

# VEXCL LED Series

New York City Approved Steel Combination LED Exit

Attractive and easy to install. The VEXCL-8 LED offers energy efficient LED illumination and reliable emergency lighting in a durable steel enclosure. The VEXCL-8 is ideal for any commercial, institutional, or industrial application.

## FEATURES

- Meets City of New York Emergency Code requirements
- Enclosure constructed of 20 gauge welded steel
- Universal style – includes 2 face plates, a back plate and mounting canopy
- Charge rate/power "ON" LED indicator light with test button
- Low voltage disconnect eliminates deep discharge
- Brown-out, short circuit and voltage surge protection
- UL recognized maintenance-free Sealed Lead Acid (SLA)
- Universal Mounting – Ceiling, wall or end mount
- ETL listed 90 minute emergency run time, 24 hour recharge time
- Constant, uniform illumination by long-life, high intensity and red LEDs
- Fully-illuminated 8" characters with 1" stroke
- Chevron-style, universal arrow knockouts
- 120/277V dual primary, 60Hz input
- Standard finish: White

## WARRANTY

Any component that fails due to manufacturers defect is guaranteed for 3 years with a separate 3 year pro-rated warranty on the battery. The warranty does not cover physical damage, abuse or acts of God. See the full Exitronix warranty document for detailed information.

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



## ORDERING INFORMATION

Model	Description
VEXCL-8-S-WH-2	8" Red Letters, Universal, Steel Enclosure, NiCad Battery, White Finish, (2) SMD 5630, 6000K, LED Lamps, Includes Mounting Canopy
VEXCL-8-S-WH-3	8" Red Letters, Universal, Steel Enclosure, NiCad Battery, White Finish, (3) SMD 5630, 6000K, LED Lamps, Includes Mounting Canopy

## CONSTRUCTION

Our steel VEXCL-8 exit combo enclosure and mounting canopy are 20 gauge galvanized steel with baked-on, powder coated paint. Face plate is .031 thick steel and has 3/4" black letters with red or green LEDs.

Stencil letters are 8" high with 1" stroke, with minimum of 100 ft viewing distance rating as required by UL924 standard.

## ILLUMINATION

Illumination of the VEXCL-8 series is accomplished utilizing high-intensity, long-life LEDs exceeding UL 924 requirements for brightness and uniformity. LEDs provide excellent illumination while maximizing energy efficiency.

## EMERGENCY LIGHTS

The VEXCL-8 LED Combo Lamp heads are constructed of high impact thermoplastic in a color matching the finish of the cabinet (white is standard). Heads feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping. Offered with either (2) 1 Watt LEDs or (3) 1 Watt LEDs.

## ELECTRICAL

### Input

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

### Sealed Nickel Cadmium Battery – NiCad (With Battery Only)

Extronix nickel cadmium batteries are maintenance-free with a life expectancy of 15 years. Nickel cadmium batteries offer high discharge rates and continue to perform in a vast temperature range from 32°F - 104°F (0°C - 40°C).

### Emergency

The VEXCL-8 Combo 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 UL924 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, 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

Interchangeable stencil face and/or back plate slide-fit flush into frame for optimum light seal. Fastening is done by means of a Phillips head screw located in the center bottom frame. Back plate is supplied with a universal knockout pattern for quick, easy installation. Canopy is low profile and offers simple installation for either top or side mount.

## CONFORMANCE TO CODES & STANDARDS

The VEXCL-8 LED Combo Series is ETL listed and meets or exceeds the following: UL 924, NEC requirements and NFPA 101.

## DIMENSIONS

