SIMKAR EXIT AND EMERGENCY







EXIT AND EMERGENCY





SIMKAR CORPORATION

NFPA 101 Life Safety Code

All of Simkar's Exit and Emergency products pass UL 924 as well as NFPA 101 Life Safety Code requirements.

NFPA 101 2006 requirements include physical and performance criteria crafted to promote safe egress, clear directions and adequate visibility.

Emergency lighting must be provided for at least 1 ½ hours in the event of a power failure. Emergency lighting must be arranged to provide an average >1.0 fc (10.8 lux) with a minimum > 0.1 fc (1.1 lux) at any point along the egress path at floor level. Illumination is allowed to decline up to 40% at the end of the 1 ½ hour time period. Max/min uniformity ratio of 40/1 can not be exceeded.

Existing battery-operated emergency lights shall use only reliable types of rechargeable batteries with suitable facilities for maintaining them in properly charged conditions. These batteries must be approved for their use and comply with NFPA 70, National Electrical Code.

Floor proximity EXIT signs shall be placed not less than 6″ nor more than 18″ above the floor and be used in addition to signs required for doors and corridors. For EXIT doors the signs must be placed on the door or adjacent to the door with the closest edge within 4″ of the door frame.

Where floor proximity egress marking is used, the system must be installed no more than 18″ above the floor and be continuous with the exceptions of doorways, hallways, corridors or other architectural features.

Externally illuminated EXIT signs must be lit to a level of 5fc (54 lux) and have a contrast ratio of not less than 0.5.

Internally illuminated EXIT signs must pass UL924, Standard for Safety Emergency Lighting and Power Equipment.

New signs require letters that are at least 6″ high with the principal strokes of the letters at least ¾″ wide. Existing signs may have lettering 4″ high. Chevrons must be visible at 40′.

Simkar is proud to offer emergency lighting systems and EXIT signs that meet or exceed the minimum NFPA101 Life Safety Code requirements and UL924. Simkar solutions for a safe environment.

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**

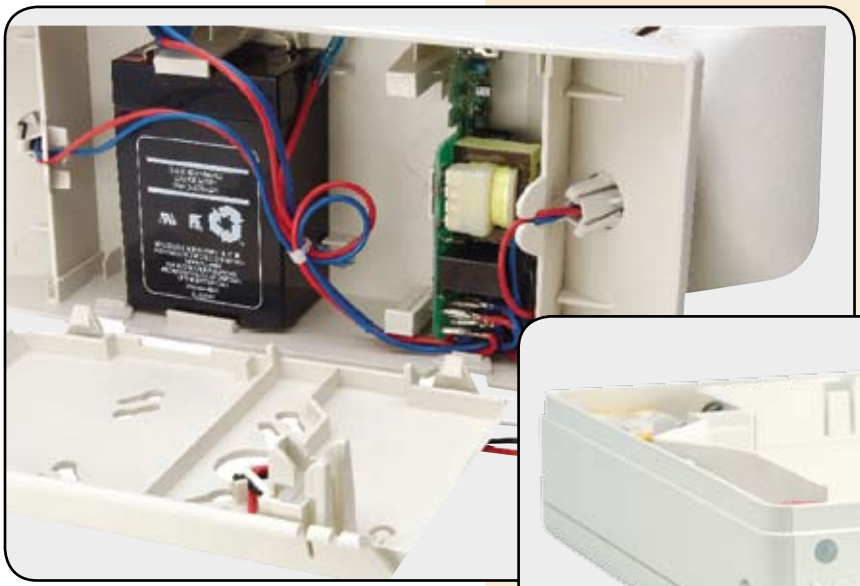


Steady Red = **Battery disconnected**
Double-Pulse Red = **Battery failure**



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

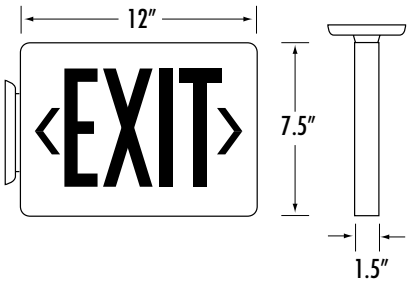


Back plate mount



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.

5 YEAR WARRANTY



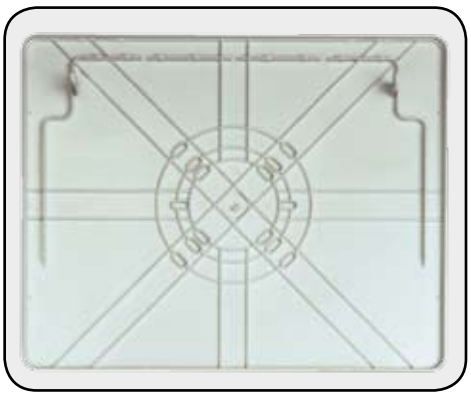
Also available in Spanish (SALIDA)



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

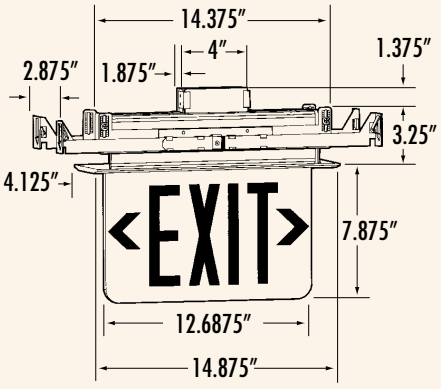


SREL Recessed Edge Lit LED Exit Light provides a pleasing architectural look with the recessed housing and virtually floating exit stencil.

Self-Diagnostic (SD) option available

Press-on arrows

Dimensions



Housing

Natural finish recessed aluminum back box with galvanized steel adjustable bar hanger assembly and visible polished satin aluminum trim plate.

Illumination

Clear acrylic panel with beveled lettering for maximum light reflectance and press-on directional arrows provided with protective film to ensure flawless finish after installation.

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

Battery

Emergency battery backup (option B) equipped with 4.8V Ni-CD, 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 (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.

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

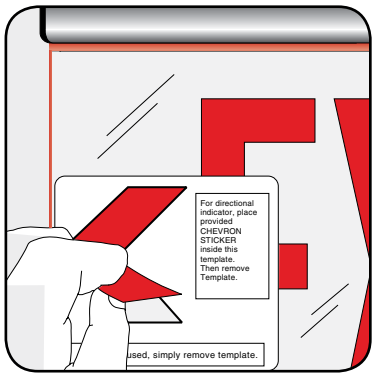
Mounting

Recessed ceiling mount, accessible above the plenum.

Easy-Install template provided for accurate ceiling cut-out ensures flush fit, proper seal and eliminates light leak.

Warranty

Five year warranty on all electronics and housing.



Press-on directional arrows

- Allow for placement with right arrow, left arrow, both arrows or no arrow
- No special ordering requirements
- Simply press on arrow and peel off template

5 YEAR WARRANTY



Self-Diagnostic (SD) option available



Recessed back box for a high-style, aesthetically appealing design

SREL Series Ordering Information

Series	Options	Faces	Lettering	Trim Plate	Options
SREL	**A** = AC **B** = Battery Backup	**1** = Single **2** = Double	**G** = Green **R** = Red	**B** = Black **W** = White **A** = Aluminum	**2 CIRCUIT** = Dual Circuit **SD** = Self-Diagnostic



SEL1GA

SEL Edge Lit LED Exit Light offers an elegant look that is easy to install.

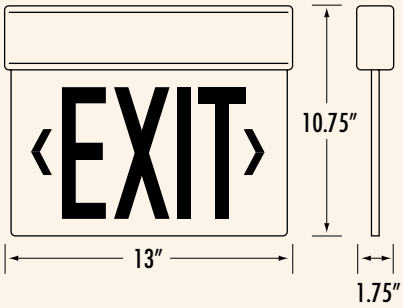


Press-on arrows



Tri-mount canopy for flush, side, or ceiling installation

Dimensions



Housing

Natural finish aluminum or white housing.

ADA compliant for flush mounting.

Illumination

Clear acrylic panel with beveled lettering for maximum light reflectance and press-on directional arrows provided with protective film to ensure flawless finish after installation.

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

Battery

Emergency battery backup (option B) equipped with 4.8V Ni-CD, 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 (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.

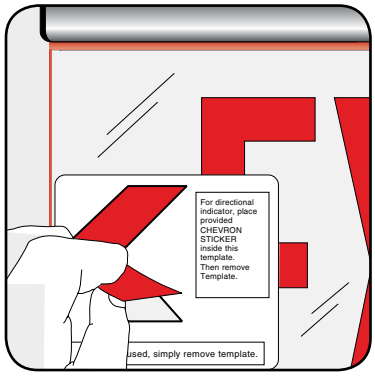
ETL and UL listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

Mounting

Tri-mount canopy for side, ceiling or flush installation.

Warranty

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





Press-on directional arrows

- Allow for placement with right arrow, left arrow, both arrows or no arrow
- No special ordering requirements
- Simply press on arrow and peel off template

5 YEAR WARRANTY



Tri-mount canopy
flush installation





Tri-mount canopy
side installation

SEL Series Ordering Information

Series	Options	Faces	Lettering	Housing	Options
SEL	**A** = AC **B** = Battery Backup	**1** = Single **2** = Double	**G** = Green **R** = Red	**A** = Aluminum **W** = White	**2 CIRCUIT** = Dual Circuit



Tri-mount canopy
ceiling installation



Self-Luminous Exit Light equipped with letter shaped luminous light tubes, is ideal for harsh locations and where electrical wiring is difficult or cost prohibitive.

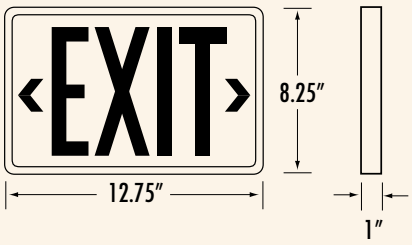


Self-luminous light tubes



Cover up arrows

Dimensions



Housing

Injection-molded, V-0 flame retardant, high-impact, thermoplastic low profile (ADA compliant) housing with rounded corners, die-cast brushed aluminum or powder coated black or white finish.

Completely sealed, vandal-resistant, explosion-proof housing, which is resistant to corrosion and vapors.

Options

Green, red, black or white faceplates with cover-up directional arrows.

Electrical

Uses no electricity, no operating costs.

Self-luminous with letter-shaped light tubes manufactured from borosilicate (hard) glass, internally coated with zinc sulfide phosphor and filled with tritium gas.

ETL listed. Meets UL924 and NFPA101 Life Safety Code. Suitable for wet locations.

Mounting

Concealed mounting bracket included for top, back or side installation.

Suitable for floor proximity mounting.

ADA compliant for flush mounting.

Warranty

Ten or twenty year warranty on illumination and housing (depending upon model).

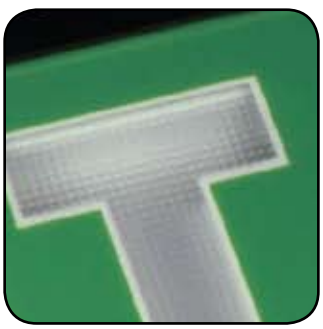




Cover up directional arrows

- Allow for placement with right arrow, left arrow, both arrows or no arrow
- No special ordering requirements





10 YEAR WARRANTY 20

Light tubes operate from 10 to 20 years without an external power source

SSL Series Ordering Information

Series	Life	Faces	Face	Housing
SSL	**10** = 10 years **20** = 20 years	**1** = Single **2** = Double	**G** = Green **R** = Red **B** = Black **W** = White	**A** = Brushed aluminum **B** = Black **W** = White



SDC Die-Cast Aluminum LED Exit Light equipped with snap-fit directional arrows and SIMKAR's easy connect installation feature, is available with multiple finishes for an upscale appearance.

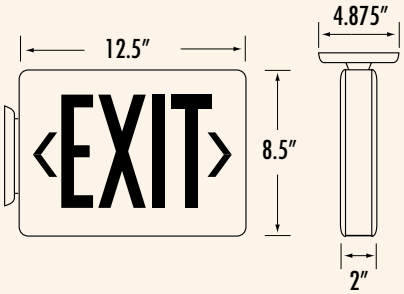


Self-diagnostic option available



Snap-fit arrows

Dimensions



Housing

Die-cast aluminum low profile (ADA compliant) housing, brushed aluminum, black or white finish.

Brushed aluminum, black or white finish faceplates with concealed snap out directional arrows.

Faceplates are tethered to the fixture housing for quicker installation.

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 insure 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.

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

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.

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.

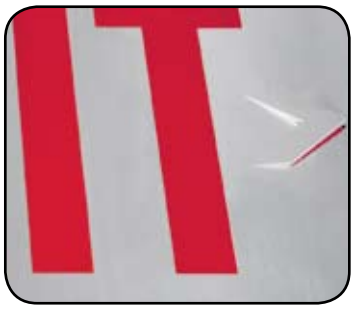
ETL damp location listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

Mounting

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

Warranty

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





Concealed Snap-fit Directional Arrows

- Allow for placement with right arrow, left arrow, both arrows or no arrow
- No special ordering requirements
- Simply snap out the arrow



5 YEAR WARRANTY

Self-Diagnostic (SD) option available

SDC Series Ordering Information

Series	Options	Faces	Lettering	Housing	Face Color	Options
SDC	**A** = AC **B** = Battery Backup	**1** = Single **2** = Double	**G** = Green **R** = Red	**A** = Brushed aluminum **B** = Black **W** = White	**A** = Brushed aluminum **B** = Black **W** = White	**2 CIRCUIT** = Dual Circuit **SD** = Self-Diagnostic

SWLED *Wet Location LED Exit Light*



SWLED Wet Location LED Exit Light fully enclosed, durable housing is ideal for applications where it will be exposed to the elements.

Housing

Polycarbonate and fiberglass enclosure resistant to corrosive atmospheres, non-hazardous dust environments and to water spray, splashing water or where hose downs frequently occur.

Exit light provided with one face with snap-in directional arrows.

Illumination

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

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.

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.

ETL Wet location (0°- 50°C) listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

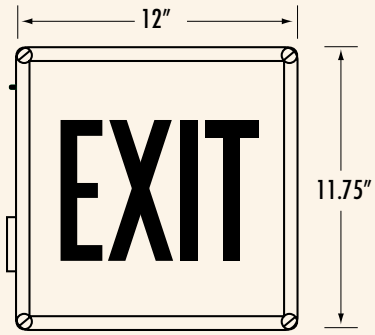
Mounting

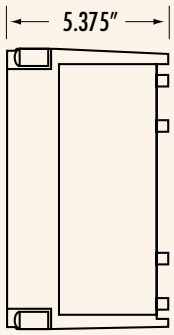
Back plate fits most standard junction boxes.

Warranty

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

Dimensions





5 YEAR WARRANTY

SWLED Series Ordering Information

Series	Options	Lettering	Housing
SWLED	**A** = AC **B** = Battery Backup	**G** = Green **R** = Red	**W** = White

Enclosure is resistant to corrosive atmospheres, non-hazardous dust environments, and to water spray, splashing water, or where hose downs frequently occur.

Housing

Polycarbonate and fiberglass enclosure resistant to corrosive atmospheres, non-hazardous dust environments and to water spray, splashing water or where hose downs frequently occur.

Exit light provided with one face with snap-in directional arrows.

Illumination

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

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

Battery

6V 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.

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.

ETL Wet location (0°- 50°C) listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

Mounting

Integral mounting holes allow for flush mounting to walls while retaining water-tight integrity.

Warranty

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



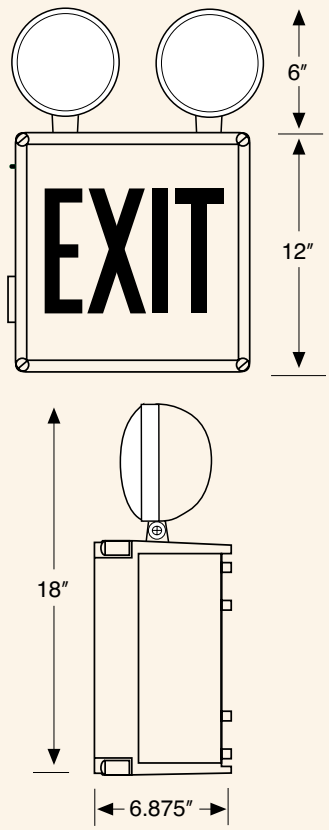
CSWLED The Wet Location Combination Exit and Emergency Light is the ideal solution for stairwell and corridor egress lighting where splashing, dripping or hose downs of non corrosive liquids can occur.

5 YEAR WARRANTY

CSWLED Series Ordering Information

Series	Lettering	Housing
CSWLED	**G** = Green **R** = Red	**W** = White

Dimensions



Enclosure is resistant to corrosive atmospheres, non-hazardous dust environments, and to water spray, splashing water, or where hose downs frequently occur.



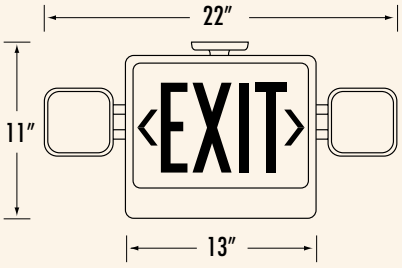
SCLI combines an LED exit light and emergency light in one shallow profile unit making it ideal for use above doorways.

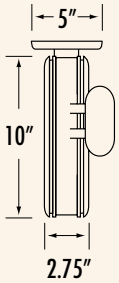
Self-diagnostic option available

Fully adjustable heads

Canopy mount

Dimensions





Housing

Injection-molded, V-0 flame retardant, high-impact, thermoplastic low profile housing, white or black finish. Exit light provided with one face with snap-in directional arrows.

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

Options

Remote capable (option REM) for operation of up to two additional 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, 4.5AhH 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.

ETL Damp location listed. Red LED unit is C-UL (tested to C860) listed. Meets UL924, NFPA101 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. 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



360

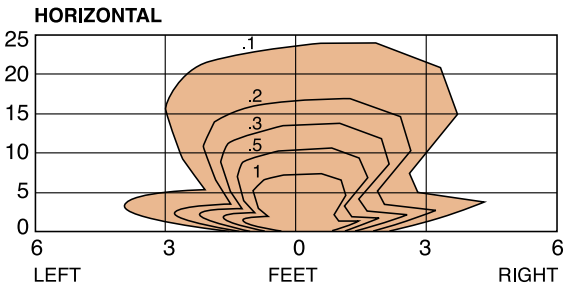
Two fully adjustable lighting heads for 360° coverage provide maximum illumination anywhere you need it!

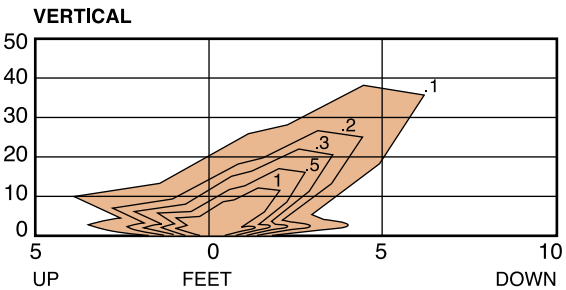
5 YEAR WARRANTY



Also available in Spanish (SALIDA)

Photometric Data

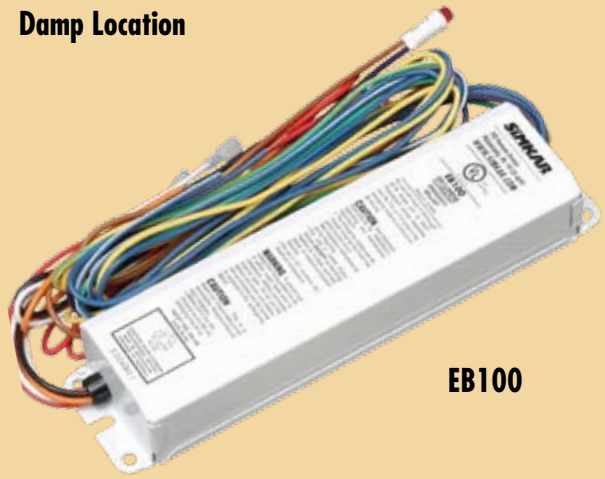




SCLI Series Ordering Information

Series	Faces	Lettering	Housing	Signage	Options
SCLI	**2** = Double	**G** = Green **R** = Red	**B** = Black **W** = White	(Blank) = Exit **SALIDA** = Salida	**REM** = Remote capable **SD** = Self-Diagnostic **7** = 7.2W lamps **MR16** = MR16 lamps

Damp Location



EB100

Housing

Heavy gauge steel case, white powder coat finish.

Illumination

EB100 perates one lamp at 450 initial lumens.

EB60 and EB50 can operate one or two lamps at 450, 700, or 1400 initial lumens.

Compatible with most 1, 2, 3, and 4-lamp electronic, standard, energy saving and dimming AC ballasts.

Battery

Sealed nickel-cadmium, maintenance-free, rechargeable with life expectancy of 7 to 10 years.

Electrical

Dual 120/277V voltage.

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

UL listed, damp location, for retrofit/field installation to UL924 and C-UL, NFPA 101 Life Safety Code, and NEC requirements.

Mounting

Inside, on top of, or remote mount from existing fluorescent fixtures.

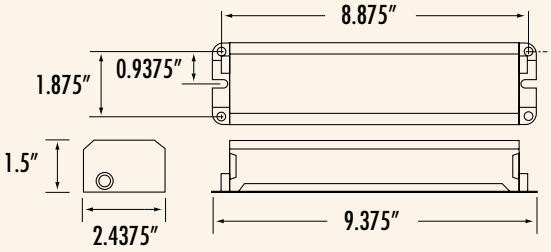
Remote mounting distance of emergency ballasts should not exceed half the AC ballast manufacturer's recommended remote mounting distance from the lamps for standard AC ballasts, or 50 feet, whichever is less.

Warranty

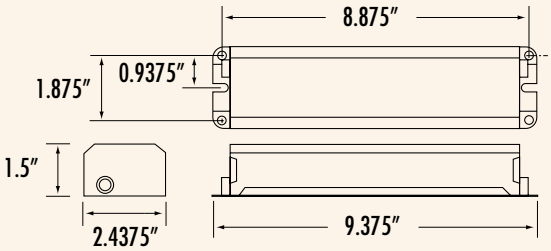
Five year warranty on all electronics and case.

5 YEAR WARRANTY

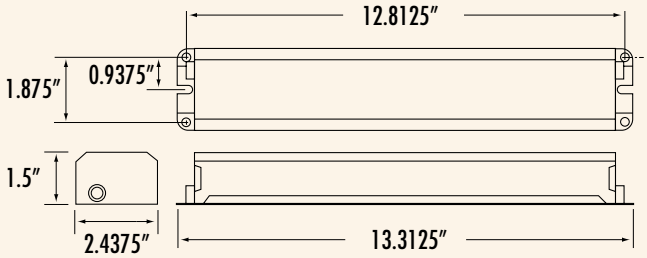
EB100



EB60



EB50



EB Series Ordering Information

Series	Options
EB	**100** = Operates one lamp, 450 maximum lumen output **60** = Operates one or two lamps, 700 maximum lumen output **50** = Operates one or two lamps, 1400 maximum lumen output

Upgrade to LED

SIMKAR's exits are equipped with energy efficient high output LEDs. Light emitting diodes or LEDs are semiconductors that convert applied voltage to light. LEDs offer a cost effective alternative to short-lived, high maintenance incandescent or fluorescent units.

Changing out ONE incandescent exit sign to a newer Simkar LED version can result in savings of over $240 annually. Using efficient LEDs, annual cost savings are substantial. Replace 5 exit signs - realize a savings of $1,210, 10 Exit signs - realize a savings of $2,420 and so on. The costs add up and in large facilities, with as many as 50 exit lights, savings of $12,100 are possible. Using Simkar's LED exits will also reduce peak kWh demand.

Safety is another reason for upgrading incandescent exit signs to Simkar LED exit signs if incandescent exit sign lamps are not relamped as soon as they burn out. Even in the best-maintained facilities, it is not uncommon to find as many as 25% of bulbs installed in incandescent exit lights to be burned out. Not only does this compromise a safe evacuation in the event of an emergency but valuable employee or contractor time must be utilized replacing burned out exit bulbs.

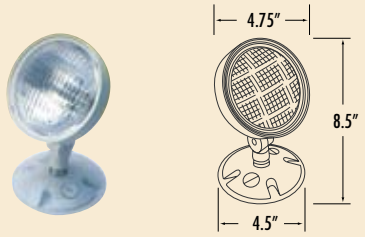


LED vs. Incandescent Annual Savings

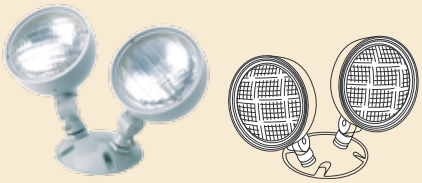
	Exit Signs	Lamp Life in Hours	Re-Lamp Over Life of LED	Annual kWh Usage	Annual Energy Cost*	Lifetime Energy Cost**	Lifetime Maint. Cost***	Lifetime Operating Cost
Incandescent	(2) 11 watt Incandescent bulbs	19,000	6	193	$19.27	$101.42	$171.00	$272.42
LED	2.8 watt LEDs or 2.8 watt Retrofit LED Kit	100,000	0	25	$2.45	$27.96	$0.00	$30.41
Savings	Savings by switching out one LED Exit Sign	—	—	168 kWh	$16.82	$73.46	$171.00	$242.01

* Based on 24 hrs/365 days (8,760 hrs) @ $0.10/kWh
** Based on 100,000 (life of LED) @ $0.10/kWh
*** Based on bulb cost of $3.00 ea., Labor at $45.00/hr for 30 min. per fixture ($22.50) over the life of the LED (100,000 hrs).

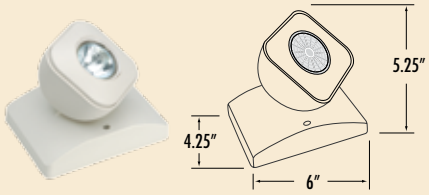
REM Remote Heads whether installed alone or in conjunction with other quality exit and emergency products are an economical way to light the path of egress.



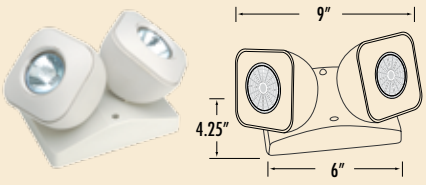
REMWP



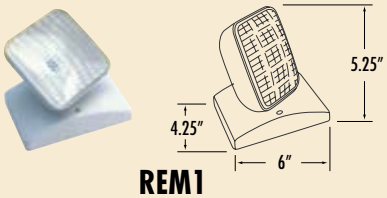
REM2WP



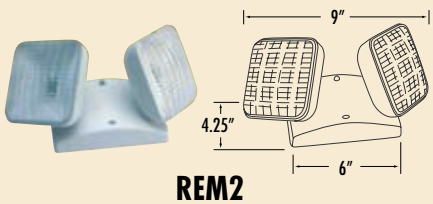
REMR16-1



REMR16-2



REM1



REM2

Housing

Injection-molded, V-0 flame retardant, high-impact, thermoplastic housing.

Illumination

One or two fully adjustable glare-free lighting heads (specify wattage in part number).

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

Options

Weatherproof (option WP) is available.

Electrical

ETL listed. Weatherproof unit is ETL Wet Location Listed. Meets UL924, NFPA101 Life Safety Code, and NEC requirements.

Mounting

Surface mount, fits most standard junction boxes.

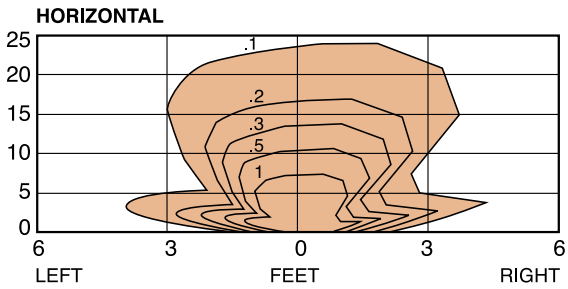
Warranty

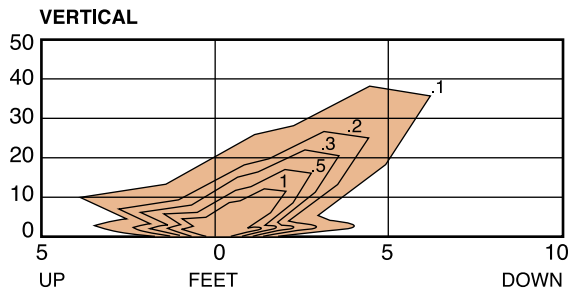
Five year warranty on all electronics and housing.

5 YEAR WARRANTY

Available in both incandescent and MR16

Photometric Data





REM Series Ordering Information

Series	Number of Heads	Options
REM = Remote 5.4W Incandescent Head **REMR16** = Remote 5W MR16 Head	**1** = One **2** = Two	**WP** = Weatherproof **6** = 6V **12** = 12V **5** = 5.4W lamps **7** = 7.2W lamps **9** = 9W lamps

PS 1

Polycarbonate shield For SLED Exit signs and SEM Emergency lights.

7.5″ x 21″ x 13″

SW1 / SW2

Durable stainless steel construction. Specify suffix 1 for SEM, SDC, SFOEM, SLED and SSL Exit & Emergency lights

13.5″ x 15″ x 6″

Specify suffix 2 for SCLI Exit Signs

13.5″ x 30″ x 6″

LED RET AD

For 120V applications. 2.8 watts per kit.

For retrofitting incandescent exits only.

Red (LED RET AD)

Green (LED RET AD G)
For screw in units.

Socket adapters supplied (for signs with bayonet, intermediate, or candelabra bases). Each unit is 5 1/8″ tall by 1 5/8″ wide (add 1/8″ when using adapters). ETL listed.

LED RET HW

Red LED Retrofit Kit. For hard wire in units. For use with red lettered exits. For 120V or 277V applications. Energy efficient - 2.8 watts per kit. Kits come complete with mounting bracket and double face tape. ETL listed.

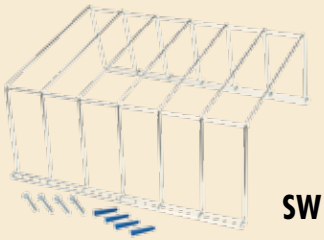
BAT1

6V, 4.5AhH sealed lead acid battery for SEM, SEMR16, SFOEM, and SCLI units.

SLED BAT

4.8V nickel-cadmium battery for SLED and SDC Exit Signs.

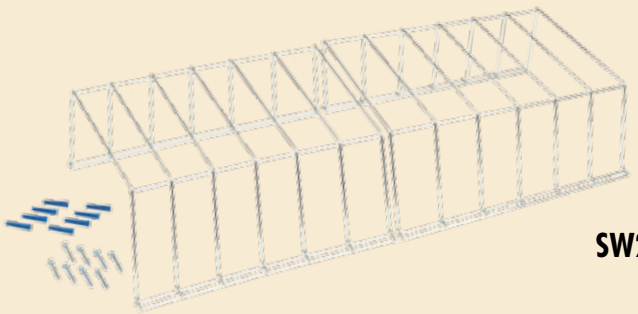
Protective Barriers Heavy duty wireguards offer protection for emergency and exit products in vandal or high abuse applications.



SW1



PS 1



SW2

Retrofit Kits Upgrade incandescent to LEDs.



LED RET AD



LED RET HW

Replacement Batteries Replacement power sources for our most popular emergency and exit products.



SLED BAT



BAT1

SEM *Twin Head Emergency Light*

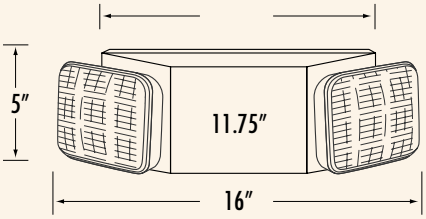


SEM Twin head emergency light with two fully adjustable lighting heads, is as flexible as it is economical

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



5 YEAR WARRANTY



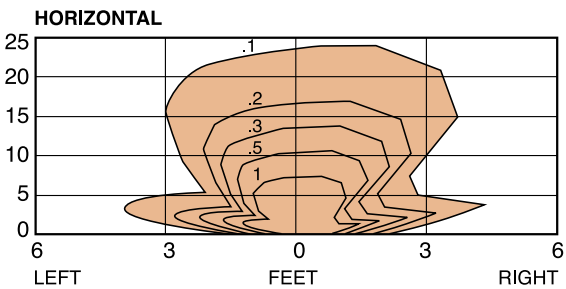
180

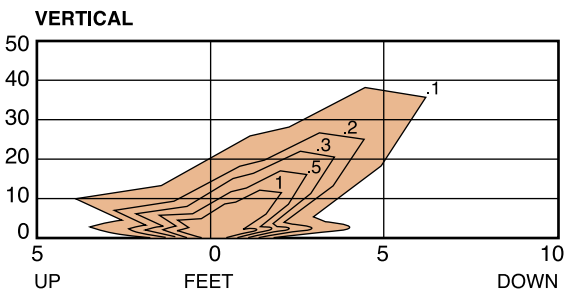
Two fully adjustable lighting heads for 180° coverage



Self-Diagnostic (SD) option available

Photometric Data





SEM Series Ordering Information

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

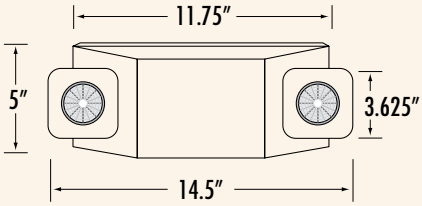


SEMR16 Twin MR16 Emergency Light incorporates the concentrated beam spread and higher luminous intensity of MR16 lamps in attractive mini swivel heads.



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 glare-free lighting heads equipped with 5 watt MR16 tungsten halogen lamps.

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 watt lighting heads.

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



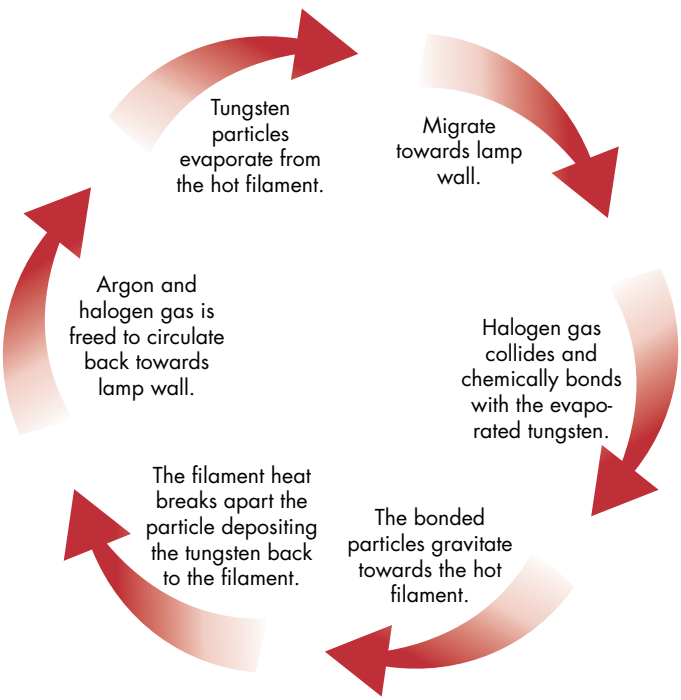
180

Two fully adjustable lighting heads for 180° coverage

5 YEAR WARRANTY

Halogen Cycle

Why halogen lamps last longer



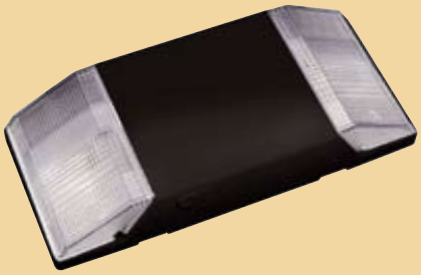
The halogen cycle of the MR16 prevents blackening resulting in higher lumen maintenance and extended lamp life

MR16 lamps provide

- increased luminous intensity
- higher lumen maintenance
- longer life

SEMR16 Series Ordering Information

Series	Housing	Options
SEMR16	**B** = Black **W** = White	**C3** = 3' Cord & Plug **REM** = Remote capable



SFOEM Fixed Optics Emergency Light is ideal for applications where economical emergency illumination along the path of egress is desired.

Housing

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

Illumination

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

Options

4 foot or 7 foot, 3-wire cord and plug available (Option C4 or C7).

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.

ETL Damp location listed. Meets UL924, NFPA 101 Life Safety Code, and NEC requirements.

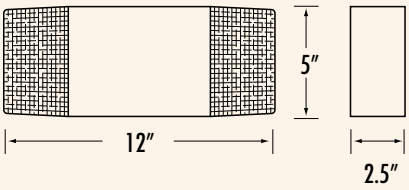
Mounting

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.

Dimensions





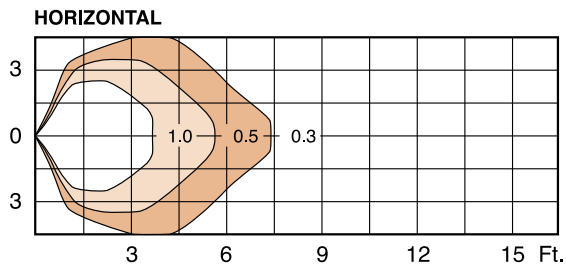
Easy Connect Feature

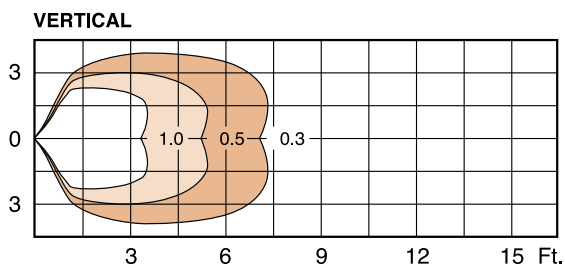
1. Simply pull supply wires in junction box through the canopy or backplate knockout
2. Secure the canopy or backplate to the junction box. Wire fixture with both hands free!
3. Snap the entire fixture right onto the canopy

5 YEAR WARRANTY



Photometric Data





SFOEM Series Ordering Information

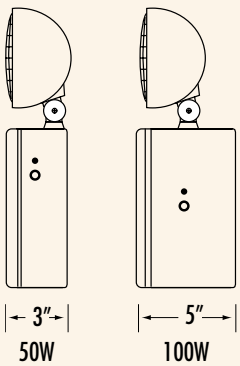
Series	Housing	Options
SFOEM	**B** = Black **W** = White	**C4** = 4′ Cord & Plug **C7** = 7′ Cord & Plug

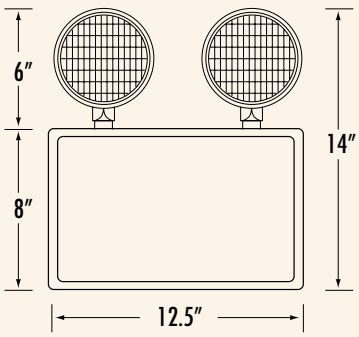


SHDEM Heavy Duty Emergency Light is the powerhouse with the highest wattage capacity of our offering.

360 **Fully adjustable heads**

Dimensions





Housing

Injection-molded, V-0 flame retardant, high-impact thermoplastic housing and lighting heads in neutral finish. Side and top knockouts provided.

Illumination

Two fully adjustable glare-free lighting heads. 6V units supplied with 7.2 watt oval type lamps, 12V units with 9 watt.

High performance parabolic reflector and internally prismatic glass lens with smooth exterior provide optimal light distribution, resistance to discoloration.

Options

Power additional or remote heads up to designated wattage of unit specified in part number.

Battery

6V 10AH, sealed lead acid, maintenance-free, rechargeable battery for 6V and 12V systems.

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.

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

Mounting

Integral back plate with keyhole slots fits most standard junction boxes.

Warranty

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



360

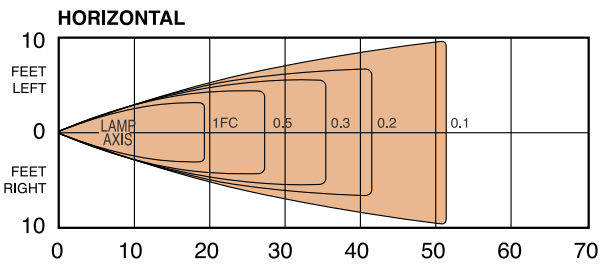
Fully adjustable heads

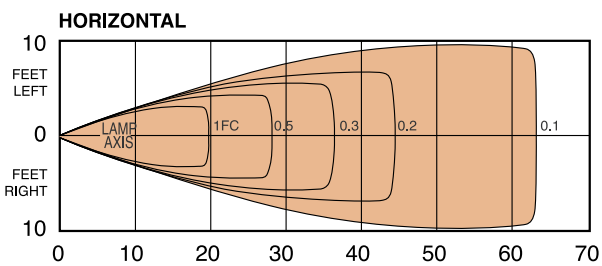
- Two fully adjustable lighting heads for 360° coverage
- Serrated teeth lock the head into position for dependable performance



5 YEAR WARRANTY

Photometric Data





SHDEM Series Ordering Information

Series	Wattage	Battery Voltage	Options
SHDEM	**28** = 28 watt capacity **36** = 36 watt capacity **50** = 50 watt capacity **72** = 72 watt capacity **100** = 100 watt capacity	**12** = 12V **6** = 6V	**REM** = Remote Capable

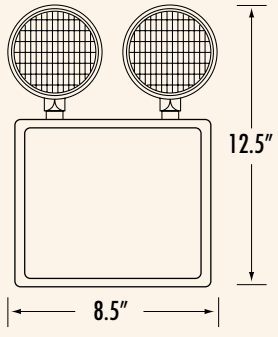


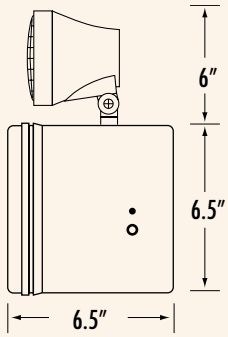
SWLEM Wet Location Emergency Light is designed for durability and provides emergency illumination through most weather conditions.

Fully adjustable heads

ETL wet location listed

Dimensions





Housing

Injection-molded, UV coated, V-O flame retardant, high-impact, thermoplastic enclosure resistant to corrosive atmospheres, non-hazardous dust environments and to water spray, splashing water or where hose downs frequently occur.

Illumination

Two fully adjustable 7.2 watt, glare-free lighting heads.

High performance parabolic reflector and glass lens for optimal light distribution and resistance.

Options

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

Battery

6V, 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 (battery back up units).

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.

ETL Wet location (0°- 50°C) listed. Meets UL924, NFPA101 Life Safety Code, and NEC requirements.

Mounting

Back plate fits most standard junction boxes.

Warranty

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



Fully adjustable Heads

- Two fully adjustable lighting heads for 360° coverage
- Serrated teeth lock the head into position for dependable performance

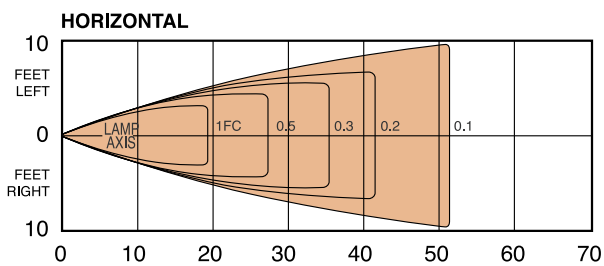
5 YEAR WARRANTY



ETL wet location listed

- Fully gasketed wet location enclosure withstands the elements
- Hinged access for easy hands-free wiring

Photometric Data



SWLEM Series Ordering Information

Series	Wattage	Battery Voltage	Options
SWLEM	**14** = 2x7.2W	**6** = 6V	**REM** = Remote Capable