

· TYPE _____ · DATE _____ · PROJECT _____

CAR

Sage Carbon — Polycarbonate Exit Sign, Wet Location Construction gasketed corrosion-resistant enclosure · single / double face · central battery

Polycarbonate Exit Sign

SUGGESTED SPECIFICATION

Install Sage Carbon LED exit signs with ultra-bright, energy efficient, long-lasting white LEDs providing uniform illumination behind a red or green legend. The housing shall be reinforced polycarbonate in white or black, a corrosion-resistant enclosure with a one piece, high-impact resistant, UV stabilized polycarbonate lens, a molded gasket and stainless steel screws, with knockouts for conduit feed and snap-out chevron directional indicators. The back shall carry a universal knockout pattern with a gasket for a watertight back mount, and a polycarbonate mounting canopy shall be included for top or end mount; tamper-proof hardware 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; 48 VDC or 60 VDC inputs shall be available where a DC power supply or PoE system feeds the sign. Signs shall meet UL 924, NFPA 101, NEC, OSHA and local and state codes, be UL listed for damp locations, be certified to CEC under Title 20 and meet City of Chicago requirements.

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. 48 VDC or 60 VDC input options for DC power supply or PoE feeds. Exit signs carry letter color, not color temperature.

SUPPLY BY CONFIGURATION

Configuration	Supply
CB — Sage central battery	12 VDC normal service · 24 VDC emergency
48 / 60 option	48 VDC or 60 VDC input, as ordered

Cabinet sizing per the Sage design.

PRODUCT DATA · INPUT

Operation	CB · central battery
Supply	12 VDC normal · 24 VDC emergency · 48 / 60 VDC options
Letters	Red · Green
Faces	1 single · 2 double
Housing	reinforced polycarbonate · white or black · gasketed

FEATURES

- Ultra-bright, energy efficient, long-lasting white LEDs; uniform illumination; Red or Green legend
- Reinforced polycarbonate housing, white or black; corrosion-resistant enclosure with a one piece high-impact, UV stabilized polycarbonate lens
- Molded gasket with stainless steel screws; gasketed universal knockout back for a watertight back mount
- Polycarbonate mounting canopy included for top or end mount; knockouts for conduit feed
- Snap-out chevron directional indicators; tamper-proof hardware option (TP)
- 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
Letter Color	R Red · G Green
Housing Color	W White · B Black
Options	48 = 48 VDC input · 60 = 60 VDC input · TP tamper proof

Ordering Example: CAR-CB-1-R-W-TP

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. Meets City of Chicago requirements.

NOTE: Tamper-proof hardware (TP) discourages unauthorized access to the unit.

“Engineered for the spaces it protects.”