

ECL

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 outdoors.
6. Do not use this equipment for other than its intended use.
7. Do not let power cords touch hot surfaces.
8. Mount and secure the fixture at a location and height that avoids ready access and tampering by unauthorized persons.
9. The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.

A) MOUNTING & ASSEMBLY

TOP MOUNT (CEILING)

For T-bar ceilings rotate the side bracket B-clips as required to fit the bar hangers (24" to 48" centers, hangers by others); for masonry ceilings attach the side brackets to the beam and support with drop wires and framing as required. Locate the fixture, make the centered cutout in the ceiling panel and set the back box flush with the top inside surface. Panel thickness $\frac{3}{8}$ " to 1 $\frac{3}{8}$ ".

WALL MOUNT

The back box mounts to a stud on its left or right side. Attach the upper and lower mount brackets with the four #6 sheet metal screws provided, place the box with its face flush or just below the stud face, mark and drill pilot holes, and fix the box with four mount screws. Both brackets must be used.

SURFACE MOUNT (SM)

The mounting surface must be flat within $\frac{1}{8}$ " and able to support 10 lb. Drill four screw anchor locations to match the mount hole positions (8" x 5"), install the mount screws to attach the back box to the wall or ceiling, then install the wiring, lamp housing and door and lamp assembly as for the recessed mount.

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ECL

Wiring & System Test

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Model ECL

B) WIRING & SYSTEM TEST

1. Turn off the central battery branch circuit before installation. All wiring per NEC and local code. Orient the lamp assembly to the path of egress; in corridors and continuous pathways direct the lamps along the path.
2. Run the branch circuit wiring into the back box and connect to the power converter with wire nuts (not supplied): black common negative, yellow fixture line (12 VDC normal, 24 VDC emergency), red emergency 24 VDC, and blue where the night lighting option is used; the 24 VDC output circuit continues to the next fixture. Route all wiring into the cavity provided, above the opening, clear of the lamp housing.
3. Make the lamp housing cutout in the ceiling plaster or tile (9" × 6") and install the panel. Insert the polarized lamp plug into the lamp housing, insert the housing into the back box, hold the trim flush to the panel and tighten the four #8 nuts on the studs provided.
4. Adjust the lamp and door angles to place the beams where they are needed: twist the lamp brackets on their friction swivels; to change the door angle open the doors gently by their edges to release the magnet lock, then turn the stop screw through the access hole on the face with the Allen key supplied (counter clockwise closes the angle).
5. Energize the central battery circuit and check door and lamp operation from the central battery's test; the doors open and the lamps light when the central battery switches to emergency and retract when normal service returns. 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."*