



SIMPLICITY SERIES

TYPE: _____
CATALOGUE #: _____
NOTES: _____



Premium Die Cast Edge-Lit Exit Sign

*Evaluated To UL924 Standard.
Sealed Maintenance-Free Battery
• Nickel-Cadmium
Recessed ceiling mount only*



Standard Features

- Modular sub-assembly design facilitates quick installation
- Flat trim plate for flush mounting to ceiling
- 120/277 Vac universal voltage input for AC and Self-Powered models
- Rugged steel backbox and die cast trim plate. The aluminum trim plate (optional colors available) is designed to fit integrally with the 20 gauge steel back box to prevent light leaks.
- Extruded acrylic, U-shaped clear panel provides superior optical clarity and the computer engraved legend clearly defines the wording
- High brightness LEDs transmit light directly into both ends of unique U-shaped panel
- Maximum light reflectance with specially formulated "LED Sensitive" ink
- Mirror contrast panels are now available to make a double face sign match with Red or Green on clear single face signs
- Premium Nickel-Cadmium battery
- Optional self-testing/self-diagnostic circuit
- Bar hanger kit included with each sign
- Energy star compliant

Electrical

Power Requirements: AC-Only 120/277 Vac, 50/60 Hz., 2W.
Power Requirements: Self-Powered 120/277 Vac, 50/60 Hz., 2.5W. LED lamps operate from a highly efficient solid state driver that provides surge protection from the lamps.
Transfer: solid state relay automatically and instantly transfers lamp load upon failure of AC supply. **Brownout:** close tolerance electronic circuit activates emergency unit when utility power dips below nominal voltage.
Charger: current limited and short circuit protected. Charger regulation $\pm 1\%$. The equipment is capable of full recharge in compliance with UL924 specifications. Universal 120 through 277 Vac input.
Controls: Combination push button test switch and LED AC indicator light.

Diagnostic / Self Test Feature (optional)

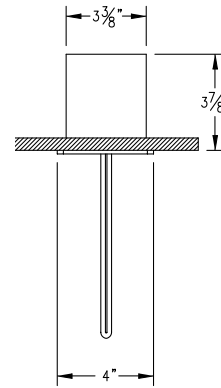
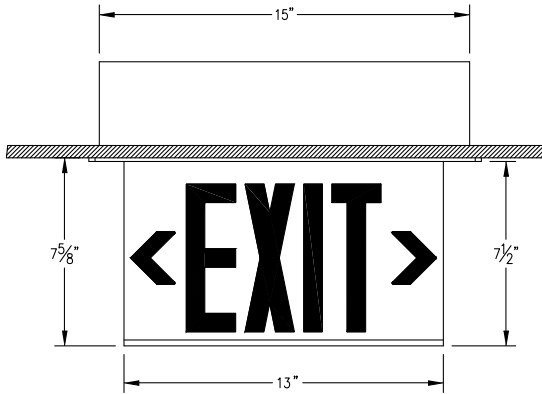
Diagnostic / Self Test circuitry is standard on all self-powered models. This circuitry is programmed to ensure the exits readiness and reliability by continuously monitoring every critical function of the unit. If a problem occurs, a single FAULT indicator illuminates immediately. A detailed diagnostic 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.

LED Light Source Benefits

- Unit power consumption is less than 3 watts per sign: AC only or self-powered, single or double face.
- Illumination is 100% in both AC and emergency operation.
- Simplicity LED Series signs require no maintenance. Long life LEDs eliminate typical twice a year relamping
- Simplicity LED Series signs are unaffected by the vibrations, ambient temperature swings and typical power surges detrimental to standard exit light sources.

Specifications For Simplicity Series

Dimensions are approximate and subject to change.



Typical Specifications

The equipment shall operate with universal two-wire AC input voltage from 120 Vac to 277 Vac. The trim assembly shall be fabricated of die cast aluminum and consist of a universal satin-coated steel back box. The back box shall be provided with conduit knockouts on top, back, and end. The trim plate shall attach to the housing assembly with two (2) torsion spring retainers thereby eliminating all visible screws or hardware. The LED light strip shall be contained within the trim plate. Red LED technology shall be ALINGAP. The polished acrylic face panel shall have precision etched 6" high and 3/4" inch stroke red letters with a white, clear or mirror background. The equipment shall be provided with bar hangers to facilitate installation.

The exit sign in a self-powered configuration shall stay illuminated during emergency operation for at least 90 minutes upon AC failure.

The equipment shall be Lightalarms Model - _____.

Optional Features

Description

Add Suffix

8" Lettering for NYC Code	-8
Dual Circuit Operation (AC Only)	-Y
Self Testing/Self Diagnostic (Self-Powered Only)	-D

NOTE: Certain option combinations may affect the listing.

Please contact the factory for specifics.

Accessories (order as a separate item)

Two 27" adjustable bar hangers*	TBH
Special Wording	Contact Factory

*Bar hangers supplied with unit, order as replacement only.

Power Consumption

Model	AC Specs		DC Specs	
AC-only	120 to 277 Vac	2 W	-	-
AC/DC	120 to 277 Vac	2 W	6 to 24 Vdc	Less than 1.5 W
Self-powered	120 to 277 Vac	2.5 W	NiCad battery	Min. 90 minutes

Arrow (Chevron) Designation

Arrow Right (AR)	Arrow Left (AL)	Single Face Double Chevron (1DC) Double Face Double Chevron (2DC)	Double Face Single Chevron (CLCR) Represents each side of a double face panel.

*Wording and chevron's not to scale. Illustration purposes only.

Unit Warranty*

Unit carries a 5-year full warranty.

Battery Warranty*

Sealed Nickel Cadmium Battery has a 10 year life expectancy and carries a 5-year Full Warranty, plus a 5-year pro rata warranty.

*Subject to proper installation and maintenance.

Ordering Information AC Only, Self-powered

Example: SLEDWRWDRCR

Panel size	Series	Unit color	Panel type	Trim	Directional Chevron	Options*
Blank= 6" letters	SLED= AC only	W= white	*RC= red/clear	Z= flat trim (Recessed only)	Blank= single face, no chevron	FB = flasher/buzzer
8= 8" letters	SPLED= self-powered	A= brushed aluminum	RM= red/mirror		2= double face, no chevron	*Special wording contact factory.
		B= black	RW= red/white		CR= chevron right	
			*GC= green/clear		CL= chevron left	
			GM= green/mirror		CLCR= double face, single chevron	
			GW= green/white		2DC= double face, double chevron	
			*RC or GC -not available as double face.		1DC= single face, double chevron	



Thomas & Betts