



# ProLume

## ESB/0432/14

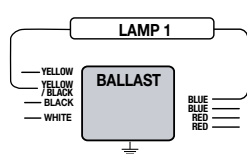
### Electronic Plastic Sign Ballast Specifications

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

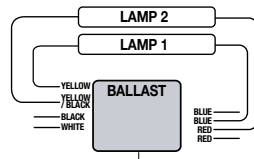
| Lamp Type | # of Lamps |     | Lamp Footage |     | Volts | Min. Start Temp<br>(°F/°C) | Max Input Current<br>(Amps) | Max Input Power<br>(Watts) | THD % | Power Factor |
|-----------|------------|-----|--------------|-----|-------|----------------------------|-----------------------------|----------------------------|-------|--------------|
|           | Min        | Max | Min          | Max |       |                            |                             |                            |       |              |
| T12/HO    | 1          | 4   | 4'           | 32' | 120   | -20/-29                    | 2.40                        | 267                        | <10   | 0.90         |
|           |            |     |              |     | 277   |                            | 1.00                        |                            |       |              |
| T8/HO     | 1          | 4   | 4'           | 24' | 120   | -20/-29                    | 2.20                        | 244                        | <10   | 0.90         |
|           |            |     |              |     | 277   |                            | 0.90                        | 242                        |       |              |

Ballast operates one, two, three or four lamp T12HO lamps up to 8 feet long with total lamp length between 4 and 32 feet.  
Ballast operates one, two, three or four lamp T8HO lamps up to 6 feet long with total lamp length between 4 and 24 feet.

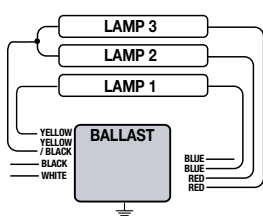
#### WIRING DIAGRAMS



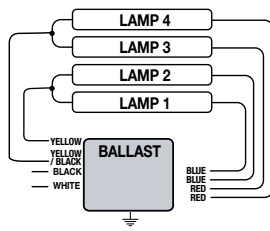
1-17



2-19



3-6



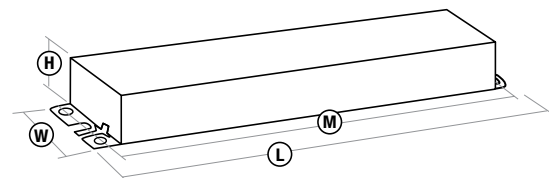
4-3

#### STANDARD LEAD LENGTHS

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

OCV: 800V

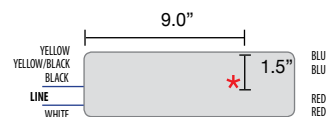
#### CASE DIAGRAM



#### CASE DIMENSIONS

| Overall (L) | Width (W) | Height (H) | Mounting (M) |
|-------------|-----------|------------|--------------|
| 11.65"      | 3.15"     | 1.85"      | 11.00"       |

#### 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# 57116

