

TYPE _____ · DATE _____ · PROJECT _____

BAS

Sage Basalt — Forward Lighting Wall Pack · Sensor Ready

Forward Lighting Wall Pack

25–120 W settings · 3,781–16,817 lm · Sage Relay option

SUGGESTED SPECIFICATION

Install Sage Basalt forward-lighting LED wall-pack fixtures — sensor ready — in premium powder-coat die-cast aluminum housings, Bronze, with prismatic glass lenses. Fixtures shall operate on universal 120–277 VAC (50–60 Hz) with 0–10 VDC dimming drivers and an integral photocell standard, deliver field-selectable lumen output (3,781–7,817 lm, size 8L · 9,076–16,817 lm, size 17L) with field-selectable color temperature (3000 / 4000 / 5000 K, CRI > 80), and accept a screw-in occupancy sensor (sensor and remote control sold separately). For code-compliant emergency egress lighting, fixtures shall be furnished with the factory-installed, UL Listed Sage Relay (SR7) for connection to a Sage low-voltage central-battery DC emergency power system — emergency power rating factory-adjustable 10–40 W, delivering an adjustable 1,575–6,300 emergency lumens (8L) or 1,586–6,345 emergency lumens (17L). cULus listed for wet locations; DLC Premium; IP65 and IK08 rated; 6 kV surge protection.

ELECTRICAL SPECIFICATIONS

AC and DC operation: normal lighting on 120–277 VAC, 50–60 Hz (8L input 0.21–0.43 A @ 120 V · 0.09–0.19 A @ 277 V; 17L input 0.49–0.95 A @ 120 V · 0.21–0.41 A @ 277 V; PF > 0.9; THD < 20%; 6 kV input transient surge protection), with 0–10 VDC dimming drivers and an integral photocell (switch enable/disable) standard. Emergency options: the factory-installed Sage Relay (SR7 — EPR factory-adjustable 10–40 W on the Sage central battery, 24 VDC), 4 W / 8 W emergency drivers (Em4 / Em8 — 90-minute run time), or the RE version powered at 24 V from the central battery system. L70 167,000 h · L90 51,000 h (IES TM-21-11). cULus wet location; IP65 · IK08; –40 to 50 °C.

SELECTABLE OUTPUT — LUMENS BY POWER SETTING & CCT

Size	Setting	3000 K	4000 K	5000 K
8L	25 W	3,781	3,863	3,927
8L	30 W	4,653	4,786	4,842
8L	40 W	5,714	5,910	5,946
8L	50 W	7,462	7,817	7,755
17L	60 W	9,076	9,413	9,532
17L	80 W	11,765	12,350	12,374
17L	100 W	13,993	14,803	14,709
17L	120 W	15,836	16,817	16,722

Measured values per the published lumen tables; measured input watts run 24.7–52.02 W (8L) and 59.07–113.96 W (17L), varying slightly by CCT. Default factory setting: 4000 K and highest lumen output. Nominal selectable values: 4,000 / 5,000 / 6,000 / 8,000 lm (8L) · 9,000 / 12,000 / 15,000 / 17,000 lm (17L).

Emergency output (SR7): adjustable through the 10–40 W EPR range — 1,575–6,300 lm (8L) · 1,586–6,345 lm (17L), calculated at 4000 K mid-lumen-range efficacy (Lumens = EPR watts × luminaire efficacy lm/W); set the EPR at the minimum level for NFPA Life Safety Code compliance based on the fixture's installed photometrics. Em4 / Em8 emergency drivers: 4 W / 8 W, 90-minute run time.

PRODUCT DATA · INPUT

AC Input	120 – 277 VAC, 50–60 Hz
Input (8L)	0.21–0.43 A @ 120 V · 0.09–0.19 A @ 277 V
Input (17L)	0.49–0.95 A @ 120 V · 0.21–0.41 A @ 277 V
Emergency	Sage Relay SR7 · EPR 10–40 W (24 VDC CB)
Output (8L)	3,781 – 7,817 lm · 25–50 W settings
Output (17L)	9,076 – 16,817 lm · 60–120 W settings
CCT / CRI	3000 / 4000 / 5000 K · CRI > 80
Dimming	0–10 VDC drivers, standard
Photocell	integral, standard (switch enable/disable)
LED Life	L70 167,000 h · L90 51,000 h

FEATURES

- Factory-installed Sage Relay option (SR7) — code-compliant emergency egress from the Sage central battery (DC); EPR factory-adjustable 10–40 W
- Field-selectable lumen output and CCT, set at the fixture — default 4000 K, highest output
- Screw-in sensor ready — occupancy sensor and remote control sold separately
- Integral photocell (switch enable/disable) and 0–10 VDC dimming standard
- IES Type IV forward distribution, Very Short; DLC Premium
- Die-cast aluminum housing, Bronze, prismatic glass lens — cULus wet location, IP65 · IK08, 6 kV surge

TEMPERATURE

Operating Temperature	–40 to 50 °C (–40 to 122 °F)
EM Drivers, Minimum	–20 °C (–4 °F)

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ORDERING INFORMATION

Size	8L = selectable 4,000 / 5,000 / 6,000 / 8,000 lm nominal · 17L = selectable 9,000 / 12,000 / 15,000 / 17,000 lm nominal
Selectable	SL = selectable lumen output (per size) · SK = selectable CCT — 3000 K / 4000 K / 5000 K
Voltage	AC = 120–277 VAC · RE = 24 V remote from the central battery system
Options	SR7 = Sage Relay emergency lighting control — DC central-battery connection, EPR factory-adjustable 10–40 W · Em4 = 4 W emergency driver · Em8 = 8 W emergency driver

Ordering Example: BAS-8L-SLSK-AC-Em8

UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations; IP65 ingress and IK08 impact rated; DLC Premium; complies with FCC Part 15, Class A; 6 kV input transient surge protection. The Sage Relay option (SR7) is a factory-installed, UL Listed emergency lighting control for connection to a Sage central battery DC emergency power system; the 4 W / 8 W emergency-driver options carry a 90-minute run time.

NOTE: Photometrics at 4000 K, highest setting: IES Type IV, Very Short; BUG B1-U4-G4 (8L) · B3-U4-G5 (17L).

NOTE: Accessory sensors (order separately): HD07VR-PHF-1 passive infrared (39 ft maximum mounting height) · HD07VR-MHF-1 microwave step-dimming (49 ft maximum) · HD05R remote control (required to change factory settings).

NOTE: 5 year total customer satisfaction warranty. Contact Sage for layout assistance — code-compliant emergency lighting layouts provided.

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