

## Electronic Plastic Sign Ballast Specifications

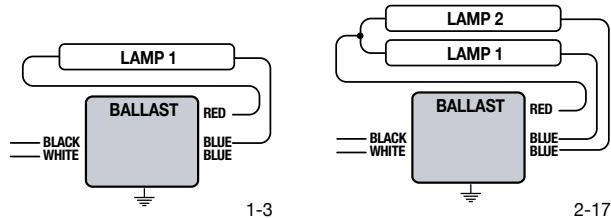
# ESB/0216/12

Ballast Type: Electronic Plastic Sign  
Starting Method: Instant Start  
Lamp Connection: Parallel  
Input Voltage: 120-277V  
Input Frequency: 50/60Hz

| Lamp Type | # of Lamps |     | Lamp Footage |     | Volts | Min. Start Temp (°F/°C) | Max Input Current (Amps) | Max Input Power (Watts) | THD % | Power Factor |
|-----------|------------|-----|--------------|-----|-------|-------------------------|--------------------------|-------------------------|-------|--------------|
|           | Min        | Max | Min          | Max |       |                         |                          |                         |       |              |
| T12/HO    | 1          | 2   | 2'           | 16' | 120   | -20/-29                 | 1.20                     | 131                     | <10   | 0.90         |
|           |            |     |              |     | 277   |                         | 0.50                     | 132                     |       |              |
| T8/HO     | 1          | 2   | 2'           | 12' | 120   | -20/-29                 | 1.10                     | 122                     | <10   | 0.90         |
|           |            |     |              |     | 277   |                         | 0.45                     | 121                     |       |              |

Ballast operates one or two lamp T12HO lamps up to 8 feet long with total lamp length between 2 and 16 feet.  
Ballast operates one or two lamp T8HO lamps up to 6 feet long with total lamp length between 4 and 12 feet.

### WIRING DIAGRAMS

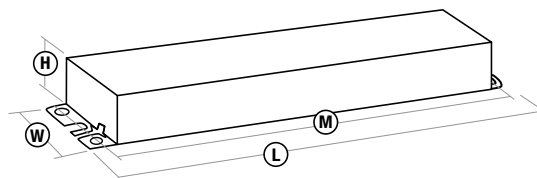


### STANDARD LEAD LENGTHS

|       | in. | cm.   |
|-------|-----|-------|
| Black | 24  | 61    |
| White | 24  | 61    |
| Blue  | 120 | 304.8 |
| Red   | 120 | 304.8 |

OCV: 800V

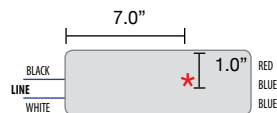
### CASE DIAGRAM



### CASE DIMENSIONS

| Overall (L) | Width (W) | Height (H) | Mounting (M) |
|-------------|-----------|------------|--------------|
| 9.50"       | 2.36"     | 1.70"      | 8.90"        |

### HOT SPOT LOCATION



Maximum Case Temperature: 194°F

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

PN# 57114