

DUAL LITE

Dual-Lite **SEMPRA™** *Cast Exit Signs*
Add New Meaning To Multi-Tasking



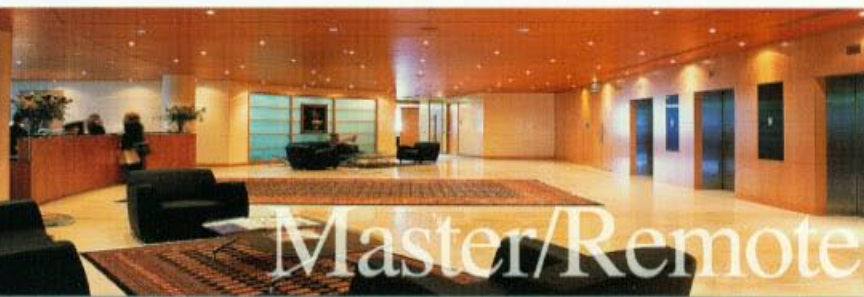
Rugged Location



Damp/Cold



Special Wording



Master/Remote



Standard Use

Sempra Cast-Aluminum Exit Sign Series: New Solutions For Every Application

The new Dual-Lite Sempra Cast-Aluminum LED Exit Sign Series is designed to provide the widest selection in the industry...offering you unsurpassed flexibility in providing a solution for any commercial, industrial or institutional application.

When you choose Sempra, you select a series of cast exit signs engineered to provide solutions for:

- ◆ High-abuse locations
- ◆ Damp/cold environments
- ◆ Special wording
- ◆ Master/remote installations
- ◆ Architectural requirements
- ◆ AC, emergency and self-testing/self-diagnostic needs

You'll also find each Sempra cast features rugged construction and the aesthetic appeal of clean, classic lines that enhance any building decor.

Features	Benefits
◆ Low-profile architectural styling	◆ Classic design complements any decor
◆ Bright, even illumination	◆ Increases visibility, maximizes safety
◆ Long-life LEDs	◆ Minimizes lamp replacements, saves money
◆ Five-minute installation	◆ Time-saving design reduces labor costs
◆ Universal ceiling, end or wall mount	◆ Fits every mounting configuration
◆ Spectron self-testing/self-diagnostic electronics system	◆ Maximizes performance reliability (lifetime warranty)
◆ Quick-connect mounting canopy	◆ Easy five-minute installation
◆ Snap-out knockouts and chevron directional arrows	◆ Simplifies mounting and adding directional arrows
◆ Push-in AC wiring connectors	◆ Faster installation
◆ EnergyStar compliance	◆ Saves energy
◆ LED power consumption under 1 watt	◆ Helps reduce costs and energy consumption
◆ Four decorator finishes	◆ A sign for every decor
◆ Red and green letter illumination	◆ Blends in with any interior
◆ Exceeds UL924 standards for brightness, uniformity and direction indicator specifications	◆ Right choice in exit signs for today and tomorrow



High-Quality Cast Exits For Every Application

Cast Standards

Sempre quality and basic features are setting a new industry standard for cast-aluminum exit signs. Whether they're used in malls, schools, office buildings...any location that requires the durability of a cast exit sign, Sempra cast exit signs are the perfect choice, with features that include:

- ◆ Rugged, die-cast aluminum construction
- ◆ Low-profile architectural styling
- ◆ Four housing finishes
- ◆ 20-year LEDs in red or green
- ◆ Easy five-minute installation
- ◆ Snap-out knockouts and chevrons
- ◆ Universal ceiling, end and wall mount
- ◆ Universal 120/277 VAC input



Severe Conditions

Outdoor facilities from parking garages to stadiums...Damp locations such as warehouses and indoor public pools...Any location where conditions put exit signs to the test, Sempra severe condition models are up to the task. In addition to heavy-duty, die-cast construction that ensures protection against vandalism and tampering, you'll find:

- ◆ All severe condition signs are UL damp location listed with a temperature range of 0-40° C
- ◆ XTR temperature range option performs from -20° C to 50° C
- ◆ Our high-energy, rechargeable/recyclable nickel-cadmium battery withstands the most demanding conditions and climates
- ◆ Tamper-proof hardware prevents entry by unauthorized personnel
- ◆ A polycarbonate shield protects the exit face



Special Wording For Special Situations

Often, applications require a cast-aluminum sign with special wording or symbol. With Sempra open face diffusers, your choices are unlimited. You can select from the standard choices shown below, or have us customize one for you*.



TO EXIT
NOT AN EXIT
IN USE
X-RAY IN USE
DARKROOM IN USE
CAUTION
DO NOT ENTER
TEST IN PROGRESS
ON AIR
AREA OF REFUGE
AREA OF REFUGE
(w/wheelchair symbol)
AREA OF RESCUE ASSISTANCE
AREA OF RESCUE ASSISTANCE
(w/wheelchair symbol)
ELEVATOR
RESTROOMS
MEN
MEN (w/symbol)
WOMEN
WOMEN (w/symbol)

*For custom wording,
please contact Dual-Lite.



Master/Remote

Use of master/remote combination exit signs for hotels and other high-traffic areas continues to grow as a result of ever-changing code requirements. Sempra prepares you to meet this need with low-profile master/remote cast-aluminum exit sign sets that are both durable and aesthetically pleasing. Sempra master/remote exit set features include:

- ◆ Over-the-door and low-placement sign sets
- ◆ Beveled, low-profile remote sign that meets ADA size specifications
- ◆ Easy installation without cutting — mounts to standard electrical box
- ◆ Durable acrylic LED panel for enhanced damage resistance
- ◆ Easy connectivity from master to remote — using standard wiring
- ◆ Wide range of options, including vandal/tamper protection



Spectron® – Self-Testing/Self-Diagnostic Reliability

Spectron Self-Testing/Self-Diagnostics

Spectron self-testing/self-diagnostic electronics now offers the simplest, most cost-effective way to ensure the operational reliability of life safety equipment.



The Sempra Spectron electronics system panel on each cast exit sign is a simple, time-saving way to visually check:

- ◆ AC power status
- ◆ Self-diagnostic cycles
- ◆ Diagnostic results

The result is the assurance of knowing each Sempra cast-aluminum exit sign is operating at peak performance.

Spectron Features

- ◆ Full compliance with NFPA 101 and UL924 life safety requirements for self-testing/self-diagnostics
- ◆ Monitored charger, transfer circuit and lamp operation that assures operational readiness
- ◆ Automatic AC lockout circuit
- ◆ Flashing LED indicating unit malfunction or test cycle
- ◆ Detected malfunctions that remain in memory until corrected or retested
- ◆ User-programmable 1, 5, 30 or 60-minute system check



First Lifetime Warranty!

The Sempra Spectron self-testing/self-diagnostic electronics system offers an industry first — a lifetime warranty. The warranty covers all Spectron electronics, the LED light strip and unit battery.

Warranty Details

Sempra cast-aluminum exit signs equipped with the Spectron system are guaranteed by Dual-Lite under normal and proper use, against defects in material and workmanship for the life of the product. The lifetime warranty covers all electronics, LED light strip and unit battery.

Sempra...

Quality That Makes A Statement

Sempra stands for quality — quality that has made the name Dual-Lite synonymous with life safety excellence for more than 50 years and the industry's number one brand. You'll see it in the materials we've selected, our engineering and, most importantly, Sempra performance.

It's what you've come to expect from Dual-Lite — and what you will receive from each Sempra cast-aluminum exit sign you choose.

Four Great Finishes

Your Sempra choices also include four finishes. But no matter which you select, you'll receive the highest quality cast-aluminum exit sign available and performance that's unsurpassed. Choose from:

- ◆ White
- ◆ Black
- ◆ White/Brushed Face
- ◆ Back/Brushed Face

Only 5 Minutes To Install!

Dual-Lite made five-minute exit sign installation the industry standard. Now, that standard is a key feature of our Sempra series.

We've designed Sempra cast-aluminum exit signs for easy installation in four simple steps:

Step 1

Remove directional arrows (if required) and appropriate breakouts for the mounting position you select.

Step 2

Attach housing to electrical box (wall mount). Attach universal mounting plate and canopy to electrical box (top or end mount).

Step 3

Attach exit housing to canopy bracket (top or end mount only).

Step 4

Make AC connections and close sign. Installation completed!



Ask For Sempra

Sempra cast-aluminum exit signs offer more options and features — and application flexibility — than any other series in the industry.

Contact your Dual-Lite representative for more information on how Sempra can meet your expectations for quality, diversity and performance. Sempra...today's solutions for tomorrow's needs.

Designed To Handle Any Task – In Any Location



Commercial, industrial or institutional applications

– Sempra standard cast exits set a new standard for quality and features.

Severe conditions – Each Sempra model designed for severe conditions starts with heavy-duty construction, vandal/tamper-resistant design and has a temperature range of 0-40° C.

Special wording – There's a Sempra open face diffuser displaying any message you need to meet your special requirements.

Master/Remote models – These durable, low-profile, master/remote sets are ideal for high-traffic areas that must meet this special code specification.

Self-testing/self-diagnostic electronics models – Spectron self-testing/self-diagnostic electronics make it fast and easy to check operational reliability.



Product Selector Guides

Semptra Series (Single Face Models)

AC Model Numbers	Emergency Model Numbers	Spectron® Model Numbers	Colors		
			Exit Letters	Housing	Stencil Face(s)
SESRW	SESRWE	SESRWEI	Red	White	White
SESGW	SESGWE	SESGWEI	Green	White	White
SESRWN	SESRWNE	SESRWNEI	Red	White	Brushed
SESGWN	SESGWNE	SESGWNEI	Green	White	Brushed
SESRB	SESRBE	SESRBEI	Red	Black	Black
SESGB	SESGBE	SESGBEI	Green	Black	Black
SESRBN	SESRBNE	SESRBNEI	Red	Black	Brushed
SESGBN	SESGBNE	SESGBNEI	Green	Black	Brushed

Semptra Series (Double Face Models)

AC Model Numbers	Emergency Model Numbers	Spectron® Model Numbers	Colors		
			Exit Letters	Housing	Stencil Face(s)
SEDRW	SEDRWE	SEDRWEI	Red	White	White
SEDGW	SEDGWE	SEDGWEI	Green	White	White
SEDRWN	SEDRWNE	SEDRWNEI	Red	White	Brushed
SEDGWN	SEDGWNE	SEDGWNEI	Green	White	Brushed
SEDRB	SEDRBE	SEDRBEI	Red	Black	Black
SEDEB	SEDEBE	SEDEBEI	Green	Black	Black
SEDRBN	SEDRBNE	SEDRBNEI	Red	Black	Brushed
SEDEBN	SEDEBNE	SEDEBNEI	Green	Black	Brushed

Semptra Master/Remote Series (Single Face Models)

AC Model Numbers	Emergency Model Numbers	Spectron® Model Numbers	Colors		
			Exit Letters	Housing	Stencil Face(s)
SEMRSRW	SEMRSRWE	SEMRSRWEI	Red	White	White
SEMMSGW	SEMMSGWE	SEMMSGWEI	Green	White	White
SEMRSRWN	SEMRSRWNE	SEMRSRWNEI	Red	White	Brushed
SEMMSGWN	SEMMSGWNE	SEMMSGWNEI	Green	White	Brushed
SEMRSRB	SEMRSRBE	SEMRSRBEI	Red	Black	Black
SEMMSGB	SEMMSGBE	SEMMSGBEI	Green	Black	Black
SEMRSRBN	SEMRSRBNE	SEMRSRBNEI	Red	Black	Brushed
SEMMSGBN	SEMMSGBNE	SEMMSGBNEI	Green	Black	Brushed

Semptra Master/Remote Series (Double Face Models)

AC Model Numbers	Emergency Model Numbers	Spectron® Model Numbers	Colors		
			Exit Letters	Housing	Stencil Face(s)
SEMRDRW	SEMRDRWE	SEMRDRWEI	Red	White	White
SEMRDGW	SEMRDGWE	SEMRDGWEI	Green	White	White
SEMRDRWN	SEMRDRWNE	SEMRDRWNEI	Red	White	Brushed
SEMRDGWN	SEMRDGWNE	SEMRDGWNEI	Green	White	Brushed
SEMRDRB	SEMRDRBE	SEMRDRBEI	Red	Black	Black
SEMRDGB	SEMRDGBE	SEMRDGBEI	Green	Black	Black
SEMRDRBN	SEMRDRBNE	SEMRDRBNEI	Red	Black	Brushed
SEMRDGBN	SEMRDGBNE	SEMRDGBNEI	Green	Black	Brushed

Semptra Severe Conditions Series (Single Face Models)

AC Model Numbers	Emergency Model Numbers	Spectron® Model Numbers	Colors		
			Exit Letters	Housing	Stencil Face(s)
SCSRW	SCSRWE	SCSRWEI	Red	White	White
SCSGW	SCSGWE	SCSGWEI	Green	White	White
SCSRWN	SCSRWNE	SCSRWNEI	Red	White	Brushed
SCSGWN	SCSGWNE	SCSGWNEI	Green	White	Brushed
SCSRB	SCSRBE	SCSRBEI	Red	Black	Black
SCSGB	SCSGBE	SCSGBEI	Green	Black	Black
SCSRBN	SCSRBNE	SCSRBNEI	Red	Black	Brushed
SCSGBN	SCSGBNE	SCSGBNEI	Green	Black	Brushed

Semptra Severe Conditions Series (Double Face Models)

AC Model Numbers	Emergency Model Numbers	Spectron® Model Numbers	Colors		
			Exit Letters	Housing	Stencil Face(s)
SCDRW	SCDRWE	SCDRWEI	Red	White	White
SCDGW	SCDGWE	SCDGWEI	Green	White	White
SCDRWN	SCDRWNE	SCDRWNEI	Red	White	Brushed
SCDGWN	SCDGWNE	SCDGWNEI	Green	White	Brushed
SCDRB	SCDRBE	SCDRBEI	Red	Black	Black
SCDEB	SCDEBE	SCDEBEI	Green	Black	Black
SCDRBN	SCDRBNE	SCDRBNEI	Red	Black	Brushed
SCDEBN	SCDEBNE	SCDEBNEI	Green	Black	Brushed

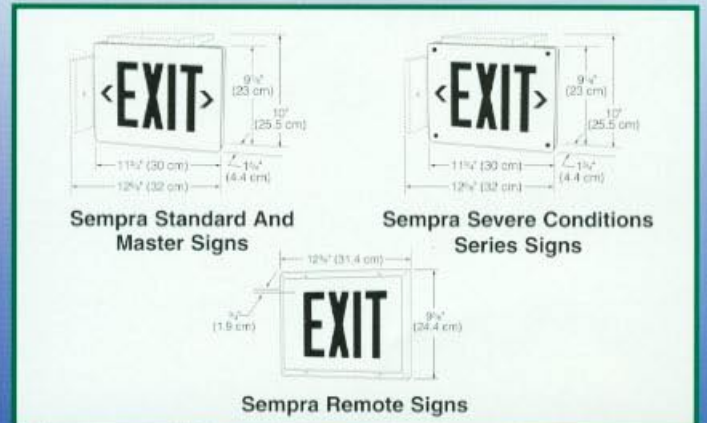
Options and Accessory Items

Descriptions	Factory Equipped Add Suffix To Model	Field Conversion Kit Order Part Number
Emergency operation module (red models)	— (1)	SER-E
Emergency operation module (green models)	— (1)	SEG-E
Remote DC operation ⁽²⁾⁽³⁾	-DC	—
2-circuit operation ⁽²⁾⁽³⁾	-2C	—
Fire alarm panel interface ⁽⁴⁾⁽⁵⁾	-FAP	—
2-circuit fire alarm panel interface ⁽²⁾⁽⁴⁾⁽⁵⁾	-2CFAP	—
Flasher module ⁽³⁾⁽⁶⁾	-FM	—
Audible/Flasher module ⁽²⁾⁽⁶⁾	-AF	—
220/240 VAC, 60 Hz operation	-24K	—
Special wording option ⁽⁷⁾	-SW	—
Vandal/tamper-resistant option ⁽⁸⁾	-VTR	—
Extreme temperature option ⁽⁹⁾	-XTR	—
Extreme temperature fire alarm panel interface ⁽²⁾⁽⁴⁾⁽⁵⁾	-XTRFAP	—
Pendant mounting kit (white)	—	PMCW
Pendant mounting kit (black)	—	PMCB
Wire guard (Wall mount)	—	WGLX
Wire guard (Ceiling mount)	—	WGLXC
Wire guard (End mount)	—	WGLXE

Special Wording Open Face Diffusers

Option No.	Description	Option No.	Description
1	TO EXIT	12	AREA OF RESCUE ASSISTANCE
2	NOT AN EXIT	13	AREA OF RESCUE ASSISTANCE (w/wheelchair symbol)
3	IN USE	14	ELEVATOR
4	XRAY IN USE	15	RESTROOMS
5	DARKROOM IN USE	16	MEN
6	CAUTION	17	MEN (w/symbol)
7	DO NOT ENTER	18	WOMEN
8	TEST IN PROGRESS	19	WOMEN (w/symbol)
9	ON AIR	<i>Consult factory for additional special wording diffuser options</i>	
10	AREA OF REFUGE		
11	AREA OF REFUGE (w/wheelchair symbol)		

- (1) For factory-equipped emergency models, see Product Selectors at left.
- (2) For use with AC models only.
- (3) For use with emergency models only.
- (4) Operates with 24-volt AC or DC fire alarm panels.
- (5) For emergency illumination of sign from remote 5-24 VDC power sources.
- (6) -DC, -2C, -FAP, -2CFAP, -XTRFAP, -FM, and -AF options may not be specified together.
- (7) For use with Semptra Series models only. For special wording diffusers, see table above and add Option Number to Special Wording Option Suffix in model number. Ex: SEDRWE-SW(10)
- (8) For use with Semptra Master/Remote Series models only. Provides polycarbonate face shield and tamper-proof screws.
- (9) Meets UL listing requirements for floor proximity use. Standard on all Semptra SC Series models.
- (10) Available for use with Semptra Severe Conditions Series emergency models only (Spectron models excluded).



Standard Product Warranty

Standard Semptra cast-aluminum exit signs are guaranteed by the manufacturer under normal and proper use, against defects in material and workmanship under the following schedule:

ITEM	WARRANTY PERIOD
Unit, electronics and LED strip	5 years full
Battery (emergency models)	1 year full
	9 years pro-rata

For complete information on the Spectron self-testing/self-diagnostic electronic system, refer to data sheet 0601147.