

TYPE _____ · DATE _____ · PROJECT _____

PUL

Sage Pulse — High Output AC/Emergency Compact Wall Pack

High Output AC/Emergency Compact Wall Pack

BB battery backup / NB no battery · photocell standard · IP65 wet location

SUGGESTED SPECIFICATION

Install Sage Pulse high-output AC/emergency compact LED wall packs, providing photo-sensor control for normal AC operation and emergency operation from an integral battery with self-diagnostics. The housing shall be die-cast with durable powder-coated finishes in white, black, nickel, or dark bronze, sealed and gasketed, IP65 rated for ingress protection and cULus listed for wet locations, suitable for indoor or outdoor wall mounting on a junction box — the mounting plate shall have a molded universal mounting pattern for simple mounting over the junction box — or with surface conduit using the supplied 1/2-inch threaded top access. The unit shall operate on universal 120-277 VAC input and shall be supplied with two LED lamps for redundancy, 11 watts total at 5000 K, producing 1080 lumens in normal mode and 260 lumens in emergency mode with wide forward and side distribution. A photocell control sensor shall be included as standard for use as a dusk-to-dawn luminaire; field-selectable wiring shall allow AC operation of the unit to be controlled using a wall switch, photocell, or other switching mechanism, for Normally-ON, Normally-OFF, or switched-circuit use. Battery-backup (BB) models shall include a 4.8 V long-life, maintenance-free NiCd battery with an internal solid-state transfer switch that automatically connects the internal battery to the LED board for minimum 90-minute emergency operation. A charge rate/power ON LED indicator light and Push-to-Test switch shall be provided for mandated code-compliance testing, and a standard self-diagnostic feature shall perform monthly, bi-annual, and annual tests to ensure reliable operation and meet electrical and life safety codes. Surge protection shall be 4 kV. An optional internal heater (LT) shall be available for extreme cold temperatures (-20 °C to 50 °C). The unit shall meet UL 924, NFPA 101 Life Safety Code, NEC, OSHA, and local and State Code, and shall carry a 5-year warranty on all electronics and housing.

ELECTRICAL SPECIFICATIONS

AC operation: universal 120-277 VAC — NiCad battery backup (BB) or no battery (NB). 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; on battery-backup models the fixture illuminates from battery power on loss of normal AC, regardless of the photo sensor or wall-switch operation. Two LED lamps for redundancy — 11 W total, 5000 K — produce 1080 lm in normal mode and 260 lm in emergency mode with wide forward and side distribution. Battery (BB): 4.8 V long-life, maintenance-free NiCd; the internal solid-state transfer switch automatically connects the internal battery to the LED board for minimum 90-minute emergency operation. A charge rate/power ON LED indicator light and Push-to-Test switch are provided for mandated code-compliance testing — manual tests of 1, 5, 30, or 90 minutes; self-diagnostics standard (monthly, bi-annual, and annual tests). Surge protection 4 kV. Optional LT internal heater for extreme cold temperature (-20 °C to 50 °C).

INCLUDED SELF DIAGNOSTIC — DIAGNOSTIC INDICATOR /TEST SWITCH

Manual Testing	Duration
Press button once	1 minute test
Press button twice	5 minute test
Press button 3 times	30 minute test
Press button 4 times	90 minute test

Diagnostic indicator status legend: Ready · In Test · Battery Circuit Fault · Battery Capacity Failure · Charger Failure · Transformer Fault · Lamp Failure.
 Full self-test, self-diagnostic system is standard in every unit — performs a monthly test as well as continuously monitoring all functions to ensure reliability; a manual test may be initiated at any time.

“Engineered for the spaces it protects.”

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PRODUCT DATA · INPUT

Operation	BB NiCad Battery Backup · NB No Battery
AC Input	universal 120-277 VAC
Lamps	two LED lamps for redundancy · 11 W total · 5000 K
Light Output	1080 lm normal · 260 lm emergency — wide forward and side distribution
Battery (BB)	4.8 V long-life, maintenance-free NiCd · minimum 90 min via internal solid-state transfer switch
Protection	4 kV surge · IP65 ingress · sealed and gasketed die-cast housing

FEATURES

- Die-cast housing with durable powder-coated finishes in white, black, nickel and dark bronze; sealed and gasketed — IP65, cULus listed for wet locations
- Two LED lamps for redundancy — 11 W total, 5000 K; 1080 lm in normal mode and 260 lm in emergency mode with wide forward and side distribution
- Photocell control sensor included as standard for use as a dusk-to-dawn luminaire — usable Normally-ON, Normally-OFF, or on a switched circuit
- Field-selectable wiring allows AC operation of the unit to be controlled using a wall switch, photocell, or other switching mechanism
- 4.8 V long-life, maintenance-free NiCd battery (BB) with internal solid-state transfer switch — minimum 90-minute emergency operation
- Charge rate/power ON LED indicator light and Push-to-Test switch for mandated code-compliance testing
- Standard self-diagnostic feature performs monthly, bi-annual, and annual tests to ensure reliable operation
- 4 kV surge protection · optional LT internal heater for extreme cold temperature (-20 °C to 50 °C)

TEMPERATURE

Low Temperature Option (LT) internal heater for extreme cold · -20 °C to 50 °C

ORDERING INFORMATION

Operation	BB NiCad Battery Backup · NB No Battery
Voltage	MV 120-277VAC
Housing Color	W White · B Black · DB Dark Bronze · N Nickel
Options	LT Low temperature

UL CONDITIONS OF ACCEPTABILITY

cULus listed for wet locations. IP65 rated for ingress protection. Meets UL 924, NFPA 101 Life Safety Code, NEC, OSHA, local and State Code. Surge protection 4 kV.

NOTE: Photocell included as standard: 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.

NOTE: Suitable for indoor or outdoor wall mounting on junction box, or with surface conduit using the supplied 1/2" threaded top access; the mounting plate has a molded universal mounting pattern for simple mounting over a junction box.

NOTE: 5-year warranty on all electronics and housing.

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