



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

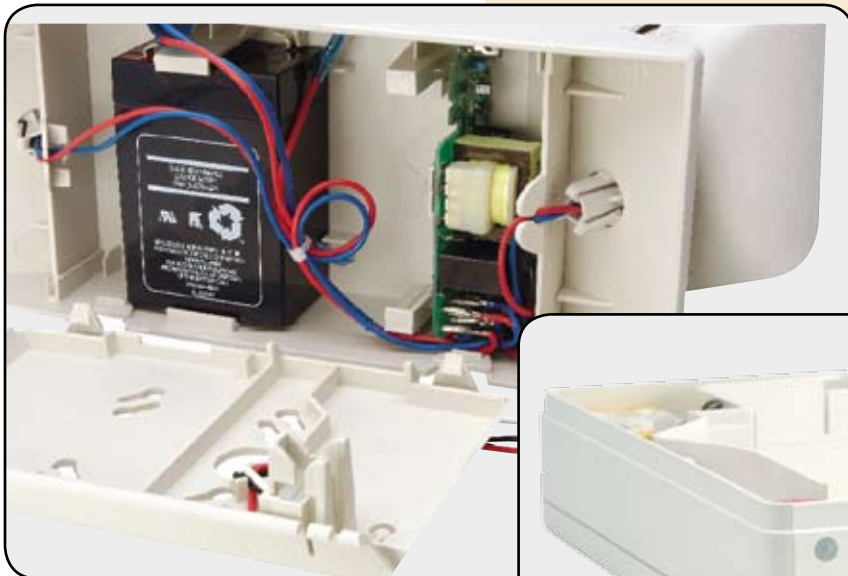


Steady Red = Battery disconnected
Double-Pulse Red = Battery failure



Not Illuminated = Emergency Mode

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





LED Exit Light illuminated by long lasting, ultra-efficient light emitting diodes, is inexpensive to operate and virtually maintenance-free.



Self-Diagnostic (SD)
option available

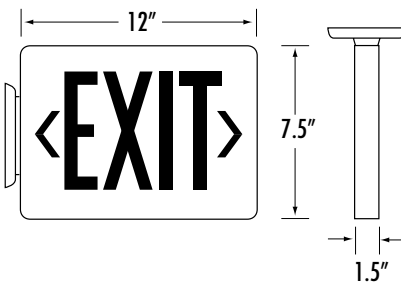


Back plate mount



Canopy
mount

Dimensions



Housing

Injection-molded, V-0 flame retardant, high-impact, thermoplastic low profile housing, white or black finish.

Provided with two faces and back plate as standard. ADA compliant for flush mounting.

Illumination

Energy efficient red or green LED with life of 25 years plus – energy consumption of less than 3 watts!

Options

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 ensure reliable operation and to meet electrical and life safety codes.

Battery

Emergency battery backup (option B) equipped with 4.8V nickel-cadmium, 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 (battery back up units).

Electrical

Dual 120/277V voltage.

Dual circuit operation (option 2CIRCUIT) provides two transformers to meet special code requirements. (AC units only)

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. Salida signage is ETL listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

Mounting

Side, top, or back mounting with universal mounting canopy or easy connect back plate, which fit most standard junction boxes.

Warranty

Five year warranty on all electronics and housing.



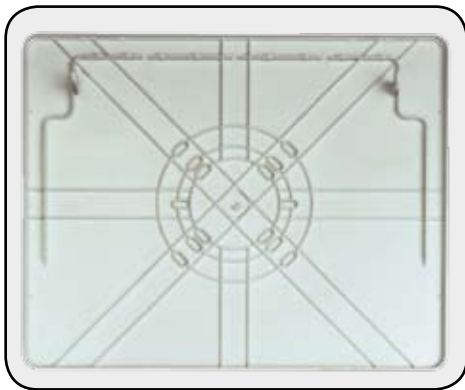
Also available in Spanish
(SALIDA)



Self-Diagnostic (SD)
option available

SLED Series Ordering Information

Series	Options	Lettering	Housing	Signage	Options
SLED	A = AC B = Battery Backup	G = Green R = Red	B = Black W = White	(Blank) = Exit SALIDA = Salida	2 CIRCUIT = Dual Circuit SD = Self-Diagnostic



Back plate mount