

Recessed Emergency Light With Moving Door and Hidden Lamp Assembly.

The Series CVL 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 invisible.
- 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:
 - CVLBB= Unit equipment with self-contained battery
 - CVLRE= Remote for connection to Central Battery System
 - CVLAC= 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, or 24 VDC input for remote configuration.
- 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 Temperature
 - BB:** 0°C to 50°C
 - AC & RE:** -40°C to 50°C

PROJECT:

TYPE:

CATALOG #:

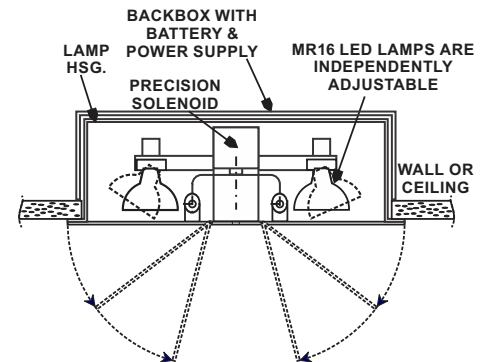
CoverLite LED®

Series CVL

REV #: CVL.12.25.03



U.S. Patent 5, 851, 061



CODES

- Manufactured and tested to UL Standard 924, NFPA Life Safety Code101, and certified to Ip66.

WARRANTY

- 3 year total customer satisfaction warranty. For details see Signtex product catalog technical data section.



FIXTURE ORDERING INFORMATION EXAMPLE: CVLBB9-LC2-RT

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

Recessed Emergency Light

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SUGGESTED SPECIFICATIONS:

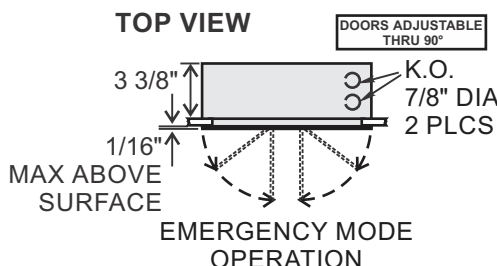
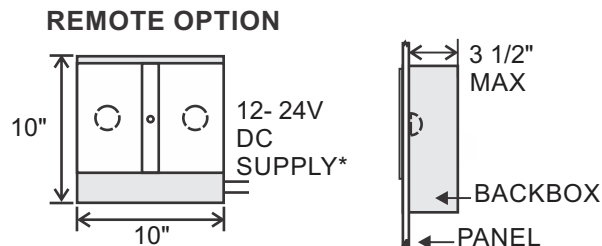
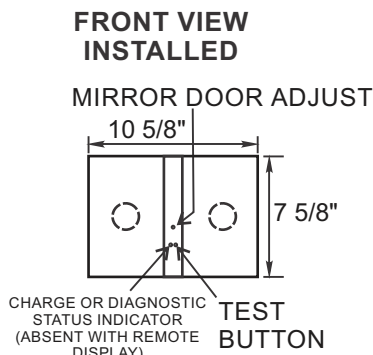
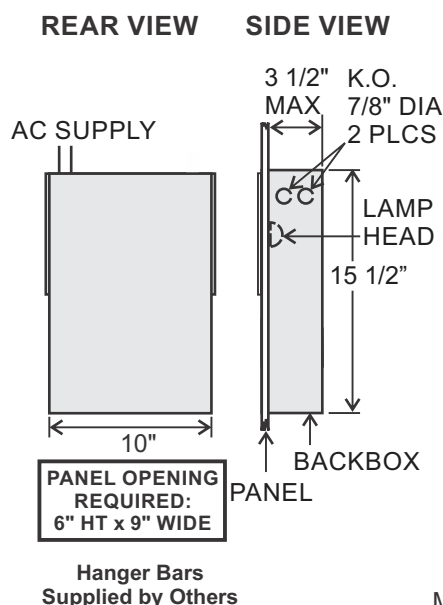
Install COVERLITE Series CVL recessed emergency light fixture manufactured by Signtex, Inc., available as unit equipment including battery diagnostics as standard, or as a remote device connected to a central power source. In normal mode, dual lamp heads, charger and battery shall be fully recessed and 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 on to 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.

BATTERY DIAGNOSTIC FUNCTIONS:

Microcontroller performs tests as follows:

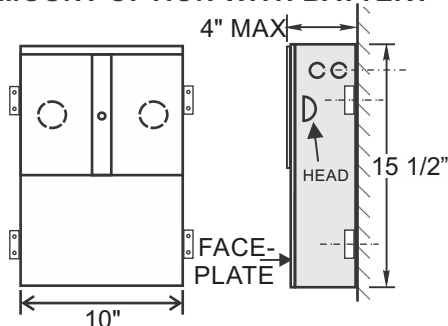
| Continuous Monitoring | Every 28 Days | Every 12 Months |
|-----------------------|--------------------------|------------------------------------------------------------------------|
| Lamp Connections | Transfer switch function | Full emergency operation test with test/ fail and manual report signal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

MOUNTING DATA & DIMENSIONS:

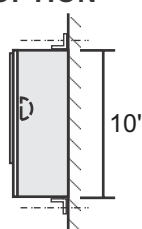


*SEE SIGNTEX DATA SHEET SERIES CBL/CBM CENTRAL BATTERY SYSTEM FOR DETAILS

WALL OR CEILING SURFACE MOUNT OPTION WITH BATTERY



REMOTE SURFACE MOUNT OPTION



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.

DISTRIBUTOR

Contact Signtex for layout assistance.

Code compliant emergency lighting layouts provided!

Specifications and dimensions subject to change without notice.