



# SERIES XLD, XLED

TYPE: \_\_\_\_\_  
 CATALOGUE #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_



## Self-Contained LED Die Cast Aluminum AC, AC/DC, or Self-Powered Exit Signs



### Features

- Precision die cast aluminum housing features invisible, universal chevron and mounting knockouts.
- All signs are 120 to 277Vac 50/60Hz.
- High intensity LED's with diffuser disperses light and enhances brightness for a fully even illuminated 3/4" stroke.
- LED's draw less than 2 watts of electricity for either single or double face signs.
- Low profile mounting canopy included with all exit signs for universal top, end or back mount.
- AC/DC signs operate off a remote DC power source when AC power fails. DC input is a 2-wire, 6-24Vdc universal input.

### Self-Powered Units

- **Self-Powered Models are now self contained, all circuitry and batteries are contained inside the exit housing.**
- Fully integrated circuitry includes 120-277Vac 50/60Hz universal input circuit, automatic, temperature compensated charger, charge monitor LED and test switch.
- Long life, maintenance-free, sealed Nickel-Cadmium battery
- **DIAGNOSTIC OPTION:** Continuously monitors every critical function of the unit.

### Options

<b>(Add Prefix to Model No.)</b>	<b>Prefix</b>
Fully Recessed .....	<b>R</b>
<b>(Add Suffix to Model No.)</b>	<b>Suffix</b>
Dual circuit (AC only) .....	<b>-2</b>
Vandal Resistant Screws .....	<b>-VR</b>
Lexan Face Shield with Vandal Resistant Screws .....	<b>-LVR</b>
Fire Alarm Activated Flasher (Self-powered signs only) .....	<b>-FAF</b>
Buzzer and Flasher (Self-powered signs only) .....	<b>-FB</b>
Open Face / Special Wording .....	<b>-Y</b>
Damp Location .....	<b>-DL</b>
Custom Colors and Finishes are available upon request	

### Accessories (Order as separate item)

	<b>model</b>
pendant, white .....	<b>-PW-*</b>
pendant, black .....	<b>-PB-*</b>
* Specify length of pendant (12", 24", 36", etc.)	

### Ordering Information Example: 2XLEDARAVRN

### AC Only Signs

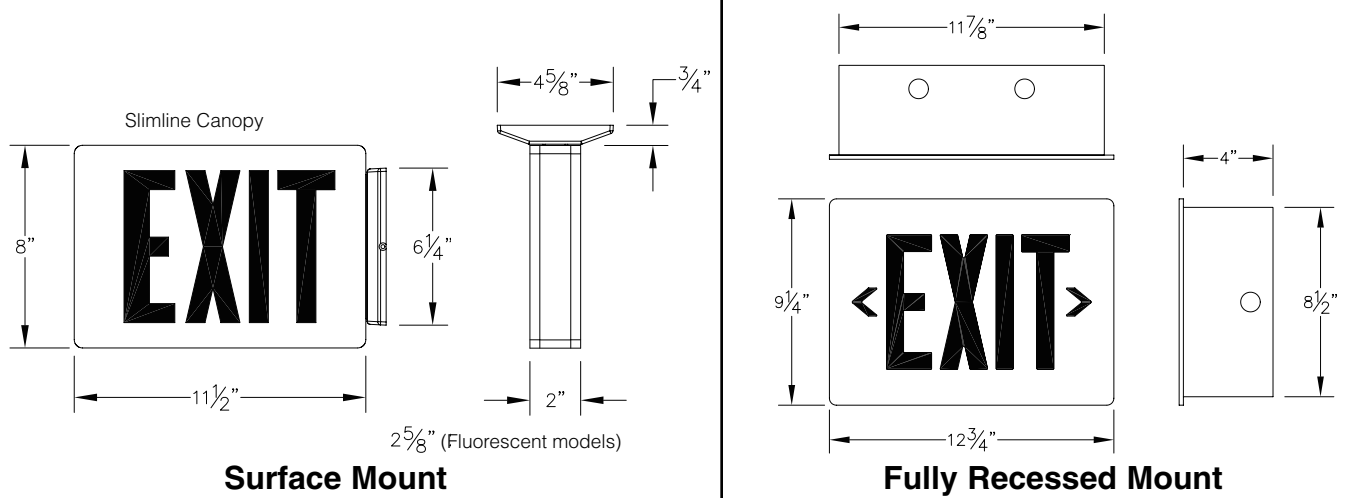
Series	Housing Colors	Letter/Stencil Colors	Option	Standard series Designator
XLD = single face	B= black	RB= red/black	VR= vandal resistant screws	N= (see note)
2XLD= double face	W= white	GB= green/black		
	A= brushed aluminum	RW= red/white		
	DB= dark bronze	GW= green/white		
		RA= red/brushed aluminum		
		GA= green/brushed aluminum		
		RDB=		
		GDB=		

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Note: The "N" designates features self-powered units with improved diagnostic and AC units with DC-remote input (6-24Vac)

# Specifications For Series XLD, XLED



## Diagnostic/Self-Test Feature (standard)

Diagnostic / Self Test circuitry is standard on all self-powered models. This circuitry is programmed to ensure the exits readiness and reliability by continuously monitoring every critical function of the unit. If a problem occurs, a single service required indicator illuminates immediately. A detailed diagnostic display is located on the inside of the exit sign, out of sight from the general public. The detailed diagnostic display inside the exit sign will further indicate the nature of the fault. The self test will test the unit for 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually.

## Power Consumption

Model	AC Specs		DC Specs	
AC-only	120 to 277 VAC	1.4 W	-	-
AC/DC	120 to 277 VAC	1.4 W	6 to 24 VDC	Less than 1.5 W
Self-powered	120 to 277 VAC	1.7 W	NiCad battery	Min. 90 minutes

The following specifications refer to both Series XLED (Self-powered) and Series XLD (AC only) LED die-cast exits.

**GENERAL:** LED Even illumination Die-Cast Aluminum Exit Signs shall be Lightalarms Galaxy Series XLED (Self-powered) or Series XLD (AC only). Signs shall be manufactured in accordance with UL924 requirements and be installed to conform to the National Electrical Code®. Input power shall be universal 2-wire input 120-277Vac 50/60Hz for Series XLD (AC only) and XLED (Self-Powered). Series XLD (AC only) and XLED (Self-Powered) shall consume less than 2 watts of electricity for either single face or double face signs.

**CONSTRUCTION:** Exit housing, stencil face and canopy shall be precision die cast from high strength aluminum. Unit shall have a stencil face with stenciled letters and field selectable universal chevron knockouts. Letters shall be 6" high with a 3/4" stroke. Low profile canopy shall be supplied for use with XLD (AC only) and XLED (Self-Powered) exit frame (not required for back mount).

**LAMP:** The sign shall be provided with an ultra long life, high intensity LED light panel mounted totally within the exit housing. Red LED technology shall be ALINGAP. A color enhanced special diffuser shall be mounted in front of the light panel to provide a full, even illumination 3/4" letter stroke.

The following electronics specifications refer to self-powered LED (Series XLED) signs only.

**GENERAL:** Battery and all integrated circuitry shall be mounted completely within the exit housing not in the canopy. In the event of a power failure, the exit sign will be illuminated for a minimum of 90 minutes.

**CHARGER:** Integrated circuitry - fully automatic solid state charger, and temperature compensated shall be provided.

**BATTERY:** Shall be furnished with a maintenance-free sealed Nickel-Cadmium battery.

**CONTROLS:** Pilot light shall be provided to indicate equipment is functional. Momentary test switch shall be provided to allow for periodic testing of the entire system.

### WARRANTY\*:

**Units:** Exit signs shall carry a 5 year full warranty.

**Batteries:** The sealed Nickel-Calcium battery shall carry a 5 year full warranty, plus 5 years pro-rata.

Complies with NEC, Life Safety Code and OSHA.

### MANUFACTURER:

Unit shall be Lightalarms Model \_\_\_\_\_



**Thomas&Betts**