



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Ordering guide

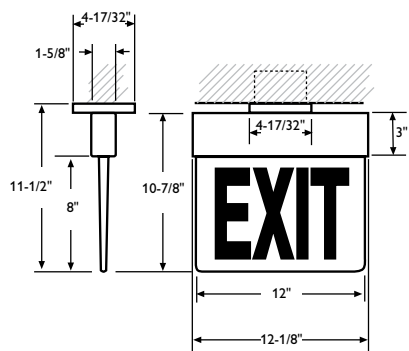
Example: 45VLSC1RCAL

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

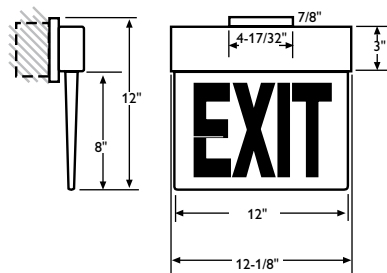
1. Single face exit only.
2. Mirror background simulates clear background on single or double face.

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
- NFPA 101 (Life Safety Code)
- 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.