

TYPE _____ · DATE _____ · PROJECT _____

EMB

Sage Ember — Full Cut-Off Wall Pack, Sensor Ready

Full Cut-Off Wall Pack, Sensor Ready

9L / 17L · 4,815 – 17,186 lm · IP65 wet location

SUGGESTED SPECIFICATION

Install Sage Ember full cut-off LED wall-pack fixtures, sensor ready, in the size specified — EMB-9L (4,815 to 9,010 nominal lumens) or EMB-17L (9,337 to 17,186 nominal lumens) — with field-selectable nominal lumen output and field-selectable color temperature (3000 / 4000 / 5000 K; CRI > 80), operating on universal 120–277 VAC, 50–60 Hz, with 0–10 VDC dimming drivers and an integrated photocell standard, behind a polycarbonate lens. Fixtures shall be cULus listed for wet locations, DLC Premium listed, IP65 and IK08 rated, with 6 kV input surge protection, for –40 to 50 °C ambient. Where emergency egress lighting is specified, 9L fixtures shall be factory-equipped with a UL Listed Sage Relay (SR3) — an adjustable emergency lighting control powered from a Sage low-voltage central battery (DC) system, emergency power rating factory-adjustable 10–20 W (1,575–3,150 lumens) — or fixtures shall carry the 8 W emergency driver option (Em8).

ELECTRICAL SPECIFICATIONS

Normal lighting on universal 120–277 VAC (50–60 Hz; PF > 0.9; THD < 20%; input 0.25–0.49 A @ 120 V across the 9L range · 0.49–0.93 A @ 120 V across the 17L range), with 0–10 VDC dimming drivers and an integrated photocell — enable/disable by switch — standard. Screw-in sensor ready: occupancy sensor and remote control sold separately; the remote is required to change factory sensor settings. Emergency egress from the Sage central battery through the factory-installed Sage Relay (SR3 — 9L; EPR factory-adjustable 10–20 W, 1,575–3,150 lm) or by the Em8 8 W emergency driver (1,260 lm 9L · 1,269 lm 17L). LED life 167,000 h L70 (IES TM-21-11 calculated) · 51,000 h L90; LED chromaticity within 6-step ANSI quadrangles; 6 kV surge protection.

SELECTABLE OUTPUT (4000 K)

Model	Power (selectable)	Lumens (4000 K)	Efficacy
EMB-9L	30 / 40 / 50 / 60 W	5,015 · 6,295 · 8,042 · 9,010	157.46 – 164.10 lm/W
EMB-17L	60 / 80 / 100 / 120 W	9,638 · 12,561 · 15,090 · 17,186	158.60 – 164.81 lm/W

Per the published lumen tables — nominal values; defaults are 4000 K and the highest lumen output; 3000 / 5000 K values differ slightly. Photometrics (4000 K, highest setting): IES Type III · Very Short · BUG B3-U0-G1 (9L) / B3-U0-G2 (17L). Compatible emergency drivers, factory-installed: EM4 — 4 W, 630 / 634 EM lm · Em8 — 8 W, 1,260 / 1,269 EM lm (9L / 17L; EM lumens at 4000 K, highest power setting). Ordering option: Em8.

PRODUCT DATA · INPUT

AC Input 120 – 277 VAC, 50–60 Hz
Output (selectable) 9L 4,815 – 9,010 lm · 17L 9,337 – 17,186 lm
CCT / CRI 3000 / 4000 / 5000 K selectable · CRI > 80
Emergency Sage Relay SR3 (9L) · EPR 10–20 W · Em8 8 W driver
Dimming / Photocell 0–10 VDC standard · integral photocell
LED Life 167,000 h L70 (TM-21-11) · 51,000 h L90
Surge / PF / THD 6 kV · PF > 0.9 · THD < 20%

FEATURES

- Full cut-off LED wall pack, sensor ready — screw-in occupancy sensor and remote control sold separately (the remote changes factory sensor settings)
- Field-selectable output and CCT — 9L 4,815–9,010 lm · 17L 9,337–17,186 lm · 3000 / 4000 / 5000 K (defaults: 4000 K, highest output)
- Emergency egress from the Sage central battery — factory-installed UL Listed Sage Relay (SR3, 9L) or 8 W emergency driver (Em8)
- Wet-location rated — cULus, IP65, IK08; 6 kV surge protection; –40 to 50 °C ambient
- Long-life LEDs — 167,000 h L70 (TM-21-11) · 51,000 h L90 · CRI > 80; integral photocell standard

TEMPERATURE

Operating Temperature –40 to 50 °C (–40 to 122 °F)

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ORDERING INFORMATION

Size	9L = 5,000 / 6,000 / 8,000 / 9,000 lm nominal · 17L = 10,000 / 13,000 / 15,000 / 17,000 lm nominal
Selectable	SLSK = SL selectable nominal lumens + SK selectable color temp (3000 / 4000 / 5000 K)
Voltage	MV = 120 – 277 VAC
Options	SR3 = Sage Relay, emergency lighting control (9L) — EPR 10–20 W factory adjustable · Em8 = 8 W emergency driver

Ordering Example: EMB-9L-SLSK-MV-SR3

UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations; IP65 rated for ingress protection and IK08 rated for impact protection. DLC Premium listed. Complies with FCC Part 15, Class A. The factory-installed emergency lighting control (Sage Relay) is UL Listed.

NOTE: Emergency output is adjustable through the EPR range (lumens = EPR watts × luminaire efficacy); for maximum efficiency, set EPR at the minimum level for compliance with NFPA Life Safety Code, based on photometric data for the fixture as installed.

NOTE: Accessories (order separately): HD07VR-PHF-1 passive-infrared sensor (39 ft max mounting height) · HD07VR-MHF-1 microwave step-dimming sensor (49 ft max) · HD05R remote control (required to change factory settings). Compatible 0–10 V dimmers: Best Lighting DWS-010V-T / DWS-010V-D · Leviton IP710-LFZ · Lutron DVSTV.

NOTE: 5 year total customer satisfaction warranty.

NOTE: Contact Sage for layout assistance — code-compliant emergency lighting layouts provided.

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