

EMSM

Surface Mount Fixture Emergency Battery

Product Description

The EMSM is an LED emergency driver for field installations that enables normal and emergency operation of LED surface mount downlights. During a power failure, the EMSM activates emergency mode to maintain constant output power to the fixture for a minimum of 90 minutes without light degradation. The EMSM contains a battery, charger, and converter circuit in a single housing and includes a test button/indicator light to be adhered to the fixture or a nearby surface.

Construction

- Heavy duty steel junction box with mounting arm
- Flexible test switch/status indicator lead with LED indicator
- Six additional knockouts for through wiring installation

Electrical

- Long life high temperature Li-Ion battery
- Constant power design provides consistent lumen output for >90 minutes
- 24 hour recharge time
- Operating temperature rating of 32°F to 122°F (0°C to 50°C)

Installation

- 120VAC input
- Wires to fixture AC input leads
- Compatible with fixtures up to 28W max
- Junction box adjustable for ceiling thicknesses of 0.5in - 1.0in
- For use with switched or unswitched fixtures (requires unswitched power source)
- For installations where power surge may be possible, NICOR recommends installing additional surge protection at the electrical distribution panel

Compliance

- cULus 924 certified
- NFPA 101 (Life Safety Code) compliant
- CA Title 20 compliant
- Damp location rated
- Approved for use in plenum spaces

Warranty

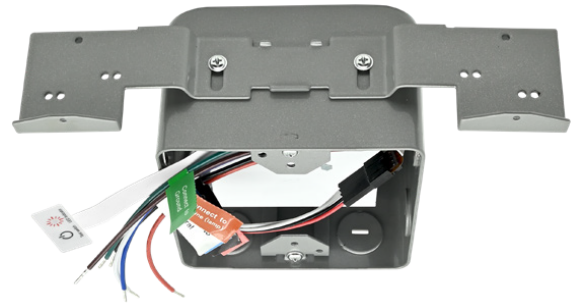
- 5-year limited system warranty standard

Project

Catalog

Type

Date



EMSM
Emergency Battery
For surface mounted fixtures



EMSM

Surface Mount Fixture Emergency Battery

Ordering

Ordering Information

Example: EMSMN131120

Series	Installation Method	Output Wattage	Version	Voltage
EMSM	N (New Construction)	13 (13W)	1	120 (120VAC)

Specifications and dimensions subject to change without notice.

Performance Data

Input Voltage:	120 VAC 50/60 Hz
Input (Recharge) Power:	5W max
Output Power:	13W
Battery Capacity	2600mAh
Emergency Operation:	90 Minutes
Initial Charge Time	24 Hours
Compatible Fixture Type	Surface Mount
Led Indicator	Red LED
Battery Type	Li-Ion
Finish Color	Gray
Operating Temp:	32°F to 122°F (0°C - 50° C)
Weight:	2.36 lbs (1.07kg)

Product Compatibility

This unit is compatible with all NICOR surface mount downlights up to 28W max that are phase-cut dimming compatible and use 120VAC input. For a complete list of fixture part numbers, please reference the Compatibility List found at www.nicorlighting.com. For other suppliers' lights, the same wattage rating holds and NICOR recommends testing for complete compatibility before finalizing an installation.

Dimensions

