

## ELECTRONIC LINEAR FLUORESCENT BALLAST

|                        |                      |
|------------------------|----------------------|
| <b>Input Voltage</b>   | 120-277Vac $\pm$ 10% |
| <b>Ballast Factor</b>  | Normal               |
| <b>Starting Method</b> | Instant Start        |
| <b>Lamp Connection</b> | Parallel             |

### CERTIFICATIONS



## ELECTRICAL SPECIFICATIONS BY LAMP TYPE

| Lamp Type    | No. of Lamps | Volts | Input Watts | Input Current (Amps) | Power Factor | Crest Factor | Ballast Factor | Ballast Efficacy Factor | Max THD% |
|--------------|--------------|-------|-------------|----------------------|--------------|--------------|----------------|-------------------------|----------|
| F96T8 59W    | 2            | 120   | 113         | 0.96                 | 0.98         | <1.7         | 0.85           | 0.75                    | 10       |
|              |              | 277   | 113         | 0.42                 | 0.98         | <1.7         | 0.85           | 0.75                    | 10       |
|              | 1            | 120   | 68          | 0.57                 | 0.99         | <1.7         | 1.02           | 1.50                    | 10       |
|              |              | 277   | 70          | 0.26                 | 0.97         | <1.7         | 1.05           | 1.50                    | 12       |
| F96T8/ES 57W | 2            | 120   | 104         | 0.88                 | 0.98         | <1.7         | 0.81           | 0.77                    | 10       |
|              |              | 277   | 103         | 0.38                 | 0.97         | <1.7         | 0.80           | 0.77                    | 12       |
|              | 1            | 120   | 66          | 0.56                 | 0.98         | <1.7         | 1.03           | 1.56                    | 10       |
|              |              | 277   | 67          | 0.25                 | 0.96         | <1.7         | 1.04           | 1.55                    | 12       |
| F96T8/ES 51W | 2            | 120   | 94          | 0.80                 | 0.97         | <1.7         | 0.82           | 0.87                    | 12       |
|              |              | 277   | 94          | 0.35                 | 0.97         | <1.7         | 0.82           | 0.87                    | 12       |
|              | 1            | 120   | 61          | 0.52                 | 0.98         | <1.7         | 1.06           | 1.74                    | 10       |
|              |              | 277   | 61          | 0.23                 | 0.96         | <1.7         | 1.06           | 1.74                    | 12       |
| F72T8 46W    | 2            | 120   | 90          | 0.77                 | 0.97         | <1.7         | 0.83           | 0.92                    | 12       |
|              |              | 277   | 91          | 0.34                 | 0.96         | <1.7         | 0.84           | 0.92                    | 12       |
|              | 1            | 120   | 56          | 0.48                 | 0.98         | <1.7         | 1.03           | 1.84                    | 10       |
|              |              | 277   | 57          | 0.22                 | 0.95         | <1.7         | 1.05           | 1.84                    | 15       |

### PERFORMANCE:

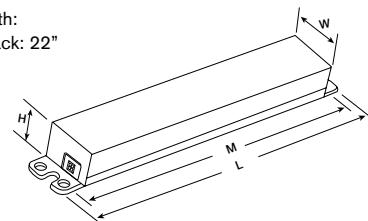
- Sound Rated: A
- Minimum Starting Temperature: 0°F, -18°C
- Maximum Case Temperature: 167°F, 75°C
- 3 Year Warranty
- Input Frequency 50Hz/60hz

### APPROVALS:

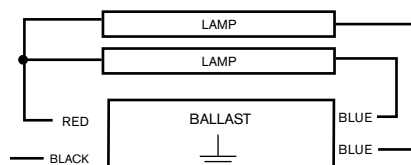
- Transient Protection Meets ANSI/IEEE C62.41 Cat A
- UL, cUL 935 listed

### PHYSICAL DIMENSIONS:

- Length (L): 9.45"
- Width (W): 1.38"
- Height (H): 1.18"
- Mounting (M): 8.90"
- Lead Length:
  - White, Black: 22"
  - Blue: 46"
  - Red: 70"



### WIRING DIAGRAM:



Two Lamp Application  
(Cap off 1 Blue Lead for 1 Lamp Application)  
Ballast Must Be Grounded

### T<sub>C</sub> POINT LOCATION:

