

· TYPE _____ · DATE _____ · PROJECT _____

PIN

Sage Pinnacle — Stairwell Strip Light · Lumen & Kelvin Selectable

Stairwell Strip Light

4 ft and 2 ft · 2,100–6,000 lm · 3500 / 4000 / 5000 K · Sage Relay option

SUGGESTED SPECIFICATION

Install Sage Pinnacle lensed LED stairwell strip lights in a painted steel housing with PMMA frosted lenses, for new construction or retrofit, surface mounted. Luminaires shall deliver 4,200, 4,800 or 6,000 nominal lumens (4 ft) or 2,100, 2,700 or 3,300 nominal lumens (2 ft), selectable, in field selectable 3500 K, 4000 K or 5000 K, CRI above 80, with long-life LEDs rated 190,000 hours to L70 and 58,000 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 standard, power factor above 0.90, total harmonic distortion below 20 percent and 2.0 kV input transient protection per IEEE C62.41. An occupancy dimming sensor that senses motion and illuminates both up and down the stairwell shall be available. 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 damp locations from -20 to 50 °C and to UL 1598, comply with FCC Part 15 class A, and carry a five-year warranty.

ELECTRICAL SPECIFICATIONS

Universal 120–277 VAC, 50–60 Hz; 0–10 VDC dimming drivers standard; power factor above 0.90; THD below 20 percent; 2.0 kV input transient protection (IEEE C62.41); -20 to 50 °C ambient. Input current at 120 / 240 / 277 V (4000 K): 2 ft 0.12 / 0.06 / 0.05 A low to 0.20 / 0.10 / 0.09 A high; 4 ft 0.23 / 0.12 / 0.10 A low to 0.38 / 0.19 / 0.16 A high. 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	3500 K	4000 K	5000 K
2 ft	Low	2,048 · 15.3 W	2,132 · 14.9 W	2,124 · 15.5 W
2 ft	Mid	2,728 · 20.8 W	2,880 · 20.1 W	2,789 · 20.8 W
2 ft	High	3,249 · 25.4 W	3,462 · 24.5 W	3,324 · 25.4 W
4 ft	Low	4,245 · 29 W	4,311 · 28 W	4,208 · 29 W
4 ft	Mid	4,820 · 34 W	4,941 · 33 W	4,792 · 34 W
4 ft	High	6,226 · 46 W	6,499 · 45 W	6,056 · 46 W

Efficacy 128 to 152 lm/W as published; photometrics at 5000 K and the highest setting: 4 ft 6,056 lm at 46 W.

PRODUCT DATA · INPUT

AC Input	120–277 VAC · 50–60 Hz
Dimming	0–10 VDC standard
Output	4 ft 6,000 / 4,800 / 4,200 lm · 2 ft 3,300 / 2,700 / 2,100 lm, selectable
CCT / CRI	3500 / 4000 / 5000 K selectable · CRI > 80
LED life	L70 190,000 h · L90 58,000 h
Sensor	ODS = occupancy dimming sensor, up and down the stairwell
Emergency	RLY = Sage Relay, central battery

FEATURES

- Lensed stairwell strip light, 4 ft or 2 ft; painted steel housing with PMMA frosted lenses; surface mounted
- Selectable output, 2,100 to 6,000 nominal lumens; 3500 K, 4000 K or 5000 K selectable; CRI above 80
- Occupancy dimming sensor option (ODS) senses motion and lights the stairwell up and down
- Long-life LEDs, 190,000 h to L70 and 58,000 h to L90
- Universal 120–277 VAC with 0–10 VDC dimming standard; PF above 0.90; THD below 20 percent; 2.0 kV transient protection
- Sage Relay option (RLY), factory installed, for emergency operation on the Sage central battery; cULus damp locations, -20 to 50 °C; UL 1598

TEMPERATURE

Operating Temperature

-20 to 50 °C ambient

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ORDERING INFORMATION

Size	4 = 4 ft · 2 = 2 ft
Nominal Lumens, selectable	SL = 4,200 / 4,800 / 6,000 lm (4 ft) · 2,100 / 2,700 / 3,300 lm (2 ft)
Color Temperature, selectable	SK = 3500 / 4000 / 5000 K
Voltage	MV = 120–277 VAC
Options	RLY = Sage Relay, emergency lighting control for the Sage central battery · ODS = occupancy dimming sensor
Accessories (order separately)	remote control for the sensor settings

Ordering Example: PIN-4-SL-SK-MV-ODS

UL CONDITIONS OF ACCEPTABILITY

cULus listed for damp locations (-20 to 50 °C) and to UL 1598. Complies with FCC Part 15, class A; IEEE C62.41 input transient protection, 2.0 kV.

NOTE: Sensor factory settings: detection area 100 percent, hold time 5 s, daylight threshold disabled, stand-by period 0 s, stand-by dimming 10 percent; the remote control (order separately) is required to change them.

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 total customer satisfaction warranty.

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