

· TYPE _____ · DATE _____ · PROJECT _____

CAI

Sage Cairn — Thin Die-Cast Aluminum Exit Sign

Thin Die-Cast Aluminum Exit Sign

single / double face · Red / Green · central battery or remote DC

SUGGESTED SPECIFICATION

Install Sage Cairn thin die-cast aluminum LED exit signs with ultra bright, energy efficient, long life red or green LEDs in a premium-grade, specification-grade low profile die-cast aluminum housing, natural or optional black or white powder coat, with field selectable knockout chevron directional indicators and a quick-snap face plate closure. An aluminum mounting canopy shall be included for top or end mount, and the back plate shall carry a universal knockout pattern for wall mount; a wire guard, vandal shields and polycarbonate faces shall be available. Signs shall operate as remote devices on the Sage central battery system, 12 VDC in normal service and 24 VDC in emergency, with no battery and no AC connection at the sign, and the central battery shall provide emergency illumination of at least 90 minutes; where a separate DC power supply or PoE system feeds the sign (REP), 48 VDC or 60 VDC inputs shall be available. Signs shall meet UL 924, NFPA 101, NEC, OSHA and local and state codes, be UL listed for damp locations, and be certified to CEC under Title 20.

ELECTRICAL SPECIFICATIONS

Central battery operation: 12 VDC in normal service and 24 VDC in emergency from the Sage central battery over the low voltage branch circuit; no AC connection and no battery at the sign. Cabinet sizing per the Sage design. REP: remote DC power from a power supply or PoE system, 48 VDC or 60 VDC input. Exit signs carry letter color, not color temperature.

SUPPLY BY CONFIGURATION

Configuration	Supply
CB — Sage central battery	12 VDC normal service · 24 VDC emergency
REP — remote DC power supply or PoE	48 VDC or 60 VDC input, as ordered

Cabinet sizing per the Sage design.

PRODUCT DATA · INPUT

Operation	CB · central battery · REP · remote DC
Supply	12 VDC normal · 24 VDC emergency
REP input	48 VDC · 60 VDC
Letters	Red · Green
Faces	1 single · 2 double

FEATURES

- Ultra bright, energy efficient, long life Red or Green LEDs
- Specification-grade, low profile, thin die-cast aluminum housing, ⅝" deep; natural, black or white powder coat
- Field selectable knockout chevron indicators; quick-snap face plate closure
- Aluminum mounting canopy included for top or end mount; universal knockout back plate for wall mount
- Wire guard (WG), vandal shields (VS) and polycarbonate face (PF1, PF2) options
- Central battery operation — 12 VDC normal service, 24 VDC emergency over the low voltage branch circuit; REP 48 / 60 VDC input

TEMPERATURE

Operating Temperature 0 to 50 °C (UL damp location)

ORDERING INFORMATION

Operation	CB = power from the Sage central battery · REP = power from a DC power supply or PoE
Faces	1 single · 2 double
Letter Color	R Red · G Green
Housing Color	W White · B Black · A Aluminum
Options	48 = 48 VDC input (REP) · 60 = 60 VDC input (REP) · WG wire guard · VS vandal shields · PF1 polycarbonate face, single · PF2 polycarbonate face, double

Ordering Example: CAI-CB-1-R-W-WG

UL CONDITIONS OF ACCEPTABILITY

Meets UL 924, NFPA 101 Life Safety Code, NEC, OSHA, and local and state codes. UL listed for damp locations (0 to 50 °C). Certified to CEC under Title 20 regulations.

NOTE: Five-year warranty on all electronics and housing.

“Engineered for the spaces it protects.”