

PUL

Mounting & Wiring

Installation Instructions

Indoor or outdoor wall mount — junction box or surface conduit · BB battery backup and NB no battery

A) MOUNTING METHODS

WALL MOUNT — JUNCTION BOX (BACK POWER FEED)

Mount the unit over the junction box (junction box not provided): the mounting plate has a molded universal mounting pattern for simple mounting over the junction box. Supply wiring enters from the junction box behind the unit (back power feed) — connect Black (120~277 V), White (Neutral), and Green (Ground wire) per the back-power-feed wiring figure. Align the housing to the mounting plate first ('Align First'); the AC supply joins at the quick connector, and on BB models the battery joins at the battery connector.

WALL MOUNT — SURFACE CONDUIT (TOP POWER FEED ONLY)

With surface conduit (conduit not provided), wire through the supplied 1/2" threaded top access — top power feed only. Connect Black (for 120~277 V), White (Neutral), and Green (Ground wire) per the surface-wiring figure, then align the housing to the mounting plate ('Align First'); the AC supply joins at the quick connector, and on BB models the battery joins at the battery connector.

FUNCTION SELECTION — PHOTO SENSOR /WALL SWITCH

Slide switch to select function: PHOTO SENSOR or WALL SWITCH. For normal lighting use the fixture can be configured for automatic operation by the built-in daylight photo sensor, or can be switched through an external switch. The integral photocell can be defeated to allow remote switching for normal operation; both the photocell and switch options can be defeated for use as a standard emergency light that operates only in battery-backup mode in the event of power loss. On battery-backup models the fixture will illuminate from battery power on loss of normal AC, regardless of the photo sensor or wall-switch operation.

B) WIRING & SYSTEM TEST

1. Code-level practice: de-energize the supply circuit at the junction box before installation; installation and service by qualified personnel in accordance with the NEC and local codes.
2. Wiring key — Black = 120~277 V line · White = Neutral · Green = Ground wire. Universal 120-277 VAC input; suitable for indoor or outdoor wall mounting.
3. Assembly — per the published exploded mounting view: 'Align First' (housing-to-mounting-plate alignment), 'Quick Connector' (AC supply), 'Battery Connector' (BB models).
4. Testing — a charge rate/power ON LED indicator light and Push-to-Test switch are provided for mandated code-compliance testing: press button once = 1-minute test · twice = 5-minute test · 3 times = 30-minute test · 4 times = 90-minute test. The self-diagnostic system is standard in every unit — it performs monthly, bi-annual, and annual tests and continuously monitors all functions (indicator status legend: Ready · In Test · Battery Circuit Fault · Battery Capacity Failure · Charger Failure · Transformer Fault · Lamp Failure); a manual test may be initiated at any time.

SAVE THESE INSTRUCTIONS

“Engineered for the spaces it protects.”