

TYPE \_\_\_\_\_ · DATE \_\_\_\_\_ · PROJECT \_\_\_\_\_

# ORI

Sage Orion — High-Output Emergency High Bay

## High-Output Emergency High Bay

20 / 30 / 40 W · mounting heights over 40 ft

### SUGGESTED SPECIFICATION

Install Sage Orion high-output LED emergency luminaires for interior mounting heights over 40 feet, in a very-low-profile recessed (R) or surface (S) ceiling mount, operating from the Sage central battery at 24 VDC (RE) or on 120/277 VAC (AC). Upon loss of AC building power, emergency operation shall continue for a minimum of 90 minutes in compliance with UL 924 and NFPA Life Safety Code 101. The unit may be specified to operate continuously for security or night lighting, as required. Output shall be selectable 20 / 30 / 40 W delivering up to 6,637 lumens (wide-angle lens) at 159 lm/W, 4,700 K, CRI 70, with L70 rated at 50,000 hours.

### ELECTRICAL SPECIFICATIONS

Dual-function high-bay — emergency or optional normal-on — powered from the Sage central battery at 24 VDC (RE) or 120/277 VAC (AC). Wiring colors (RE): BLACK common (-) · RED emergency (+24 V) · YELLOW exit / CDO (pass-through at this fixture) · BLUE normal-on lighting (+24 V). Emergency-only operation connects RED + BLACK; normal-on adds BLUE. Supply in/out leads allow daisy-chaining along the branch circuit. Interior & damp locations standard; exterior & wet locations served by the liquid-tight outlet-box arrangement.

### MOUNT SPECIFICATIONS

Mount	Fixture	Opening / depth	Profile below ceiling
R — Recessed	14½"	15¾" rough opening · 4½" deep	5/6"
S — Surface	14½" × 12"	3¾" enclosure	3½"

Hanger bars by others. Cable entry by J-box (optional recessed J-box) — liquid-tight outlet box for exterior & wet locations. Lens: wide-angle (WA option) or standard — see the output table for per-lens lumens.

### PRODUCT DATA · INPUT

Operation	RE (24 VDC central battery) · AC (120/277 V)
Power	20 · 30 · 40 W
Output (WA · Std lens)	3,319/3,189 · 4,978/4,784 · 6,637/6,378 lm
Efficacy	159 lm/W
CCT / CRI	4,700 K · CRI 70
LED Life	L70 @ 50,000 h
Ingress	IP67 lamp assembly

### FEATURES

- Designed for mounting heights over 40 ft — selectable 20 / 30 / 40 W to suit the space
- Very low profile: recessed sits 5/6" below the panel; surface enclosure 3¾"
- Dual function — code-required emergency plus optional normal-on / night lighting (BLUE lead)
- Wide-angle or standard lens; up to 6,637 lm at 159 lm/W
- T-bar or masonry recess mounting; surface mount to anchors or a 4" octagon J-box; pendant option (AC)

### ORDERING INFORMATION

Operation	RE = 24 VDC central battery · AC = 120/277 V
Power	20 · 30 · 40 W
Mount	R = recessed · S = surface
Finish	A Aluminum · K Black · W Satin White · X Custom
Options	WA wide-angle lens · NOR normal-on (RE) · WL wet location (RE) · DAC dual AC · EM48 48 VDC emergency input · EB end bracket · ST stainless bracket · PEN pendant 12" · SV pendant swivel · NAT natatorium

*Ordering Example: ORI-RE-30-S-W-WA*

### UL CONDITIONS OF ACCEPTABILITY

UL 924 and NFPA 101 (90-minute emergency operation); CSA C22.2 No. 141. RoHS; photometry per LM-79; IP67 lamp assembly. 10-year warranty.

*NOTE: Contact Sage for layout assistance — code-compliant emergency lighting layouts provided.*

*“Engineered for the spaces it protects.”*