

EMB400

NICOR Emergency Pack 40W Constant Power

Project

Catalog

Type

Date

Product Description

The NICOR EMB400 is an UL Listed LED emergency driver for field installations that enables normal and emergency operation of an LED fixture up to 300W that utilize 0-10V dimming or 40W non-dimming. During a power failure, the unit activates emergency mode to maintain constant output power to the fixture for a minimum of 90 minutes without light degradation. The unit contains a lithium battery, charger, and converter circuit in a single housing and features a built-in junction box for simple installation. The EMB400 also features automatic monthly and annual self-testing features with unit status communicated via the illuminated test button.

Specifications

Input Voltage.....	120-277VAC 50/60Hz
Output Voltage.....	130-190VDC max
Output Power.....	40W max
Illumination Time.....	90 minutes
Max Mounting Height.....	50 ft (15.3m)
Surge Protection.....	4kV, Meets ANSI/IEEE C62.41.2-2002
Operating Temp.....	32°F - 122°F (0°C - 50°C)
Battery Technology.....	LiFePO4, 12.8V, 6.4Ah
Recharge Time.....	24 hours
Weight.....	8.8 lb(4kg)
Certifications.....	cULus 924 Listed for field installation Meets CA Title 20 efficiency standards UL rated for Wet Locations

Construction

- Aluminum housing with black anodize finish
- Smoked polymer front cover
- Hanging tabs and mounting holes provided
- Wire connectors, wire glands, and safety cable included

Electrical

- Long life, high temperature LiFePO4 battery
- Battery easily field replaceable
- Integrated test switch/charge indicator
- Product status display screen
- Self-diagnostic/self-test feature
- Constant power design provides consistent lumen output for >90 minutes
- Auto sensing output voltage adjusts for various products such as high bays, troffers, etc.
- 24 hour recharge time
- Available remote control for function test

Installation

- For use in fixtures from 40W - 300W input power with 0-10V dimming or 10W - 40W non-dimming
- Multiple 1/2" NPT ports for wiring installation
- Integrated junction box hinged door
- Included mounting carabiner
- For use with switched or unswitched fixtures

Listings

- UL 924 Listed
- UL rated for wet location installations
- IP67 rated
- CA Title 20 certified
- RoHS Compliant

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)



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Ordering

Ordering Information			Example: EMB4001UNVBK
Series	Version	Voltage	Color
EMB400	2	UNV (120-277V)	BK (black)

Specifications and dimensions subject to change without notice

Accessories

Remote Control for function test EMB4002REMOTE

Dimensions

