



FEATURES & SPECIFICATIONS

INTENDED USE — The LEM08 emergency LED driver enables the lighting fixture to deliver a minimum of 90 minutes illumination during a loss of normal AC power. It is cUL Listed for factory or field installation with indoor, damp location luminaires utilizing 20-50VDC output voltage.

CONSTRUCTION

UL rated, painted steel enclosure (white)
Flexible metallic conduit

PERFORMANCE — When normal AC power fails, the LEM08 immediately drives the LED load at reduced light output for a minimum of 90 minutes. When AC power is present, the emergency LED driver ensures the sealed, maintenance-free, high-temperature nickel-cadmium batteries are fully charged within 24 hours after a discharge and remains fully charged until the next loss of AC power. The included test switch/pilot light provides visual and manual means of monitoring the system operation.

ELECTRICAL

Multi-volt capability – 120V thru 277V; 50/60hz
Output Voltage – 20-50 VDC
Initial Output Power – 8 watts
Maximum AC input – 95mA

INSTALLATION — Available for integral mounting (no metal conduit) or with dual metal conduit for mounting inside or outside of wireway. One 1/2" hole in fixture channel permits mounting test switch/pilot light behind fixture lens

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

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

Polarized test switch/pilot light assembly

Standardized mounting centers

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

UL 1310 Certified, Output Class 2 Compliant

UL Listed for installation in damp location, recessed type IC fixtures.

Meets CA Title 20 requirements. Registered in the Modernized Appliance Efficiency Database System (MAEDBS) as a small battery charger.

WARRANTY — 3-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/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

LEM08

LED Emergency Battery Backup



MOUNTING

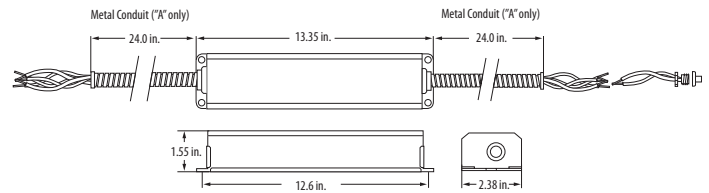
All dimensions are in inches.

Enclosure Length: 13.35"

Width: 2.38"

Height: 1.55"

Shipping weight: 3.4 lbs (1.54 kg) (with metal conduit)
2.8 lbs (1.27 kg) (no metal conduit)



ORDERING INFORMATION

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

Example: LEM08 A

LEM08 Series	Options
LEM08 LED emergency battery pack, 8W 20-50VDC	A Dual metal conduit (24" length each) B Integral (no metal conduit)

SPECIFICATIONS

BATTERY				
Sealed Nickel-Cadmium				
Voltage	Typical Shelf Life ¹	Typical Life ¹	Maintenance ²	Temperature Rating ³
6.0V	3 years	7-10 years	none	0° C to 50° C (32° F to 122° F)

Notes

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