

· TYPE _____ · DATE _____ · PROJECT _____

SPA

Sage Spark — Outdoor Adjustable Area Light · Lumen & Kelvin Selection 3,000/6,000/12,000 lm sizes · 3000 / 4000 / 5000 K · 120–277 VAC · Sage Relay option

Outdoor Adjustable Area Light

SUGGESTED SPECIFICATION

Install Sage Spark outdoor adjustable LED area lights in a cast aluminum housing, dark bronze powder coat, with a polycarbonate lens, a housing adjustable through 90 degrees and two ½ inch NPT threaded openings, for new construction or retrofit. Luminaires shall deliver 3,000 to 6,000 (6L) or 6,000 to 12,000 (12L) nominal lumens, selectable, in field selectable 3000 K, 4000 K or 5000 K, CRI above 80, with long-life LEDs rated 167,000 hours to L70 and 51,000 hours to L90 (IES TM-21-11 calculated). Drivers shall accept universal 120 to 277 VAC, 50 to 60 Hz, with 0 to 10 VDC dimming to 10 percent standard, power factor above 0.90, total harmonic distortion below 20 percent and 4 kV surge immunity, from -40 to 50 °C. Where emergency operation is specified, the luminaire shall carry the factory-installed Sage Relay, a UL Listed emergency lighting control for connection to the Sage central battery system. Luminaires shall be cULus listed for wet locations, comply with FCC Part 15 class B and RoHS, and carry a five-year warranty.

ELECTRICAL SPECIFICATIONS

Universal 120–277 VAC, 50–60 Hz; 0–10 VDC dimming drivers (10 percent continuous dimming) standard; power factor above 0.90; THD below 20 percent; 4 kV surge immunity; -40 to 50 °C ambient. Input current at 120 / 240 / 277 V (4000 K): 6L 0.15 / 0.08 / 0.07 A at the 18 W setting to 0.33 / 0.16 / 0.14 A at 40 W; 12L 0.35 / 0.17 / 0.15 A at 40 W to 0.65 / 0.32 / 0.28 A at 80 W. Sage Relay option (RLY): factory-installed emergency lighting control for the Sage central battery; see the Sage Relay documents.

LUMEN TABLE — LUMENS · WATTS BY SETTING & CCT

Size	Setting	3000 K	4000 K	5000 K
6L	18 W	2,739 · 18.7 W	2,806 · 18.3 W	2,833 · 18.6 W
6L	25 W	3,769 · 26.0 W	3,909 · 25.4 W	3,899 · 25.9 W
6L	30 W	4,629 · 32.4 W	4,837 · 31.4 W	4,789 · 32.2 W
6L	40 W	5,683 · 40.9 W	6,002 · 39.5 W	5,885 · 40.5 W
12L	40 W	6,402 · 42.6 W	6,693 · 41.5 W	6,606 · 42.3 W
12L	50 W	7,772 · 53.1 W	8,213 · 51.6 W	8,041 · 52.6 W
12L	60 W	9,008 · 63.2 W	9,589 · 61.2 W	9,325 · 62.6 W
12L	80 W	10,891 · 81.1 W	11,875 · 77.9 W	11,417 · 80.2 W

Efficacy 134 to 161 lm/W as published in the lumen tables; factory default 4000 K and the highest output.

PRODUCT DATA · INPUT

AC Input	120–277 VAC · 50–60 Hz
Dimming	0–10 VDC to 10 percent, standard
Output	6L 3,000–6,000 lm · 12L 6,000–12,000 lm, selectable
CCT /CRI	3000 / 4000 / 5000 K selectable · CRI > 80
LED life	L70 167,000 h · L90 51,000 h
Housing	cast aluminum, dark bronze · adjustable through 90°
Emergency	RLY = Sage Relay, central battery

FEATURES

- Outdoor area light adjustable through 90 degrees; cast aluminum housing, dark bronze; polycarbonate lens; two ½" NPT threaded openings
- Selectable output, 3,000 to 6,000 lm (6L) or 6,000 to 12,000 lm (12L); 3000 K, 4000 K or 5000 K selectable; CRI above 80
- Long-life LEDs, 167,000 h to L70 and 51,000 h to L90
- Universal 120–277 VAC with 0–10 VDC dimming to 10 percent standard; PF above 0.90; THD below 20 percent; 4 kV surge immunity
- Sensor ready: passive infrared or microwave step-dimming sensor and remote control ordered separately
- Sage Relay option (RLY), factory installed, for emergency operation on the Sage central battery; cULus wet locations, -40 to 50 °C

TEMPERATURE

Operating Temperature -40 to 50 °C ambient

“Engineered for the spaces it protects.”

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Sage Spark — Outdoor Adjustable Area Light · Lumen & Kelvin Selectable · 6,000 / 12,000 lm sizes · 3000 / 4000 / 5000 K · 120–277 VAC · Sage Relay option

Outdoor Adjustable Area Light

ORDERING INFORMATION

Size	6L = 6,000 lm · 12L = 12,000 lm
Nominal Lumens, selectable	SL = 3,000 / 4,000 / 5,000 / 6,000 lm (6L) · 6,000 / 8,000 / 10,000 / 12,000 lm (12L)
Color Temperature, selectable	SK = 3000 / 4000 / 5000 K
Voltage	MV = 120–277 VAC
Options	RLY = Sage Relay, emergency lighting control for the Sage central battery
Accessories (order separately)	passive infrared or microwave step-dimming sensor · remote control

Ordering Example: SPA-12L-SLSK-MV-RLY

UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations, -40 to 50 °C ambient. Complies with FCC Part 15, class B and RoHS; surge immunity 4 kV.

NOTE: Sensors (order separately): passive infrared (maximum mounting height 39 ft) or microwave step-dimming (49 ft); the remote control is required to change the factory settings (detection area 100 percent, hold time 5 s, stand-by period 0 s, stand-by dimming 10 percent, daylight threshold disabled).

NOTE: Compatible 0–10 V dimmers include Best Lighting DWS-010V-T and DWS-010V-D, Leviton IP710-LFZ and Lutron DVSTV (10 to 100 percent).

NOTE: Five-year warranty on all electronics and housing.

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