

Attractive low-profile design allows for mounting above doors and restricted spaces. The EL90 offers full 180° lamp rotation to fit any application.

**FEATURES**

- Easy to install, snap together design
- Rugged, injection-molded UL 94 5VA flame-retardant, high-temperature thermoplastic housing
- Universal style – includes two face plates, a back plate and mounting canopy
- Each fully adjustable lamp head contains 6V, 5.4W tungsten lamps
- Low-voltage disconnect eliminates deep discharge
- Brownout, short-circuit and voltage surge protection
- Overcharge protection
- UL recognized maintenance-free lead calcium
- Universal J-box mounting system – ceiling, wall or end mount
- UL Listed 90 minute emergency run time, 24 hour recharge time
- Constant, uniform illumination by long-life, high-intensity green LEDs
- Fully-illuminated 6" characters with 3/4" stroke
- Field selectable directional chevrons included for all configurations
- 120/277VAC dual primary, 60Hz input
- Standard finish: White
- Suitable for Damp Location

**WARRANTY**

Any component that fails due to a manufacturing defect is guaranteed for five years with a separate two year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



***While Supplies Last***  
(Limited Configurations)



**ORDERING INFORMATION**

SKU	Description
GVEX-U-BP-WB-WH-EL90	LED Exit, Universal <sup>1</sup> , Green Letters, Lead Calcium Battery, White Enclosure, (2) 6V 5.4W Tungsten Lamps

**Notes**

<sup>1</sup> Universal includes two face plates, back plate and mounting canopy

## CONSTRUCTION

The VEX-EL90 Series is constructed of a precision molded housing constructed of flame-retardant, corrosion-proof, UV-stable thermoplastic. NFPA approved field selectable chevrons. Units resist denting, peeling, scratching and corrosion.

Stencil letters are 6" high with 3/4" stroke, with minimum of 100' viewing distance rating as required by UL 924 standard.

## ILLUMINATION

Illumination of the VEX-EL90 Series exit is achieved with high-output, long-lasting green LEDs. An exclusive color matched diffuser eliminates hot spots and striations providing optimal light output. LEDs are a maintenance-free solution.

## EMERGENCY LIGHTS

Emergency lights are single or double face compatible with side mounting of two 6V, 5.4W tungsten lamp heads.

## ELECTRICAL

### Input

Dual-voltage input 120 or 277VAC @ 60Hz.

### Sealed Lead Calcium Battery

Extronix sealed lead calcium batteries are maintenance-free with a life expectancy of five years. Sealed lead calcium batteries provide a relatively large power-to-weight ratio making them ideal for emergency applications. Lead calcium batteries perform optimally in temperatures ranging from 59°F to 104°F (15°C to 40°C).

### Emergency

The VEX-EL90 Series exit will operate for a minimum of 90 minutes during a loss of power with a 24 hour maximum recharge time for the battery.

### Brownout Circuit

Brownout circuit monitors the line voltage, as the line voltage sags and can no longer illuminate the exit sign to meet UL 924 visibility test. The emergency circuit will turn on to supply a portion or all the power to illuminate the sign for 90 minutes until the line voltage is restored.

### Low Voltage Disconnect

Low Voltage Disconnect (LVD) measures the battery terminal voltage. The LVD continuously monitors the battery terminal voltage and if it should fall below a preset voltage threshold the LVD will disconnect the load. When the battery is recharging and voltage is raised above another preset voltage threshold the load is automatically reconnected.

### Solid-State Transfer

The circuit features Solid-state switching for emergency lamps and eliminating concerns of damaged contact or mechanical failures associated with relays. The switching circuit detects a loss of line voltage and automatically switches to emergency mode.

### Overload and Short-Circuit Protection

The overload monitoring system is a Solid-state circuit which monitors the lamp load and disconnects from the battery shall an overload or short circuit occur. The overload current protection eliminates the need for fuses or circuit breakers for the DC load.

### Test Button

The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps.

## INSTALLATION

Installs in minutes with easy-to-read instructions and detailed diagrams. No special hardware or tools necessary. Internally housed components and battery.

### Damp Location Rated

Damp Location rating ensures the fixture is designed to operate safely in outdoor locations that are protected from the direct elements. Damp Location rated fixtures may be installed indoors. Products with Damp Location ratings are not designed to withstand constant or significant moisture or direct contact with water or steam.

## CONFORMANCE TO CODES & STANDARDS

The VEX-EL90 Series is UL Listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

## DIMENSIONS

