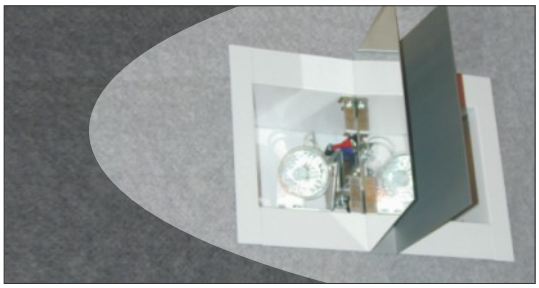
LSL 24/7
LIFE SAFETY LIGHTING

Job Name:
Type:
Part #:
Notes:

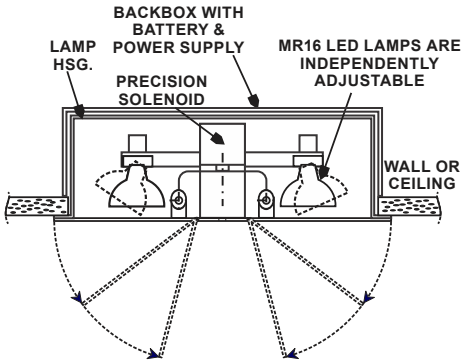
LSEMCV

Recessed Emergency Light With Moving Door & Hidden Lamp Assembly.



U.S. Patent 5, 851, 061

The Series LSEMCV delivers very high lumen output with Dual MR16 LED lamps, and remains hidden in normal conditions It is ideal for locations with high ceilings, or areas requiring longer spacing between fixtures. High efficiency LEDs, Designed and manufactured in the USA.



FEATURES:

- Following AC power failure, cover doors open instantly and provide emergency lighting to area required, with automatic retraction when AC power is restored.
- The cover doors may be color matched to any interior finish so when closed in normal mode, the unit is practically invisble.
- Universal Wall or Ceiling Mount.
- The doors are driven by a simple spring and solenoid with magnetic latch, simple and trouble- free.
- Automatic reset always returns the moving doors to the correct position after adjustments.
- Flush- fitting covers with internal reflective surfaces are mounted on composite fiber hinges for extreme durability through multiple cycles.
- No unauthorized access to the lamp heads by vandals.
- Three versions available:

-LSEMCVBB= Unit equipment with self-contained battery
-LSEMCVAC= 120/ 277 VAC Input

- The LED lamps remain stationary, protecting hot filaments from damage by vibration.
- Up to 60,000 hr lamp life; typical installations will never require a lamp replacement.
- Swivel mounted lamp heads are universally adjustable and can be precisely positioned where light is needed.

ELECTRONICS

- Self-Test/Self-Diagnostic operation is standard in battery backup versions.
- Low Voltage Disconnect prevents deep battery discharge.
- Isolated switch mode power supply with regulated current and voltage output to the lamp load and battery. Universal AC supply 120/277 VAC input via two- wire feed.
- High efficiency charger for fast charge and maximum battery life.
- Diagnostic display by multicolor LED or full function alpha- numeric display (remote test panel).
- Standard Operating Temperatures: **BB:** 0°C to 50°C **AC:** -40°C to 50°C

CODES: Manufactured and tested to UL Standard 924, NFPA Life Safety Code101, and certified to IP66.

WARRANTY: 3 year limited warranty.

DESIGNED & MADE IN THE USA
c ETL LISTED us Intertek
BABA BAA

BATTERY DIAGNOSTIC FUNCTIONS:
Microcontroller performs tests as follows:

Continuous Monitoring	Every 28 Days	Every 12 Months
Lamp Connections	Transfer switch function	Full emergency operation test with test/ fail and manual report signal
Battery Connections	Reduced Battery Capacity	

SELF- TEST DIAGNOSTIC FUNCTIONS

STATUS	LED DISPLAY
NORMAL FULL CHARGE	GREEN ON
NORMAL FAST CHARGE	ORANGE ON
FAILED BATTERY	RED FLASH FAST
FAILED LAMP	GREEN FLASH
FAILED TRANSFER	ORANGE FLASH
FAILED CHARGER	RED FLASH SLOW

2026.06

Office: 267-982-2661
www.lsl247.com

Specifications subject to change without prior notice.
@2026 LSL 24/7. ALL RIGHTS RESERVED

LSL 24/7
LIFE SAFETY LIGHTING

Job Name:

Type:

Part #:

Notes:

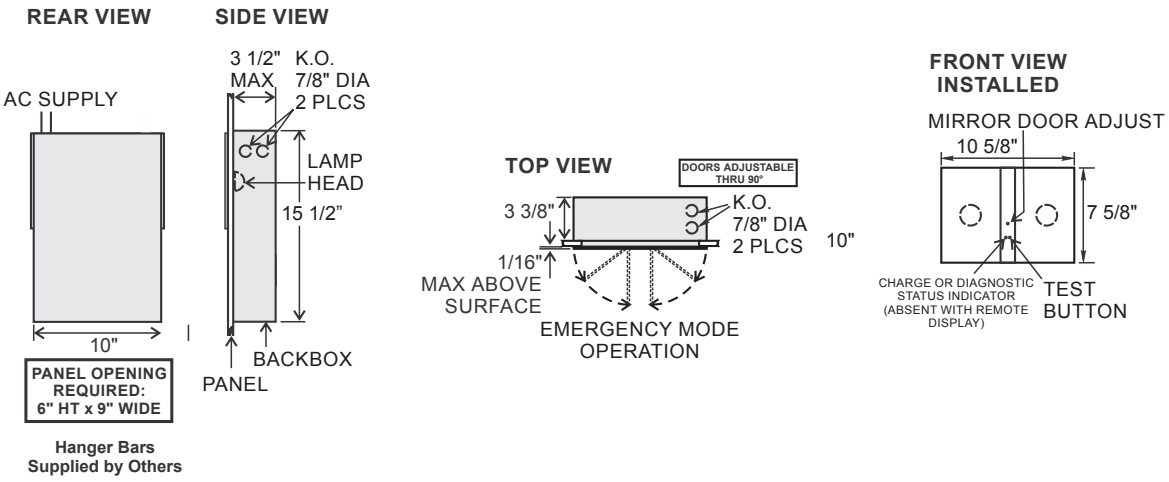
FIXTURE ORDERING INFORMATION EXAMPLE: LSEMCV-BB9-LC2-RT

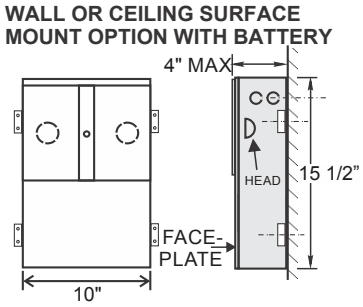
LSEMCV | | 9 | - | LC 2 | | RT

SERIES	OPERATION	LAMP POWER	HOUSING COLOR	BATTERY (BB Models)		OPTIONS
				TYPE	RUN TIME	
LSEMCV	**BB** Battery Unit **AC** No Battery	**9** Two 9 Watts MR-16 LED Lamps.	(Blank) White **K** Black **A** Aluminum **B** Dark Bronze **X** Custom	**LC** Sealed Lead Acid (SLA) **NC** Nickel Metal Hydrid(NiMH)	**1.5** 90 Minutes **2** 120 Minutes	**RT** Remote Test Panel (BB Models) **DP** Damp Location **SM** Surface Mount

SUGGESTED SPECIFCATIONS: Install this recessed emergency light fixture, available as unit equipment including battery diagnostics as standard. In normal mode, dual lamp heads, charger and battery shall be fully recessed and covered by hinged doors with reflective internal surfaces with no exposed mounting screws. Upon loss of utility power, doors will open immediately, lamps will be energized and light will be reflected onto the path of egress. Upon restoration of utility power, lamps will extinguish and the reflective doors will automatically retract. The door linkage shall allow manual movement without breakage or misalignment. Door and lamp position shall be adjustable to allow placement of light beams to any desired position. Lamps shall be 12 VDC LED MR16 with total power rating up to 18 watts. The battery charger shall be an isolated power supply with universal 120/277 VAC input via two-wire feed. Automatic battery diagnostics shall be included with all models and shall perform all test functions and fault displays required by UL Standard 924.

MOUNTING DATA & DIMENSIONS:





NOTE: THIS DEVICE CONTAINS A MICROPROCESSOR TO CONTROL EMERGENCY LIGHTING. OPERATION CAN BE DISRUPTED BY EMI (ELECTRO- MAGNETIC INTERFERENCE) EMITTED BY CERTAIN TYPES OF HIGH-POWERED EQUIPMENT. DO NOT CONNECT IN THE SAME CIRCUIT OR SHARE NEUTRAL WIRING WITH FREQUENCY-CHANGING DIMMING EQUIPMENT USED WITH HID FIXTURES OR SIMILAR. CONTACT FACTORY FOR MORE INFORMATION.

Contact us for layout assistance.
Code compliant emergency lighting layouts provided!

2026.06

Office: 267-982-2661
www.lsl247.com

Specifications subject to change without prior notice.
@2026 LSL 24/7. ALL RIGHTS RESERVED