

· TYPE _____ · DATE _____ · PROJECT _____

BIR

Sage Birch — Thermoplastic Exit Sign

Thermoplastic Exit Sign

universal single / double face · Red / Green / RG · central battery

SUGGESTED SPECIFICATION

Install Sage Birch thermoplastic LED exit signs with ultra-bright, energy-efficient, long-life Red or Green letters, or the field-selectable Red/Green version, universal single or double face, in an injection-molded, engineering-grade, 5VA flame-retardant, high-impact-resistant thermoplastic housing in white or black with snap-out chevron directional indicators. 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. A mounting canopy shall be included for top or end mount, and the back plate shall carry a universal knockout pattern for wall mount. 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. REP models take 48 or 60 VDC from a DC power supply or PoE system. Cabinet sizing per the Sage design. 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 — DC power supply / PoE	48 or 60 VDC

Cabinet sizing per the Sage design.

PRODUCT DATA · INPUT

Operation	CB · central battery (REP 48/60 V)
Supply	12 VDC normal · 24 VDC emergency
Letters	Red · Green · RG (field-selectable)
Faces	universal single / double
Housing	White · Black

FEATURES

- Ultra-bright, energy-efficient, long-life LED illumination — Red, Green, or field-selectable Red/Green (RG)
- Universal single or double face with snap-out chevron directional indicators
- Central battery operation — 12 VDC normal service, 24 VDC emergency over the low voltage branch circuit
- Mounting canopy included for top or end mount; universal knockout pattern on the back plate for wall mount
- Injection-molded, engineering-grade, 5VA flame-retardant, high-impact-resistant thermoplastic; White or Black housing

TEMPERATURE

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

ORDERING INFORMATION

Operation	CB = remote with the Sage central battery system · REP = remote DC power (power supply or PoE)
Faces	2 = universal single / double face
Letter	R Red · G Green · RG Red/Green (field-selectable)
Housing	W White · B Black
Options	48 / 60 = REP input volts
Ordering Example: BIR-CB-2-R-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: RG letters are field selectable. 48 / 60 apply to REP units only.

NOTE: Five-year warranty on electronics and housing.

“Engineered for the spaces it protects.”