

RAD

Mounting & Assembly

Installation Instructions

For use with the Sage central battery system

IMPORTANT SAFEGUARDS — READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Disconnect 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 is not recommended by the manufacturer and may cause an unsafe condition.
9. Suitable for wet locations; see the product label for temperature limitations.

A) MOUNTING & ASSEMBLY

RECESSED IN THE WALL

Route the central battery branch circuit in and out of a 6 gang masonry box (3¼" × 11" × 3½", RACO TP965 or equal, by others) and secure the box in the cavity by framing, cement fill or brackets to the studs. The outer flange surfaces must be parallel to, and flush with or just below, the exterior mounting surface; ¼" max opening.

LOUVERED FACE (LV)

The louver assembles over the standard trim plate with the four #6-32 × 1" wet seal louver trim screws.

RAD

Wiring & System Test

Installation Instructions

Model RAD

B) WIRING & SYSTEM TEST

1. Turn off the central battery branch circuit before installation. All wiring per NEC and local code.
2. Place the branch circuit wiring in the lower area of the box and connect the supplied lamp plug pigtail with wire nuts, maintaining the color codes at the connector: red emergency 24 VDC, blue security or night lighting 24 VDC (cap off the blue lead if night lighting is not supplied or required), yellow fixture line 12 VDC normal and 24 VDC emergency, black 12/24 VDC common negative.
3. Connect the 3-pin polarized lamp plug on the lamp housing assembly, insert the assembly into the enclosure and seat it so the gasket contacts all surfaces around the faceplate with no visible holes or cavities.
4. Insert the four #6-32 stainless wet seal screws supplied and tighten evenly around the faceplate; do not over tighten.
5. Energize the central battery circuit and verify operation. Sage Live and the central battery's own tests cover the fixture.
6. Inspection: test the emergency lighting system as often as local codes require, and at least monthly, from the central battery.

SAVE THESE INSTRUCTIONS*“Engineered for the spaces it protects.”*