

· TYPE _____ · DATE _____ · PROJECT _____

RAD

Sage Radiant — Floor Proximity LED Emergency Light

Floor Proximity Recessed Light

up to 4 ft from the floor · 10 W · night lighting and emergency · central battery

SUGGESTED SPECIFICATION

Install Sage Radiant floor proximity LED emergency lighting fixtures as remote devices on the Sage central battery system. The fixture shall be a low profile recessed LED fixture for mounting up to 4 ft from floor level, with a faceplate of solid machined aluminum, brushed or in satin enamel colors, a steel housing with bracket mount locations and multiple knockouts, a composite outdoor rated gasket seal for wet locations, and a UV stabilized polycarbonate or acrylic diffuser window 1/8" thick delivering a wide beam designed for entrance walkways; the modular faceplate and lamp housing shall remove for service. The fixture shall operate on the central battery's low voltage circuit for normal night or security lighting as well as emergency lighting, with a normal-on switch allowing timed control of night lighting; lamp life shall exceed 50,000 hours in normal use, 5000 K, with optional color correction filters for 3800 K, 3200 K and 2900 K. Upon loss of building power the fixture shall operate for a minimum of 90 minutes from the central battery in compliance with UL 924 and NFPA Life Safety Code 101. Fixtures shall be 10 W, manufactured and tested to UL 924 and NFPA 101, and listed to cULus for wet locations.

ELECTRICAL SPECIFICATIONS

Central battery operation: the fixture connects to the Sage central battery branch circuit at the masonry box (common, the 12/24 VDC fixture line and the 24 VDC emergency line, plus the 24 VDC security or night lighting line where used) through the supplied pigtail and the 3-pin polarized lamp plug; the branch circuit continues in and out of the box; no AC connection and no battery at the fixture. Load on the central battery 10 W, emergency and normal. 5000 K standard.

SPACING GUIDE — 1 FC AVERAGE, 6 FT PATH, 1½' MOUNTING HEIGHT

Model	Spacing on center
Standard face	20'
Louvered face (LV)	15'

Tested to IES LM-79-08; reference only; standard reflectances 80/50/20. Photometric data on the Sage catalog page; Sage provides code compliant layouts.

PRODUCT DATA · INPUT

Operation	CB · central battery
Supply	central battery branch circuit
Power	10 W emergency and normal
Color temperature	5000 K · CW1 / CW2 / CW3 filters
Lamp life	over 50,000 hours in normal use
Location	wet location · mounting up to 4 ft from the floor

FEATURES

- Low profile recessed LED fixture for mounting up to 4 ft from floor level; wide distribution designed for entrance walkways
- Operates with the Sage central battery including low voltage normal lighting operation — night or security lighting as well as emergency; normal-on switch for timed night lighting
- Faceplate of solid machined aluminum, brushed or satin enamel colors; louvered face option (LV)
- Steel housing with bracket mount locations and multiple knockouts; composite outdoor rated gasket seal for wet locations
- UV stabilized polycarbonate or acrylic diffuser window, 1/8" thick; modular faceplate and lamp housing removes for easy service
- Over 50,000 hour lamp life; 5000 K standard with optional 3800 K, 3200 K and 2900 K correction filters

TEMPERATURE

Operating Temperature

-40 to 50 °C

ORDERING INFORMATION

Operation	CB = remote with the Sage central battery
Power	10 = 10 W emergency and normal power
Face Plate Color	W Satin White · K Black · A Aluminum · B Dark Bronze · X Custom
Options	LV louvered face · CW1 3800 K filter · CW2 3200 K filter · CW3 2900 K filter

Ordering Example: RAD-CB-10-W-LV

UL CONDITIONS OF ACCEPTABILITY

Manufactured and tested to UL Standard 924, NFPA Life Safety Code 101. cULus Listed, wet location.

NOTE: Ten-year total customer satisfaction warranty.

NOTE: Buy American Act and Build America, Buy America marks on the source sheet.

“Engineered for the spaces it protects.”