

ASP

Mounting & Assembly

Installation Instructions

For use with Sage central-battery emergency lighting

IMPORTANT SAFEGUARDS — READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Disconnect AC power before servicing.
2. Refer to the wiring diagram for proper connections.
3. All servicing should be performed by qualified personnel.
4. Consult your local building code for approved wiring and installation.
5. Do not use this equipment for other than its intended use.
6. Do not let power cords touch hot surfaces.
7. Mount and secure the fixture at a location and height that avoids ready access and tampering by unauthorized persons.
8. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
9. Suitable for wet locations — see the product label for temperature limitations (standard BB models: 50 °C).

A) MOUNTING & ASSEMBLY

J-BOX & SUPPLY

Install a standard 4" x 4" deep J-box with 1½" extension (by others), edge flush or just below the finished surface; note the available knock-outs and remove them where wiring and connectors route. Wall, top (option T), or ceiling mount (2¾" screw centers).

FIXTURE ASSEMBLY

Route the polarized lamp plug from the power supply through the gasket and canopy; set the canopy in position and secure with two #8-32 x ½" screws, tightened evenly. Connect the lamp plug to the housing, insert the plug assembly and wiring sleeve through the gasket into the J-box, and secure the housing with two #6-32 x ¾" set screws. Plug unused canopy mount positions with the #8-32 sealing screws and nuts provided.

"Engineered for the spaces it protects."

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Wiring & System Test

Installation Instructions

Model ASP

B) WIRING & SYSTEM TEST

1. AC models: connect BLACK to line (120–277 VAC), WHITE to neutral, and GROUND to the J-box; the BLK/WHT lead is the switched line for the normal-on (night-light) option.
2. BB models: make the AC supply connections as above, connect the optional normally-on control switch (SD), then connect the BATTERY plug. If AC power is off, the fixture turns ON under battery power — to minimize discharge, energize AC after connecting, or leave the battery unplugged until power-up.
3. BB-20 models: mount the remote power supply (surface 8" × 8" × 4", or recessed with option REC) and run 2-conductor 12 VDC control cable (#20 AWG, 300 V) to the fixture — observe the maximum lengths in the wiring table (#18 60 ft · #16 100 ft · #14 160 ft · #12 250 ft).
4. RE models: connect the color-matched 24 VDC wiring from the central-battery branch circuit with wire nuts — BLACK common (–) · RED emergency (+24 V) · YELLOW exit / CDO (+12/24 V) · BLUE security / night lighting (+24 V). Cap the BLUE lead if security lighting is not supplied; supply in/out leads allow daisy-chaining to the next fixture.
5. Restore power and verify operation. BB models: the status LED and PUSH-TO-TEST are on the remote-power-supply face (20 W) or fixture; DG diagnostic codes — GREEN on = full charge · ORANGE on = fast charge · RED flash fast = failed battery · GREEN flash = failed lamp · ORANGE flash = failed transfer · RED flash slow = failed charger. RE models are tested as part of the central-battery system test.

SAVE THESE INSTRUCTIONS

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