

· TYPE _____ · DATE _____ · PROJECT _____

BAI

Sage Basin — Thin Die-Cast Aluminum Exit and Emergency Combo spec-grade EXIT with two 3 W heads · single / double / universal face · central battery

Die-Cast Exit and Emergency Combo

SUGGESTED SPECIFICATION

Install Sage Basin die-cast aluminum exit and emergency combination units, a specification-grade EXIT sign with two LED lamp heads in one low profile housing. Letters shall be ultra bright, energy efficient, long life red or green LEDs; lamp heads shall be high performance premium grade ultra bright white LEDs, 3 W per head. The housing shall be premium-grade die-cast aluminum, natural or black or white powder coat, with field selectable knockout chevron directional indicators, a quick-snap face plate closure and a design that allows double face conversion in the field. 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. Units 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 unit, and the central battery shall provide emergency illumination of at least 90 minutes; 48 VDC or 60 VDC inputs shall be available where a DC power supply or PoE system feeds the unit. Units 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 unit. Load on the central battery per the Sage design (letters plus two 3 W lamp heads). 48 VDC or 60 VDC input options for DC power supply or PoE feeds. Exit legends carry letter color, not color temperature.

SUPPLY AND LOAD BY CONFIGURATION

Configuration	Supply	Heads
CB — Sage central battery	12 VDC normal service · 24 VDC emergency	two 3 W LED heads
48 / 60 option	48 VDC or 60 VDC input, as ordered	two 3 W LED heads

Cabinet sizing per the Sage design.

PRODUCT DATA · INPUT

Operation	CB · central battery
Supply	12 VDC normal · 24 VDC emergency · 48 / 60 VDC options
Lamp heads	two · 3 W each · white LED
Letters	Red · Green
Faces	1 single · 2 double · U universal

FEATURES

- Spec-grade die-cast EXIT sign with two LED lamp heads in one low profile housing; 3 W per head
- Ultra bright, energy efficient, long life Red or Green LED letters
- Premium-grade die-cast aluminum housing; natural, black or white powder coat; quick-snap face plate
- Field selectable knockout chevron indicators; double face conversion in the field; universal face option
- Aluminum mounting canopy included for top or end mount; universal knockout back plate for wall mount
- Central battery operation — 12 VDC normal service, 24 VDC emergency; 48 / 60 VDC input options

TEMPERATURE

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

ORDERING INFORMATION

Operation	CB = Sage central battery
Faces	1 single · 2 double · U universal single / double
Letter Color	R Red · G Green
Housing Color	W White · B Black · A Aluminum
Face Panel	W White · B Black · A Aluminum
Options	48 = 48 VDC input · 60 = 60 VDC input

Ordering Example: BAI-CB-1-R-W-W

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: Special voltage and face plate options on request.

“Engineered for the spaces it protects.”