

· TYPE _____ · DATE _____ · PROJECT _____

ECL

Sage Eclipse — Recessed Emergency Light with Moving Doors

Recessed Emergency Light

hidden lamp assembly · two 9 W MR16 LED lamps · central battery

SUGGESTED SPECIFICATION

Install Sage Eclipse recessed emergency light fixtures as remote devices on the Sage central battery system. In normal mode the dual lamp heads shall be fully recessed and covered by hinged doors with reflective internal surfaces and no exposed mounting screws; the doors may be color matched to the interior finish so the unit is practically invisible when closed. Upon loss of utility power the doors shall open immediately, the lamps shall be energized and light reflected onto the path of egress; upon restoration of utility power the lamps shall extinguish and the reflective doors automatically retract. The doors shall be driven by a spring and solenoid with a magnetic latch and shall reset automatically to the correct position after adjustment; the door linkage shall allow manual movement without breakage or misalignment, and the covers shall be flush fitting on composite fiber hinges, with no unauthorized access to the lamp heads. Door and lamp position shall be adjustable to place the light beams in any desired position; lamp heads shall be swivel mounted and universally adjustable, and the LEDs shall remain stationary. Lamps shall be two 9 W MR16 LED lamps, total power rating up to 18 watts, with lamp life up to 60,000 hours. The fixture shall mount recessed in a wall or ceiling, with a surface mount option, and shall take its supply from the Sage central battery over the low voltage branch circuit through the power converter in its back box, with no battery and no AC connection at the fixture; the central battery shall provide emergency illumination of at least 90 minutes. Fixtures shall be manufactured and tested to UL 924 and NFPA Life Safety Code 101.

ELECTRICAL SPECIFICATIONS

Central battery operation: the power converter in the back box connects to the Sage central battery branch circuit (common, the 12/24 VDC fixture line and the 24 VDC emergency line) and carries a 24 VDC output circuit on to the next fixture; no AC connection and no battery at the fixture. The doors stay closed in normal service and open when the central battery switches to emergency. Load on the central battery 18 W (two 9 W MR16 LED lamps).

SUPPLY AND LOAD BY CONFIGURATION

Configuration	Supply	Load
CB — Sage central battery	central battery branch circuit · 24 VDC emergency	18 W (two 9 W MR16 LED)

A 24 VDC output circuit continues from the power converter to the next fixture on the circuit.

PRODUCT DATA · INPUT

Operation	CB · central battery
Supply	central battery branch circuit
Lamps	two 9 W MR16 LED · 18 W total
Lamp life	up to 60,000 hours
Mount	recessed wall or ceiling · surface mount option (SM)

FEATURES

- Hidden lamp assembly — dual MR16 LED lamp heads recessed behind reflective doors that open instantly on loss of power and retract when power returns
- Doors driven by a spring and solenoid with magnetic latch; automatic reset after adjustment; flush covers on composite fiber hinges
- Doors color matched to any interior finish; no unauthorized access to the lamp heads
- Very high lumen output for high ceilings and long spacing; lamps stationary, swivel heads universally adjustable; lamp life up to 60,000 hours
- Universal wall or ceiling recessed mount; surface mount option (SM); damp location option (DP)
- Central battery operation through the back box power converter — no battery and no AC connection at the fixture

TEMPERATURE

Operating Temperature

-40 to 50 °C

“Engineered for the spaces it protects.”

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ORDERING INFORMATION

Operation	CB = remote with the Sage central battery
Lamp Power	9 = two 9 W MR16 LED lamps
Housing Color	(blank) White · K Black · A Aluminum · B Dark Bronze · X Custom
Options	DP damp location · SM surface mount

Ordering Example: ECL-CB-9-K-SM

UL CONDITIONS OF ACCEPTABILITY

Manufactured and tested to UL Standard 924, NFPA Life Safety Code 101. Do not connect in the same circuit or share neutral wiring with high-powered equipment using frequency-changing dimming equipment (HID fixtures or similar); the fixture contains a microprocessor and EMI can disrupt its operation.

NOTE: Three-year warranty.

NOTE: Buy American Act and Build America, Buy America marks on the source sheet.

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