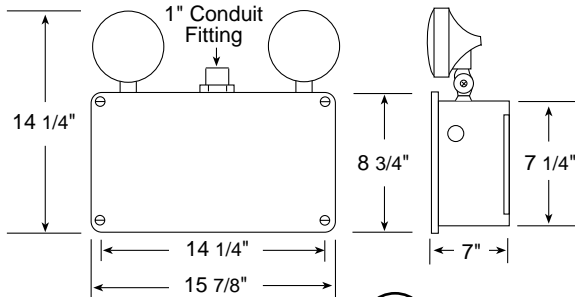




## 6 & 12 Volt Emergency Lighting Units for Class I Division II Areas

Class I, Division II, Groups A, B, C & D



Dimensions are approximate and subject to change.



LISTED STANDARD 924 & 1604



**application** Series EL (6 Volt) and E12L (12 Volt) self-contained emergency lighting units are designed to meet the specific requirements of Division II hazardous areas. Typical applications include any location where flammable materials are stored, handled, or pumped, adjacent areas where separation could break down under abnormal conditions, or virtually any public or private warehouse that stores hazardous material in drums, cartons, etc.

### features

- **CONSTRUCTION:** All units are housed in water and corrosion resistant cabinets constructed from glass reinforced structural foam and are fully sealed and gasketed. External electrical components, including test switch and indicator light, are explosion proof in design and exceed requirements for Class I, Division II, Group A, B, C & D. The battery compartment is vented by a one-way breather device to permit exhaust of battery gases and relief of internal pressure without admitting external moisture or corrosive. This design is also suitable for uses in Class II, Division II Group F & G applications.

- **ADVANCED ELECTRONICS:**
  - The Automatic microprocessor solid state charger is current limited, temperature compensated short-circuit proof and reverse polarity protected.
  - Low voltage disconnect protects batteries against excessive discharge.
  - Brownout protection circuit
  - Dual input voltage 120V/277V.

- **CONTROLS:**
  - Sealed test switch, UL listed for Class I, Division II Operation
  - Indicator light for AC-On and fault indicator (flashes)

### battery

Series EL and E12L units feature a 6 or 12 volt maintenance-free sealed lead calcium battery.

### lamp heads

Units are equipped with a choice of standard incandescent or halogen sealed beam lamps - see lamp chart below. Lamps are housed in industrial gray thermoplastic lamp shells with matching swivel. The sealed beam design completely isolates internal components from atmosphere. Wire connections are silicone sealed.

### options

|                           |        |
|---------------------------|--------|
| (Add Suffix to Model No.) | Suffix |
| Time Delay (15 min.)      | -TD    |
| 120 Volt Heater           | -H1    |
| 277 Volt Heater           | -H2    |

Note: Certain option combinations may effect the UL listing. Please contact the factory for specifics.

### accessories

|                          |       |
|--------------------------|-------|
| (Order as separate item) | Model |
| Guard                    | WG3   |

### ordering format

|                 |        |                    |             |                   |   |    |
|-----------------|--------|--------------------|-------------|-------------------|---|----|
| 2               | EL     | 24                 | /           | H7551             | - | TD |
| Number of heads | Series | Capacity Indicator | Lamp Suffix | Option Time Delay |   |    |

### unit selection chart

| Volts | Unit Model No. | Battery Sealed Type | Input Watts | Capacity in Watts to 87 1/2% of Nominal Battery Voltage |        |        |        |
|-------|----------------|---------------------|-------------|---|--------|--------|--------|
|       |                |                     |             | 1 1/2 Hrs.  | 2 Hrs. | 3 Hrs. | 4 Hrs. |
| 6     | 2EL24          | Lead Calcium        | 24          | 24  | 18     | 10     | 6      |
| 12    | 2E12L56        | Lead Calcium        | 24          | 56  | 37     | 21     | 12     |

### lamp chart

|                                 | Lamp Wattage | DC Voltage | Lamp Type    | Lamp Suffix (Add to Unit Model No.) |
|---------------------------------|--------------|------------|--------------|-------------------------------------|
| Use with 6-Volt 2EL24 Series    | 8            | 6          | Halogen      | H7551                               |
|                                 | 9            | 6          | Incandescent | 7613                                |
| Use with 12-Volt 2E12L56 Series | 8            | 12         | Halogen      | H7555                               |
|                                 | 12           | 12         | Incandescent | 4044                                |