



Project: \_\_\_\_\_

Location: \_\_\_\_\_

Cat.No: \_\_\_\_\_

Type: \_\_\_\_\_

Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

## Ordering guide

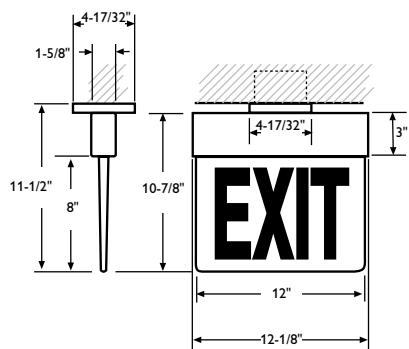
Example: 45VLSC1RCAL

Family	Mounting	No. of Faces	Housing Finish	Letter/Panel Color	Directional Indicator
<b>45VL</b> LED (AC Only)	<b>SC</b> Surface Ceiling Mount	<b>1</b> Single face	<b>Blank</b> Satin Aluminum	<b>RC</b> <sup>1</sup> Red on Clear	<b>Blank</b> No chevrons
<b>ER45VXL</b> Emergency LED w/Xtest	<b>SW</b> <sup>1</sup> Surface Wall Mount	<b>2</b> Double face		<b>RW</b> Red on White	<b>AL</b> Left (single face)
				<b>RM</b> <sup>2</sup> Red on Mirror	<b>AR</b> Right (single face)
				<b>GC</b> <sup>1</sup> Green on Clear	<b>AD</b> Left & Right (single or double face)
				<b>GW</b> Green on White	<b>LR</b> Left or Right (double face)
				<b>GM</b> <sup>2</sup> Green on Mirror	

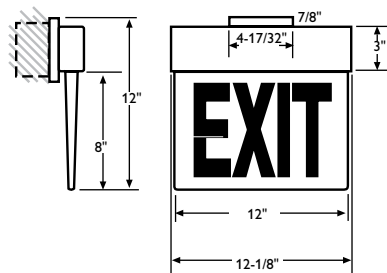
1. Single face exit only.
2. Mirror background simulates clear background on single or double face.

## Dimensions

### Surface Ceiling



### Surface Wall



CHEVRON Indicator	DIRECTION		LEGEND
	Panel Front	Panel Back	
AL (single face)	<EXIT		<input type="checkbox"/>
AR (single face)	EXIT>		<input type="checkbox"/>
AD (single face)	<EXIT>		<input type="checkbox"/>
LR (double face)	<EXIT	EXIT>	<input type="checkbox"/>
AD (double face)	<EXIT>	<EXIT>	<input type="checkbox"/>

# 45V Surface architectural edge-lit exit sign

## Exit and Emergency

### Codes and standards

- UL listed to Standard 924 & damp location optional
- NFPA 101 (Life SafetyCode)
- NEC 70 (National Electric Code) and OSHA Standards
- California Energy Commission

### Construction

- Exit panel is ultrasonically welded together to eliminate visible hardware .
- Standard finishes are provided in brushed aluminum .
- Panel is injection molded wedge shape acrylic panel .
- 6" letters with 3/4" stroke .
- Precision molded letters and chevrons (red or green) .
- Clear background with optional white or mirror inserts .

### Installation

- Surface mounted exits do not require a recessed back box .
- Includes hanger bars for easy mounting .

### Electronics

- Dual input voltage : 120/277VAC
- Standard emergency electronics provide a state-of-the art self-test/self-diagnostic circuitry .
- Features an exclusive system that aids in correcting wiring mistakes by checking power and wiring before applying a load to system components .
- All emergency units have built-in circuitry protection/low-voltage battery disconnect and transformer isolation .
- Solid state charger , test switch and green LED AC status indicator along with three red fault indicators .
- Power Consumption
  - AC Only : (single or double)  
Red = 2 . 9 Watts , Green = 3 . 5 Watts
  - Emergency Only : (single or double)  
Red = 2 . 9 Watts , Green = 3 . 5 Watts

### LED

- The 45VL and ER45VXL exits utilize high lumen output light emitting diodes (LEDs) for greater visibility and uniformed illumination . The LEDs are independently wired with multiple circuits .

### Battery

- Maintenance free , sealed nickel cadmium battery .
- Operating temperature range of -20°C to 40°C (-4°F to 104°F) .
- Provides a minimum of 90 minutes of emergency illumination .

### Warranty

- Five year warranty on unit .

### Xtest

Xtest self-diagnostic/self-testing management system is standard.

- Multiple LED indicators flash warnings when attention is needed
- Micro-controller verifies all systems operation
- Exceeds all UL and NFPA requirements for self-testing.
- Full open circuit testing every hour.

### Testing Specifications

#### Automatic Test:

The system charger and lamps are continually being controlled via pre-determined parameters specific to each model configuration, automatically. The battery is controlled via a true open circuit test each hour after initial installation. Every thirty days the System illuminates lamps under load for 30 minutes, simulating a power outage with a true charger off condition, without affecting long-term battery life. This is above and beyond the requirements of the National Electric Code and/or the National Fire Protection Association. This gives you unequaled control and confidence, knowing you are meeting self-test code requirements each and every month.

#### Manual Test:

A manual test switch allows for the system to perform the following tests any time:

Press Button:

Once – 5 second, charger off, no load

Twice – 60 second, charger off, lamps on

Three – 90 minute, charger off, lamps on

6 second hold – fully reinitializes microprocessor

Pressing once during any test will cancel/abort testing.