



Look for this icon to indicate availability of Self-Diagnostic (SD) option

Self-Diagnostic (SD) Option

Our high quality, reliable exit and emergency products are now even easier to maintain when equipped with the Self-Diagnostic (SD) option. SIMKAR's Self Diagnosing option employs a programmed integrated circuit chip to continuously monitor and test the system to ensure proper performance in the event of an emergency.

The SD system also automatically performs the required NFPA and NEC code compliant testing of 15-minute battery discharge every 30 days and 90-minute full discharge every 12 months. The SD system automatically recharges the unit's battery and displays a system diagnosis via an LED indicator light.

SD also eliminates the physical test of emergency products. Since the LED indicator light provides a visual display, documentation of emergency lighting performance is as easy as a monthly walk through the building. SD is an economical solution to comply with safety codes and ensure emergency preparedness.

Look for the SD option on the following products: SLED LED Exit Lights, SREL Recessed Edge-lit LED Exit Lights, SDC Die-Cast Exit Lights, SCLI Combo LED Exit/ Emergency Lights, and SEM Twin Head Emergency Lights.



Steady Green = Normal



Red/Green Flash = HI charge

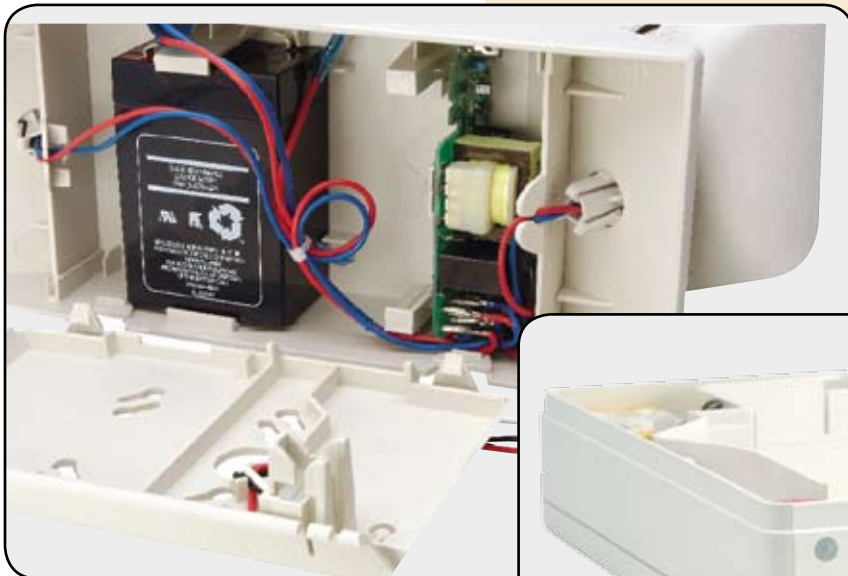


Steady Red = Battery disconnected
Double-Pulse Red = Battery failure



Not Illuminated = Emergency Mode

NOT SHOWN: Four-Pulse Red = Lamp Failure
Two-Pulse Green = 15 Minute Discharge





SEM Twin head emergency light with two fully adjustable lighting heads, is as flexible as it is economical

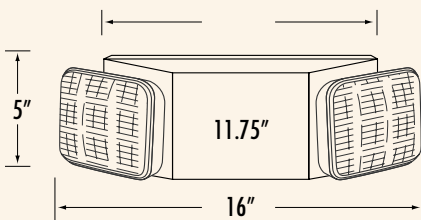


Self-Diagnostic (SD) option available



Two fully adjustable lighting heads for 180° coverage.

Dimensions



Housing

Injection-molded, V0 flame retardant, high-impact, thermoplastic low profile housing, white or black finish.

Illumination

Two fully adjustable 5.4 watt, glare-free lighting heads.

High performance smooth thermoplastic reflector and polycarbonate lens for optimal light distribution and resistance to discoloration.

Options

3 foot 3-wire cord and plug available (option C3).

Remote capable (option REM) for operation of up to two additional 5.4 watt lighting heads.

Self-Diagnostic (option SD) continuously diagnoses unit performance and tests system (15-minute battery discharge every 30 days and 90-minute full discharge every 12 months) to insure reliable operation and to meet electrical and life safety codes.

Battery

6V, 4.5Ah, sealed lead acid, maintenance-free, rechargeable battery.

Transfer/Charging Circuitry

Internal solid-state transfer switch automatically connects the internal battery to lamp heads for minimum 90-minute emergency illumination.

Fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.

Electrical

Dual 120/277V voltage.

Charge rate/power on LED indicator light and push-to-test switch for mandated code compliance testing.

LVD (low voltage disconnect) prevents battery from deep discharge.

UL, C-UL (tested to C860), and ETL Damp location listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

Mounting

Surface mount, wall or ceiling, via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections.

Warranty

Five year warranty on all electronics and housing. Batteries are pro-rated warranted for 5 years.



Easy Connect Feature

1. Simply pull supply wires in junction box through the canopy or backplate knockout
2. Secure the canopy or backplate to the junction box. Wire fixture with both hands free!
3. Snap the entire fixture right onto the canopy

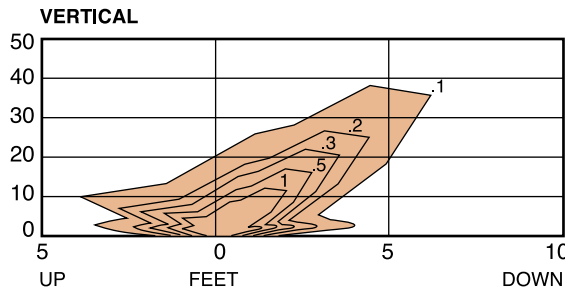
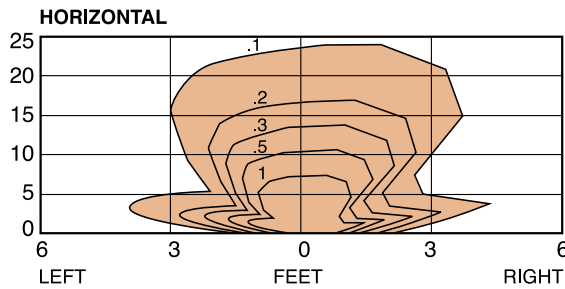


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Photometric Data



SEM Series Ordering Information

Series	Housing	Option
SEM	B = Black W = White	C3 = 3' Cord & Plug SD = Self-Diagnostic