | 0.99           | 046F           | 2.11   |
| 120              | F40T8        | 40         | 2            | 0.65             | 77              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.99           | 046F           | 1.29   |
| 277              | F40T8        | 40         | 2            | 0.29             | 78              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 1.00           | 046F           | 1.28   |
| 120              | F32T8        | 32         | 2            | 0.53             | 64              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 1.01           | 046F           | 1.58   |
| 277              | F32T8U       | 32         | 2            | 0.24             | 65              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 1.02           | 046F           | 1.57   |
| 120              | F32T8/ES/30  | 30         | 2            | 0.49             | 59              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.93           | 046F           | 1.58   |
| 277              | F32T8/ES/30  | 30         | 2            | 0.22             | 60              | $\geq 0.98$  | $\leq 10$           | $\leq 1.6$           | 0.94           | 046F           | 1.57   |
| 120              | F32T8/ES/28  | 28         | 2            | 0.46             | 55              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.95           | 046F           | 1.73   |
| 277              | F32T8/ES/28  | 28         | 2            | 0.20             | 54              | $\geq 0.97$  | $\leq 12$           | $\leq 1.6$           | 0.94           | 046F           | 1.74   |
| 120              | F32T8/ES/25  | 25         | 2            | 0.42             | 50              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.96           | 046F           | 1.92   |
| 277              | F32T8/ES/25  | 25         | 2            | 0.19             | 50              | $\geq 0.97$  | $\leq 12$           | $\leq 1.6$           | 0.97           | 046F           | 1.94   |
| 120              | F28T8        | 28         | 2            | 0.46             | 55              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 0.95           | 046F           | 1.73   |
| 277              | F28T8U       | 28         | 2            | 0.20             | 54              | $\geq 0.97$  | $\leq 12$           | $\leq 1.6$           | 0.94           | 046F           | 1.74   |
| 120              | F25T8        | 25         | 2            | 0.43             | 66              | $\geq 0.99$  | $\leq 10$           | $\leq 1.6$           | 1.05           | 046F           | 1.59   |
| 277              | F25T8U       | 25         | 2            | 0.19             | 67              | $\geq 0.97$  | $\leq 12$           | $\leq 1.6$           | 1.06           | 046F           | 1.58   |

### PERFORMANCE:

- High efficiency electronic ballast
- Instant Start
- Parallel operation
- High power factor
- 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
- Meets NEMA Premium/CEE Standards for Energy Efficiency\*

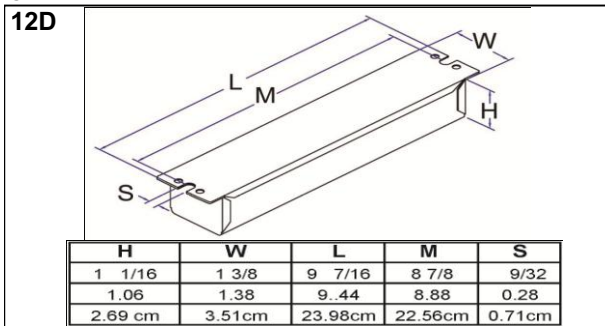
### APPLICATION:

- 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:

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

### STYLE:



### WIRING DIAGRAM:

