



SERIES GENESIS™

TYPE: _____
 CATALOGUE #: _____
 NOTES: _____



Die Cast Aluminum LED AC, AC/DC, or Self-powered Exit Sign

**Compact Design and
Diagnostic/Self-Test Feature**



Features

- Precision die cast aluminum housing features invisible, universal chevron and mounting knockouts.
- Optional damp location listing on all models.
- High intensity LED's with diffuser disperses light and enhances brightness for a fully even illuminated 3/4" stroke.
- LED's draw maximum 3 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.
- All AC only signs come wired as AC/DC signs which 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 self contained, all circuitry and batteries are contained inside the exit housing.
- Fully integrated circuitry includes a 2-wire 120-277Vac voltage input transformer, automatic, temperature compensated charger, charge monitor LED and test switch.
- Long life, maintenance-free, sealed Nickel-Cadmium battery
- **Diagnostic / Self Test Standard:** Continuously monitor every critical function of the unit. Unit automatically performs monthly testing in accordance with NFPA101, Life Safety Code.

Diagnostic / Self Test Feature (standard)

The self test and diagnostic feature continuously monitors the charger assembly, battery and LED assembly current. If a fault is indicated the external service required indicator will illuminate. Internal fault indicators will indicate the nature of the fault circuit charger, battery, lamps. The diagnostic/self test will self test for 30 seconds every 30 days, 30 minutes every 60 days and 90 minutes annually. Meets NFPA 101 Life Safety Code requirements for periodic testing.

Options

(Add Prefix to Model No.)	Prefix
8" EXIT legend for NYC code	8
(Add Suffix to Model No.)	Suffix
Dual Circuit (AC only)	-2
Open Face / Special Wording	-Y
Vandal Resistant Screws	-VR
Lexan Face Shield with Vandal Resistant Screws	-LVR
Fire Alarm Activated Flasher (Self-powered signs only)	-FAF
Buzzer and Flasher (Self-powered signs only)	-FB
Damp location listing	-DL
<i>Custom Color and Finishes available upon request.</i>	

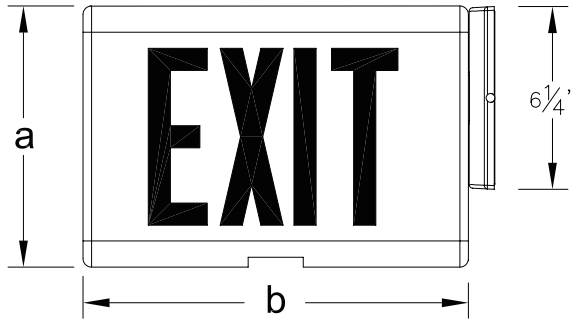
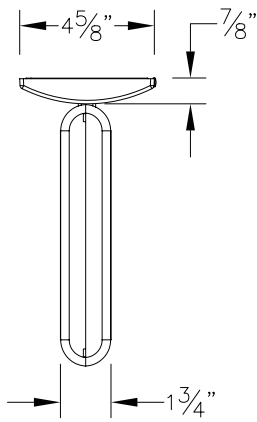
Accessories

(Order as separate item)	Model
Pendant Mount White	GPW-*
Pendant Mount Black	GPB-*
*Specify length of pendant (12", 24", 36", etc.)	

Ordering Information Example: GXEBRABVRN

Series	Unit Colors	Letter Colors	Stencil Colors	Face Colors	Option	Standard
AC-only GXM= single face 2GX= double face	B= black W= white A= brushed aluminum	R= red G= green	A= brushed aluminum	B= black W= white A= brushed aluminum	VR= vandal resistant screws	N= designator
Self-powered GXE= single face 2GXE= double face						

Specifications For Series Genesis



Letters	Dimensions	
	a	b
6"	8-7/8"	13-1/16"
8"	10-1/2"	15-1/4"

Power Consumption Chart

Model (6")	AC Specs		DC Specs	
AC-only	120 to 277Vac	1.25W	-	-
AC/DC	120 to 277Vac	1.25W	6 to 24Vdc	Less than 1.5W
Self-powered	120 to 277Vac	1.6W	NiCad battery	Min. 90 minutes
Model (8")	AC Specs		DC Specs	
AC-only	120 to 277Vac	2.5W	-	-
AC/DC	120 to 277Vac	2.5W	6 to 24Vdc	1.6W
Self-powered	120 to 277Vac	2.9W	NiCad battery	Min. 90 minutes

GENERAL: Even illumination LED Exit Signs shall be Genesis Series GX(AC Only) and GXE (Self powered). Signs shall be manufactured in accordance with UL 924 requirements and be installed to conform to the National Electrical Code®. Input power shall be a universal 2-wire 120-277Vac input for AC-Only AC/DC, and Self powered signs. Sign shall consume less than 3 watts for AC-Only AC/DC or Self powered models. All signs shall conform to the requirements of the EPA Energy Star® Program.

CONSTRUCTION: Exit housing, stencil face and canopy shall be constructed from precision die cast aluminum. Unit shall have a die cast aluminum door with Exit legend and field selectable chevron knockouts. Letters shall be 6" high with a 3/4" stroke. Low profile canopy shall be supplied for both AC only and Self powered models.

LAMP: The sign shall be provided with Energy efficient, long life and high intensity LED's. Red LED's shall be of ALLINGAP technology. A color enhanced special diffuser shall be mounted in front of the LED's to provide full even illumination.

SELF POWERED MODELS

GENERAL: Nickel-Cadmium Battery and all integrated circuitry shall be mounted inside the exit housing. In the event of a power failure the exit sign shall be illuminated for a minimum of 90 minutes.

CHARGER: An automatic, temperature compensated, solid state charger shall be provided.

BATTERY: The self powered unit will contain a Nickel- Cadmium battery housed within the exit housing.

CONTROLS: Self testing Diagnostics shall be standard on all self powered models. The diagnostics shall indicate problems that may exist with the charger and or battery.

WARRANTY*:

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

Batteries: The Nickel- Cadmium battery shall carry a 5 year warranty plus a 7 year pro-rata.

* Subject to proper installation and maintenance.

LISTED to UL Standard 924. Complies with NEC, NFPA Life Safety Code and OSHA requirements.

MANUFACTURER:

Unit Shall be **Lightalarms** Model _____

