

|                       |               |
|-----------------------|---------------|
| <b>Model No.</b>      | MLEU323L/SC   |
| <b>Ballast Type</b>   | Electronic    |
| <b>Lamp Operation</b> | Instant Start |
| <b>Input Voltage</b>  | 120-277V      |
| <b>Frequency</b>      | 50/60Hz       |

All values given are typical values at 25°C for primary lamps in 120V/60Hz and 277V/60 Hz unless otherwise indicated.

## PERFORMANCE:

- AC Transient Protection: Cat. A3, ANSI/IEEE Standard C62.41
- Performance: ANSI Standard C82.11
- EMI: CFR47, Part 18, FCC Non Consumer (Class A)
- Harmonic: ANSI Standard C82.77
- EOL Protection: No
- Potting: Bottom Potting
- CEE qualified

## SAFETY:

- UL/CUL Listed

### Electrical Specifications:

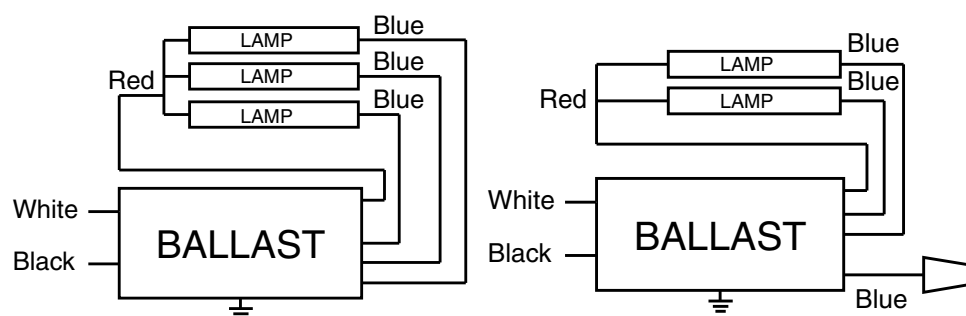
| Lamp Type       | No. of Lamps | Rated Lamp Watts | Min. Start Temp. (°F/°C) | Input Voltage (V) | Input Power (W) | Input Current (A) | Ballast Factor | THD ≤ % | POWER FACTOR ≥ | C.F. ≤ | B.E.F. |
|-----------------|--------------|------------------|--------------------------|-------------------|-----------------|-------------------|----------------|---------|----------------|--------|--------|
| F32T8 or FB32T8 | 3            | 32               | 0/-18                    | 120               | 74              | 0.61              | 0.78           | 10      | 0.99           | 1.7    | 1.05   |
|                 | 3            | 32               | 0/-18                    | 277               | 72              | 0.26              | 0.78           | 10      | 0.98           | 1.7    | 1.08   |
|                 | 2            | 32               | 0/-18                    | 120               | 56              | 0.46              | 0.84           | 10      | 0.99           | 1.7    | 1.50   |
|                 | 2            | 32               | 0/-18                    | 277               | 55              | 0.20              | 0.84           | 10      | 0.98           | 1.7    | 1.53   |
| FB31T8          | 3            | 31               | 0/-18                    | 120               | 71              | 0.60              | 0.78           | 10      | 0.99           | 1.7    | 1.10   |
|                 | 3            | 31               | 0/-18                    | 277               | 69              | 0.25              | 0.78           | 10      | 0.98           | 1.7    | 1.13   |
|                 | 2            | 31               | 0/-18                    | 120               | 54              | 0.45              | 0.84           | 10      | 0.99           | 1.7    | 1.56   |
|                 | 2            | 31               | 0/-18                    | 277               | 53              | 0.20              | 0.84           | 10      | 0.97           | 1.7    | 1.58   |
| F32T8/ES (30W)  | 3            | 30               | 60/16                    | 120               | 70              | 0.59              | 0.78           | 10      | 0.99           | 1.7    | 1.11   |
|                 | 3            | 30               | 60/16                    | 277               | 68              | 0.25              | 0.78           | 10      | 0.98           | 1.7    | 1.15   |
|                 | 2            | 30               | 60/16                    | 120               | 53              | 0.45              | 0.84           | 10      | 0.99           | 1.7    | 1.58   |
|                 | 2            | 30               | 60/16                    | 277               | 52              | 0.19              | 0.84           | 10      | 0.97           | 1.7    | 1.62   |
| F32T8/ES (28W)  | 3            | 28               | 60/16                    | 120               | 67              | 0.56              | 0.78           | 10      | 0.99           | 1.7    | 1.16   |
|                 | 3            | 28               | 60/16                    | 277               | 66              | 0.24              | 0.78           | 10      | 0.98           | 1.7    | 1.18   |
|                 | 2            | 28               | 60/16                    | 120               | 50              | 0.42              | 0.84           | 10      | 0.99           | 1.7    | 1.68   |
|                 | 2            | 28               | 60/16                    | 277               | 50              | 0.18              | 0.84           | 10      | 0.97           | 1.7    | 1.68   |
| FB28T8          | 3            | 28               | 0/-18                    | 120               | 67              | 0.56              | 0.78           | 10      | 0.99           | 1.7    | 1.16   |
|                 | 3            | 28               | 0/-18                    | 277               | 66              | 0.24              | 0.78           | 10      | 0.98           | 1.7    | 1.18   |
|                 | 2            | 28               | 0/-18                    | 120               | 50              | 0.42              | 0.84           | 10      | 0.99           | 1.7    | 1.68   |
|                 | 2            | 28               | 0/-18                    | 277               | 50              | 0.18              | 0.84           | 10      | 0.97           | 1.7    | 1.68   |
| F32T8/ES (25W)  | 3            | 25               | 60/16                    | 120               | 59              | 0.49              | 0.78           | 10      | 0.99           | 1.7    | 1.32   |
|                 | 3            | 25               | 60/16                    | 277               | 59              | 0.21              | 0.78           | 10      | 0.98           | 1.7    | 1.32   |
|                 | 2            | 25               | 60/16                    | 120               | 46              | 0.38              | 0.84           | 10      | 0.99           | 1.7    | 1.83   |
|                 | 2            | 25               | 60/16                    | 277               | 46              | 0.17              | 0.84           | 10      | 0.97           | 1.7    | 1.83   |
| F25T8 (3' lamp) | 3            | 25               | 0/-18                    | 120               | 59              | 0.48              | 0.80           | 10      | 0.99           | 1.7    | 1.36   |
|                 | 3            | 25               | 0/-18                    | 277               | 58              | 0.21              | 0.80           | 10      | 0.98           | 1.7    | 1.38   |
|                 | 2            | 25               | 0/-18                    | 120               | 44              | 0.37              | 0.85           | 10      | 0.99           | 1.7    | 1.93   |
|                 | 2            | 25               | 0/-18                    | 277               | 44              | 0.16              | 0.85           | 10      | 0.97           | 1.7    | 1.93   |

Table continues on page 2

# Electrical Specifications:

| Lamp Type | No. of Lamps | Rated Lamp Watts | Min. Start Temp. (°F/°C) | Input Voltage (V) | Input Power (W) | Input Current (A) | Ballast Factor | THD ≤ % | POWER FACTOR ≥ | C.F. ≤ | B.E.F. |
|-----------|--------------|------------------|--------------------------|-------------------|-----------------|-------------------|----------------|---------|----------------|--------|--------|
| F17T8     | 3            | 17               | 0/-18                    | 120               | 41              | 0.34              | 0.81           | 10      | 0.99           | 1.7    | 1.98   |
|           | 3            | 17               | 0/-18                    | 277               | 41              | 0.15              | 0.81           | 10      | 0.97           | 1.7    | 1.98   |
|           | 2            | 17               | 0/-18                    | 120               | 32              | 0.26              | 0.85           | 10      | 0.99           | 1.7    | 2.66   |
|           | 2            | 17               | 0/-18                    | 277               | 32              | 0.12              | 0.85           | 10      | 0.96           | 1.7    | 2.66   |
| F40T8     | 2            | 40               | 32/0                     | 120               | 69              | 0.58              | 0.85           | 10      | 0.99           | 1.7    | 1.23   |
|           | 2            | 40               | 32/0                     | 277               | 67              | 0.25              | 0.85           | 10      | 0.98           | 1.7    | 1.27   |

# Wiring Diagram:



| Case         | Inches |
|--------------|--------|
| Length (L)   | 9.5    |
| Width (W)    | 1.7    |
| Height (H)   | 1.18   |
| Mounting (M) | 8.9    |

| Lead Length | Inches (+/-1) |
|-------------|---------------|
| Black       | 20            |
| White       | 20            |
| Red         | 49            |
| Blue        | 32            |