



SE Series

Cast Aluminum LED Exit Sign

Catalog Number	
Comments	Type

FEATURES

Application

The SE Series offers bright and even LED illumination in an attractive die-cast aluminum housing. Features include UL listing for 2 hour runtime, AC or Emergency operation with optional Spectron® self-test/self-diagnostic circuitry. Special Wording (SW) option also allows for customization of the stencil field to convey important information. Housing designed for quick and easy installation with low energy consumption. Damp location listed. Includes a Vandal/Tamper Resistant (VTR) option. The VTR option includes a polycarbonate faceshield and tamper resistant screws.

Construction

Housing, exit face and matching canopy constructed of high-strength die-cast aluminum. Sign finish is textured white, white with brushed aluminum face, black, or black with brushed aluminum face. Diffuser finish is color-matched silk-screened coating which provides optimized LED light output. Exit face design in single or double face with red or green letters and break-out chevrons. Break-out chevrons are also included with the special worded option. Exit stencil with 6" letters and 3/4" stroke.

Installation

Universal mounting (wall, ceiling, end) to standard 3 1/2" or 4" octagon or square electrical box by use of easily removed, template configured knockouts. Cast aluminum canopy and universal mounting plate included. All mounting hardware is fully concealed.

Illumination

Exit face illumination is provided by energy savings, long life red or green LEDs. Exceeds UL 924 requirements for brightness and uniformity. 10 year LED life.

Compliances

UL 924 Listed (Meets 1998 brightness and uniformity requirements)
 UL Damp Location Listed
 NFPA 70
 NFPA 101
 U.S. Patents No. 6,050,013 and 6,082,031

Warranty

Unit and electronics: 5 years full.

DIE-CAST LED Exit



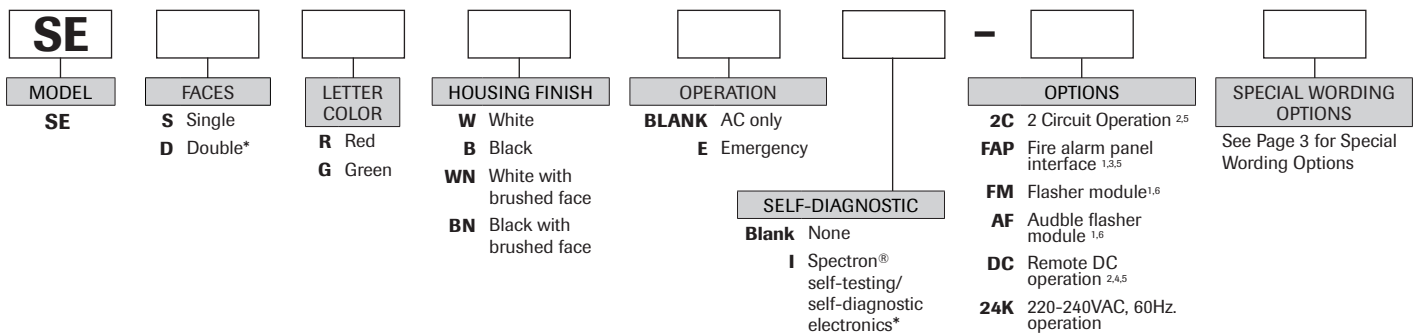
SEMPRA®



ACCESSORIES

FCM-R	Kit converts AC red letter models to emergency operation
FCM-G	Kit converts AC green letter models to emergency operation
PMCW	12 1/2" Pendant mounting kit (white)
PMCB	12 1/2" Pendant mounting kit (black)
WGLX	Wire guard (Wall mount)
WGLXC	Wire guard (Ceiling mount)
WGLXE	Wire guard (End mount)
VRS3	Vandal resistant shield

ORDERING GUIDE



1 For use with Spectron® self-diagnostic models only.
 2 For use with AC models only.
 3 Operates with 24-volt AC or DC fire alarm panels.
 4 For emergency illumination of sign from remote 6-24 VDC power sources.
 5 DC option may not be specified with 2C or FAP options.
 6 AF, FM and FAP options may not be specified together.
 7 Provides polycarbonate face shield and tamper-proof screws.

* For use with emergency models only.





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SPECIFICATIONS

Electronics

Available with AC, emergency and Spectron® self-test/ self-diagnostic electronics option. Emergency and self-diagnostic models equipped with isolation transformer and fully automatic constant current solid state charger with sealed maintenance-free nickel-cadmium battery. All emergency models with 2-hour minimum run-time. All components mounted inside housing. Includes test switch and AC-on indicator. Transient/ surge protection, low voltage disconnect and AC lock-out features included. Battery re-charge within UL time standards. Includes pre-stripped AC input pigtail leads.

Power Consumption

	120VAC	277VAC
Red AC Only Models:	2.6 Watts	2.6 Watts
Green AC Only Models:	2.1 Watts	2.1 Watts
Red Emergency Models:	3.8 Watts	3.8 Watts
Green Emergency Models:	3.5 Watts	3.5 Watts

* Wattage figures include LED lamps, transformer and electronics power requirements. LED lamp assemblies (red or green) consume less than 1 watt.

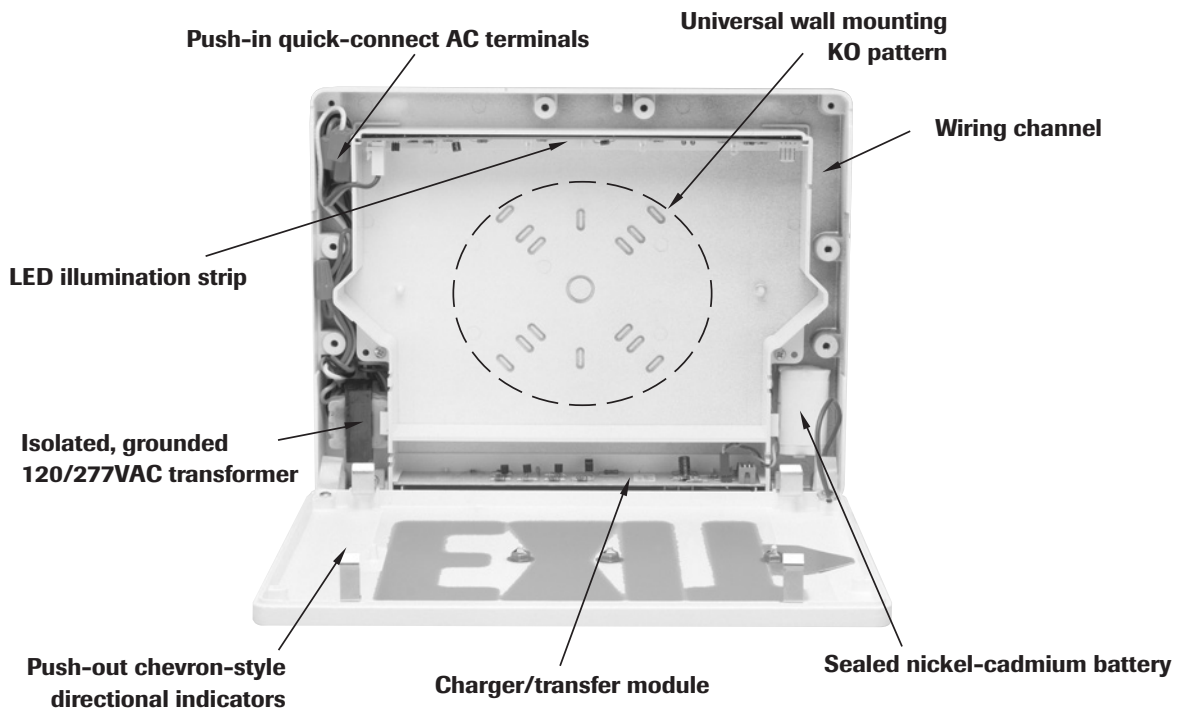
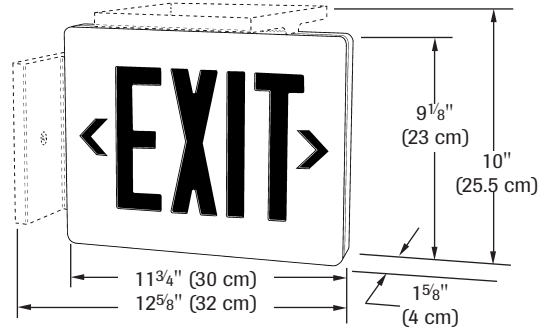
Power Factor, Average: .8 (lagging)

Battery Type: Maintenance-free sealed nickel cadmium battery

AC Input: 120/277VAC, 60 Hz. (all models)

Operating Temperature Range: 0°C to 40°C (32°F to 104°F)

DIMENSIONS



STANDARD SIGNS

Dual-Lite's cast-aluminum SE Series exit signs feature an option for custom or standard special-wording. The images below represent a sample of standard special-worded signs available. A comprehensive list of all standard special-wording signs is shown on the next page. Because the artwork and silk-screening for these signs were previously developed, pricing for these standard special-worded signs do not incur a setup charge. If your special-worded requirements do not show up on this list, please contact the factory to request your custom special-worded sign. Custom special-worded signs will incur a one time setup charge for each development.



SW65 (Makhraj Arabic)



SW10



SW13



SW40



SW47



SW5



SW101



SW7



SW97



SW22



SW31



SW45



SW37



SW98



SW9



SW30



SW69



SW48



SW73



SW4

NOTE: Special worded signs do not meet letter size requirements of UL 924.



STANDARD SPECIAL WORDING SIGNS

Category	Special Wording Number	Description	Category	Special Wording Number	Description	Category	Special Wording Number	Description	
EXIT	SW 1	TO EXIT	EVACUATION	SW 10	AREA OF REFUGE	LABORATORY (continued)	SW 105	CT SCAN/IN USE	
	SW 2	NOT AN EXIT		SW 11	AREA OF REFUGE WITH WHEELCHAIR SYMBOL		SW 107	DANGER (SEE TABLE-LASERS)	
	SW 22	EXIT W/ WHEELCHAIR SYMBOL		SW 12	AREA OF RESCUE ASSISTANCE		SW 112	X-RAY IN USE/ DO NOT ENTER	
	SW 37	NO EXIT		SW 13	AREA OF RESCUE ASSISTANCE WITH WHEELCHAIR SYMBOL		SW 113	MAGNET/RAMPED	
	SW 42	EMERGENCY EXIT ONLY		SW 14	ELEVATOR		SW 116	SCANNER IN USE	
	SW 63	WHEELCHAIR SYMBOL/ EXIT		SW 24	CAUTION STAIRS		SW 120	UV/RADIATION	
	SW 67	EMERGENCY EXIT		SW 25	NOT AN AREA OF REFUGE		SW 125	NO ENTRY FUEL CELL WORK IN PROGRESS	
	SW 70	FIRE EXIT ONLY		SW 40	AREA OF RESCUE		SW 127	RADIATION	
	SW 73	TO FIRE ESCAPE		SW 48	STAIRS		SW 136	RADIATION/SOURCE/ EXPOSED	
AREAS/ALERTS	SW 5	DARKROOM IN USE		SW 79	TO AREA OF RESCUE ASSISTANCE		SW 138	RAYOS-X/ EN-USO	
	SW 9	ON AIR		SW 97	EMERGENCY ASSISTANCE		SW 139	RADIATION/ WARNING	
	SW 27	QUIET		SW 117	TO AREA OF REFUGE		SW 140	CT ON/ DO NOT ENTER	
	SW 29	PERFORMANCE IN PROGRESS		SW 122	AREA OF REFUGE ASSISTANCE		SW 141	LINAC/ IN USE	
	SW 44	IMAGE ACQUISITION		SW 123	UP		SW 143	TEST CELL/ IN USE	
	SW 52	STUDIO IN USE		SW 124	DOWN		SW 145	MRI MAGNET/ IN USE	
	SW 55	BATTERY CHARGING IN PROCESS		SW 132	RED CROSS (SYMBOL ONLY)		SW 147	TEM/ IN USE	
	SW 61	UNCLEARED VISITORS		DANGER/ ALERTS	SW 6		CAUTION	SW 148	ETEM/ IN USE
	SW 68	STAND BY ON AIR			SW 47		DANGER	SW 151	KILN/ IN USE
	SW 80	TV STUDIO IN USE		LABORATORY	SW 4		X-RAY IN USE	SW 152	BLAST/ TUBE
	SW 85	JURY IN SESSION	SW 20		WARNING LASER ON	SW 153	TELEPRESENCE/ ROOM IN USE		
	SW 88	DARKROOM IN USE/DO NOT ENTER	SW 21		BEAM ON	ON/OFF	SW 50	GENERATOR ON	
	SW 93	LASER ENABLE	SW 23		CAT SCAN IN USE		SW 75	FAN OFF	
	SW 99	DARK LIGHT/ IN USE	SW 26		MRI ROOM IN USE		SW 82	EMERGENCY POWER ON	
	SW 100	CLASSIFIED/BRIEFING	SW 28		MRI IN USE		SW 84	CITY WATER BACKUP ON	
	SW 102	UNCLEAR/VISITOR IN AREA	SW 31		LASER IN USE		SW 106	READY ON	
	SW 103	ON THE AIR (W/ MICROPHONE SYMBOL)	SW 33		LASER ON DO NOT ENTER		SW 108	READY	
	SW 109	JUVENILE/ IN CELL	SW 34		MAGNET ON		PEDESTRIANS/ CROSSING	SW 35	PEDESTRIAN ONLY
	SW 111	MEETING IN PROGRESS	SW 36		UV LIGHTING IN USE			SW 78	CAUTION WATCH FOR PEDESTRIANS
	SW 115	RECORDING	SW 38		CLOSE HOODS	RESTROOMS/ FACILITIES	SW 15	RESTROOMS	
	SW 121	QUIET PLEASE/SLEEP STUDY IN PROGRESS	SW 39		RADIATION ON		SW 16	MEN	
	SW 128	INTERVIEW IN PROGRESS	SW 43		DANGER BIO HAZARD IN USE		SW 17	MEN WITH SYMBOL	
	SW 129	SIMULATOR/IN USE	SW 45		MAGNET IN USE		SW 18	WOMEN	
	SW 131	RANGE/IN USE	SW 46		LASER LAB IN USE		SW 19	WOMEN WITH SYMBOL	
	SW 133	COURT/IN/SESSION	SW 49		X-RAY ON		SW 54	PHONE	
	SW 134	STAND/BY	SW 51		CAUTION X-RAY		SW 91	DECORATIVE CROSS SYMBOL	
	SW 137	OSPA/ ASSISTANCE/ NEEDED	SW 53		BEAM ON DO NOT ENTER		SW 92	NON SMOKING	
	SW 146	POLYGRAPH/ IN USE	SW 56		FIRE		SW 94	FAMILY	
	DO NOT ENTER	SW 3	IN USE		SW 57		CT IN USE	SW 98	NO SMOKING
SW 7		DO NOT ENTER	SW 58		OPEN LASER		SW 114	HUBBELL	
SW 8		TEST IN PROGRESS	SW 62		RADIATION IN USE		SW 118	HANDICAPPED (SYMBOL ONLY)	
SW 30		ROOM IN USE	SW 71		X-RAY		SW 135	VISITOR	
SW 74		IN USE/DO NOT ENTER	SW 72		X-RAY OFF		SW 150	EAT	
SW 86		DO NOT USE	SW 76		NARC CAB		INTERNATIONAL EXIT	SW 32	EXIT/SALIDA
SW 90		ROOM IN USE/ DO NOT ENTER	SW 83		MAGNET AT FIELD	SW 41		ARABIC/EXIT	
SW 95		DO NOT ENTER/ TESTING IN PROGRESS	SW 87		BEAM IN USE	SW 64		ARABIC/EXIT	
SW 101		DO NOT DISTURB	SW 89		CRYOSTAT MAGNET IN USE	SW 65		MAKHRAJ ARABIC/EXIT	
SW 104		DO NOT ENTER/ TRAINING IN PROGRESS				SW 66		ARABIC/EXIT	
SW 110		SECURE			SW 69	SALIDA			

NOTE: Special worded signs do not meet letter size requirements of UL 924.

