

· TYPE _____ · DATE _____ · PROJECT _____

ALX

Sage Alexandrite — Recessed Edge-Lit LED Exit Sign

Recessed Edge-Lit Exit Sign

recessed top or wall · Red / Green · central battery

SUGGESTED SPECIFICATION

Install Sage Alexandrite recessed LED edge-lit exit signs as remote devices connected to the Sage central battery system. The extruded-aluminum lamp housing shall be fitted within a recessed back box fabricated from 18 SWG galvanized steel, and the graphic lenses shall be optical-grade acrylic with diamond-polished edges, with custom graphics and directional arrows. Ultra-high-output LEDs in red or green (up to 5 candela) shall provide lighting uniformity better than 4:1 over any illuminated area, average brightness exceeding 6 ft Lambert (21 cd/m²), and LED life expectancy in excess of 20 years. Signs shall operate on 24 VDC from the central battery system, with no battery and no AC connection at the sign; the central battery shall provide emergency operation of at least 90 minutes for each sign. Standard finishes shall be satin white enamel and brushed aluminum, with stainless steel trim available. Signs shall be manufactured and tested to UL Standard 924 and NFPA 101 and suitable for indoor damp locations when specified.

ELECTRICAL SPECIFICATIONS

Central battery operation: 24 VDC from the Sage central battery over the low voltage branch circuit; no AC connection and no battery at the sign. Load (EPR) for cabinet sizing: 2 W single face, 4 W double face. REP models take 48 or 60 VDC from a DC power supply or PoE system. Exit signs carry letter color, not color temperature.

LOAD SPECIFICATIONS — CENTRAL BATTERY SYSTEM

Fixture	EPR (Watts)
ALX-CB-1 — single face	2
ALX-CB-2 — double face	4

EPR = Emergency Power Rating for cabinet sizing; the sign sits on the central battery branch circuit.

PRODUCT DATA · INPUT

Operation CB · 24 VDC from the central battery (REP 48/60 V)
EPR (central battery) 2 W single face · 4 W double face
Letters Red · Green · up to 5 candela
Faces 1 single · 2 double
Mount Recessed top (ceiling) or wall · end and waterfall options

FEATURES

- Recessed edge-lit sign — extruded-aluminum LED lamp housing fitted within an 18 SWG galvanized-steel back box; removable front cover
- Diamond-polished acrylic lens with custom graphics and directional arrows; ultra-high-output LEDs, red or green, up to 5 candela
- Central battery operation — 24 VDC over the low voltage branch circuit, 2 W single face and 4 W double face for cabinet sizing
- Recessed top (ceiling) or wall mount; end mount (LE/RE), free-lens end mount (LEF/REF) and waterfall wall mount (WFC/WFB) options
- Standard finishes satin white enamel and brushed aluminum; black, satin bronze, custom and stainless steel trim options
- Damp location option DP

TEMPERATURE

Operating Temperature 0 to 50 °C (damp location with option DP)

“Engineered for the spaces it protects.”

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ORDERING INFORMATION

Operation	CB = remote with the Sage central battery system · REP = remote DC power (power supply or PoE)
Faces	1 single · 2 double
Letter Color	R Red · G Green
Background	C Clear · M Mirror · W White · K Black · X Custom
Trim Finish	W White · K Black · A Alum · B Satin Bronze · X Custom
Arrows	NA none · AB both < > · AR right (SF) · AL left (SF) · LR single > (DF) · CX custom graphics
Mount	T top (recessed ceiling) · W wall
Options	DP damp location · LE/RE end mount left/right · LEF/REF end mount free lens · WFC waterfall wall mount clear · WFB waterfall wall mount backplate · SS stainless steel trim · 48 / 60 = REP input volts

Ordering Example: ALX-CB-1-R-C-A-NA-T

UL CONDITIONS OF ACCEPTABILITY

Manufactured and tested to UL Standard 924 and NFPA 101 Life Safety Code. ETL Listed (cETLus). Suitable for indoor damp locations when specified — order option DP; do not use outdoors. Standard operating temperature 0 to 50 °C.

NOTE: SF = single face · DF = double face. 48 / 60 apply to REP units only.

NOTE: The back box recesses into the ceiling or wall with its edge flush or just below the finished panel surface. Grid ceilings: hanger bars by others, 12 to 48 in, panel thickness 3/8 to 1 3/8 in.

NOTE: Five-year total customer satisfaction warranty.

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