



FEATURES & SPECIFICATIONS

INTENDED USE — The PS750 multi-volt (120V thru 277V; 50-60hz) emergency LED driver is designed to provide a minimum of 90 minutes of illumination for LED luminaires during the loss of normal AC power. It is UL recognized for factory installation inside indoor, damp or sealed and gasketed wet location listed LED luminaires utilizing 7-watts maximum output power, 50VDC maximum output voltage and an output current of 140 mA.

CONSTRUCTION — Durable thermoplastic housing resists impact, scratches, and corrosion
UL-94V-0 flame rating

U.S. Patent No. 6,522,147; 6,577,136; D550,154

PERFORMANCE — When normal AC power fails, PS750 immediately drives the LED load at a reduced light output for a minimum of 90 minutes. When AC power is present, the emergency LED driver operates in various charging modes to ensure the sealed, maintenance-free, high-temperature nickel-cadmium batteries are fully recharged within 24 hours after a discharge and remains fully charged until the next loss of AC power. The pilot light/test switch provides visual and manual means of monitoring the system operation.

ELECTRICAL — Multi-volt input capability – 120V thru 277V; 50-60hz

Output current – 140 mA

Maximum Output Voltage – 50 VDC

Maximum Output Power – 7 watts

Maximum AC input – 290 mA and 3.3 watts

INSTALLATION — Patented Quick-Disconnect connector system allows for quick and easy replacements at end of life without rewiring

Mounts concealed within fixture wireway for clean appearance and protection against vandalism; or mounts on outside of fixture housing if internal space is limited. One 1/2" holes in fixture channel permit mounting of test switch/pilot light behind fixture lens

External mounting requires a remote mounting enclosure (ELA PSRME).

Compact size (9-2/5" L x 2-3/16" W x 1-3/16" H) fits in a variety of LED fixtures: troffers, volumetric recessed, industrials, commercials and strips

Unit wires two ways: on night light circuit (permanently energized) or on switchable circuit (unswitched circuit to battery charger and switched circuit to the fixture driver).

Ambient temp ratings - 0 °C to 50 °C (32 °F to 122 °F)

Polarized quick-connect pilotlight/test switch assembly simplifies installation

Standardized mounting centers

LISTINGS — UL recognized. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards

Standard unit is UL recognized for installation in damp or wet location sealed and gasketed listed luminaires

Not suitable for mounting outside the luminaire in a wet location application

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Catalog Number
Notes
Type

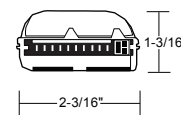
PS750

Reduced-Profile LED Emergency Battery Pack



MOUNTING

All dimensions are in inches



Cross section end view

Length: 9-2/5 inches
Shipping weight: 2.0 lbs (0.68 kg).

Reduced-profile design fits in the tightest of applications

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: PS750

PS750			
Series		Options	
PS750	Power Sentry 7W max output wattage 30V DC output voltage	SD	Self-diagnostics ¹

Accessories ² : Order as separate catalog number.	
ELA TSPLP	Remote or replacement test switch pilot light; mounts up to 25' away from fixture
ELA TSPLPSD	Remote or replacement test switch pilot light for self-diagnostics; mounts up to 25' away from fixture
ELA PSMKSD	External mounting kit for self-diagnostics module (2 required per module)
ELA PSRME	Remote enclosure

Notes

- 1 Self-diagnostics (PSSD2) module ships separately. See PSSD2 Accessories spec sheet for details on self-diagnostics.
- 2 See Accessories specification sheets for details on other compatible devices ELA-RTS-TSPLP-PSTS-PSPRSB and ELA-PSMK-PSMKSD-PSDMT-PSRME

PS750 LED Emergency Battery Pack

SPECIFICATIONS

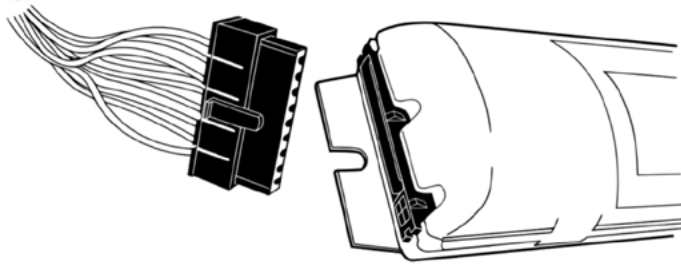
BATTERY				
Sealed Nickel-Cadmium				
Voltage	Shelf life ¹	Expected life ¹	Maintenance	Ambient temperature ²
4.8V	3 years	7-10 years	none ³	0-50C (32-122° F)

Notes

- 1 At 77°F Ambient temperature, charge/discharge cycles and prolonged full discharge may reduce useful life.
- 2 Ambient temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.
- 3 All life safety equipment, including emergency lighting for path of egress must be tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required testing could jeopardize the safety of occupants and will void all warranties.

KEY FEATURES

- Quick-Disconnect wiring system



KEY OPTIONS

Self Diagnostics Module PSSD2

