

· TYPE _____ · DATE _____ · PROJECT _____

JUN

Sage Juniper — Vapor Tight LED Luminaire

Vapor Tight LED Luminaire

5,000–7,000 lm · 3500 / 4000 / 5000 K · 120–277 VAC · Sage Relay option

SUGGESTED SPECIFICATION

Install Sage Juniper vapor tight LED luminaires in a light gray polycarbonate housing with stainless steel latches and a polycarbonate lens, sensor ready with a screw-in receptacle, for new construction or retrofit. Luminaires shall deliver 7,000, 6,000 or 5,000 nominal lumens, selectable, in field selectable 3500 K, 4000 K or 5000 K, CRI above 80, with long-life LEDs rated 178,000 hours to L70 and 54,000 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 2.5 kV input transient protection, from -40 to 43 °C. A surface mount kit and V-hooks shall ship standard; a cable mount kit 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 wet locations, comply with FCC part 15 class A and NEMA 4X, carry an IK10 rating, 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; 2.5 kV input transient protection; -40 to 43 °C ambient. Input current at 120 / 240 / 277 V by setting (4000 K): low 0.30 / 0.15 / 0.13 A, mid 0.36 / 0.18 / 0.16 A, high 0.43 / 0.21 / 0.18 A. Sage Relay option (RLY): factory-installed emergency lighting control for the Sage central battery; see the Sage Relay documents.

LUMEN TABLE — OUTPUT, WATTAGE AND EFFICACY BY SETTING

Setting	3500 K	4000 K	5000 K
Low · lm / W / lmW	5,157 · 37 · 139	5,303 · 36 · 147	5,181 · 37 · 140
Mid · lm / W / lmW	6,009 · 44 · 137	6,198 · 43 · 144	6,034 · 44 · 137
High · lm / W / lmW	7,295 · 53 · 138	7,611 · 51 · 149	7,381 · 53 · 139

Efficacy rounded from the published values; photometrics at 4000 K and the highest setting.

PRODUCT DATA · INPUT

AC Input	120–277 VAC · 50–60 Hz
Dimming	0–10 VDC standard
Output	7,000 / 6,000 / 5,000 lm nominal, selectable
CCT / CRI	3500 / 4000 / 5000 K selectable · CRI > 80
LED life	L70 178,000 h · L90 54,000 h
Sensor	screw-in sensor ready receptacle (sensor and remote sold separately)
Emergency	RLY = Sage Relay, central battery

FEATURES

- Vapor tight luminaire: light gray polycarbonate housing with stainless steel latches and a polycarbonate lens; NEMA 4X; IK10
- 7,000, 6,000 or 5,000 nominal lumens, selectable; 3500 K, 4000 K or 5000 K selectable; CRI above 80
- Long-life LEDs, 178,000 h to L70 and 54,000 h to L90; color maintenance within 0.0016 chromaticity shift over 6,000 h
- Universal 120–277 VAC with 0–10 VDC dimming standard; PF above 0.90; THD below 20 percent; 2.5 kV transient protection; -40 to 43 °C
- Sensor ready with a screw-in receptacle; surface mount kit and V-hooks standard; optional cable mount kit
- Sage Relay option (RLY), factory installed, for emergency operation on the Sage central battery; cULus wet locations

TEMPERATURE

Operating Temperature -40 to 43 °C ambient

“Engineered for the spaces it protects.”

JUN

Sage Juniper — Vapor Tight LED Luminaire

Vapor Tight LED Luminaire

5,000–7,000 lm · 3500 / 4000 / 5000 K · 120–277 VAC · Sage Relay option

ORDERING INFORMATION

Size	7L
Nominal Lumens, selectable	SL = 7,000 / 6,000 / 5,000 lm
Color Temperature, selectable	SK = 3500 / 4000 / 5000 K
Emergency option	RLY = Sage Relay, emergency lighting control for the Sage central battery
Accessories (order separately)	passive infrared or microwave step-dimming sensor with a 90° elbow adapter · remote control · cable mount kit (3 m or 5 m) · replacement lens · cord and plug sets

Ordering Example: JUN-7L-SL-SK-RLY

UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations. Complies with FCC part 15, class A and NEMA 4X; IK10 impact rating; 2.5 kV input transient protection.

NOTE: Sensors (order separately): passive infrared with a 90° elbow adapter (maximum mounting height 39 ft) or microwave step-dimming (49 ft); the remote control is required to change the factory sensor settings (detection area 100 percent, hold time 5 s, stand-by period 0 s, stand-by dimming 10 percent, daylight threshold disabled).

NOTE: Cord and plug sets are available as order suffixes: 6, 10 or 15 ft cords with 3 to 6 conductors and NEMA 5-15, 6-15, 7-15, 5-20, 6-20 or locking plugs; cords and plugs do not affect sensor installation.

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.

“Engineered for the spaces it protects.”