



IMPORTANT SAFEGUARDS, READ AND FOLLOW ALL SAFETY INSTRUCTIONS

CAUTION

1. This unit provides more than one power supply output source. To reduce risk of electrical shock, disconnect both normal and emergency source by turning off AC branch circuit and by disconnecting the battery connector.
2. Servicing this unit should be performed by qualified personnel only.
3. Do not attempt to service the battery. A sealed, no-maintenance battery is used that is not field replaceable. Replace the entire unit when necessary.
4. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition, void warranty, and result in non-compliance with UL specifications.
5. Connect the battery pack to the Emergency Driver before applying AC power.
6. The unit requires an un-switched AC power source of 100-347VAC 50/60Hz Verify the electrical rating at the fixture before servicing. Both of the electrical ratings will supply power under an output voltage of 170VDC in emergency mode for at least 90 minutes.
7. Battery pack should be charged for 24 hours every 6 months during storage.
8. Press test switch again to turn off emergency before shipping.
9. Battery in this unit may not be fully charged. After electricity is connected to the unit for at least 24 hours, normal operation of this unit should take effect.
10. For use in 41°F - 122°F (5°C-50°C) ambient temperatures. Suitable for use in wet locations.
11. The unit should be mounted in location and at heights where it will not be readily subjected to tampering by unauthorized personnel.
12. Do not use this equipment for anything other than its intended use. Equipment only used for LED lighting emergency backup.
13. Do not mount near gas or electric heaters. Do not let unit touch hot surfaces.
14. Do not make or leave any open holes in the enclosure during installation.
15. This fixture is for use with grounded, UL listed, wet location rated, outdoor fixtures. Not for use in hazardous locations.

<p>1 Carefully unpack EMO battery kit from packaging. Inspect product for defects due to shipping.</p>	<p>2 Turn off power to appropriate circuit at the breaker box.</p>
<p>3 The EMO Battery needs to be mounted within 5 feet of the fixture. A piece (6") of water-tight flex conduit is included. Alternately other water-tight conduit can be used as provided by the installer.</p>	<p>4 Remove cover by loosening four (4) Phillips head screws and lifting cover from box.</p>
<p>5 Identify desired mounting location. There are several different mounting holes on the tabs of the box. Choose preferred mounting holes, mark hole locations, pre-drill surface, and install EMO box to structure with properly rated hardware.</p>	<p>6 Chose wiring entry position and remove knockout plug by unscrewing. Connect conduit between LED fixture and EMO battery kit. Pull wiring through conduit and connect per the wiring diagram.</p>
<p>7 Wiring Diagram. Make sure to connect battery to Emergency Driver. <i>NOTE: If dimmer is not needed, cap off orange wire.</i></p>	<p>8 Replace the cover of the OEM box and securely fasten with screws. Make sure screws are snug but not over tightened to avoid damage to the gasket.</p> <p>9 Turn on power to appropriate circuit at the breaker box. The indicator light on the test button should illuminate. <i>(Time to full charge: 24 hours)</i></p> <p>10 A short term discharge test may be performed after 1 hour of charging. After 24 hours, a long-term discharge test may be performed.</p>



Self-Diagnostic (maintenance)

- The integrated self-diagnostic circuitry will automatically conduct 1 monthly 30-second and annual 90-minute tests to verify proper emergency capability per Life Safety Code requirements. NFPA 101, Life Safety Code outlines the following schedule:
- Monthly: The system conducts a 30 second self discharge test of the emergency LED driver every 30 days. It automatically returns to normal charging mode as 30 second discharge.
- Annually: The system conducts a 90 minute self discharge test of the emergency LED driver every 365 days. It automatically returns to normal charging mode after full discharge.
- If the charging indicator is flashing rapidly or off, contact the manufacturer.

Self-Diagnostic (maintenance)

Mode	Test Switch Operation	Indicator Status	Notes
Normal Power	Not Pressed	On (no flashing)	Unit is charging
Normal Power	Pressed Once	2s ON, 2s OFF (slow flash)	Unit is conducting 30s emergency test
Normal Power	Pressed Twice (in 2s)	2s ON, 2s OFF (slow flash)	Unit is conducting a long test until full discharge
Emergency Power	Not Pressed	2s ON, 2s OFF (slow flash)	Unit is in EM mode until full discharge or power is restored.
Abnormal	When indicator flashes 0.2s ON, 0.2s OFF (quick flash) or turns off, the unit is not functioning properly. Contact the manufacturer.		

SAVE THESE INSTRUCTIONS

LED EXPRESS LIMITED WARRANTY

Subject to the exclusions below, each NICOR LED product, including the LED electronics and components of a property installed NICOR LED product, will be free from defect in materials and workmanship for a period of five (5) years from the original date of purchase. The product shall be considered defective only if 10% or more of the product's LED components fail. NICOR LED product warranty covers the following performance criteria: LED Light Output will be maintained above 70% of initial output; LED color temperature will not shift more than 200K in CCT; LED driver will operate within NICOR specifications; and the fixture finish, excluding natural aluminum or brass products, will not exhibit cracking, peeling, excessive fading, or corrosion during the warranty period. Exceptions apply as defined in NICOR's product specification sheets, which are incorporated by reference herein.

This limited warranty is provided to you, the purchaser of the product identified on Seller's invoice, as your exclusive remedy and applies only to NICOR products that have been purchased from an authorized NICOR Distributor; the product was new and in an unopened NICOR package at the time of installation; and the NICOR product was installed by a licensed electrician or under the supervision of a licensed electrician and used by consumers in the United States or Canada when accompanied with this warranty. This warranty extends only to the first consumer purchaser and is not transferable. A consumer wishing to invoke the terms of this limited warranty must first obtain a RGA number within 30 days of discovery of the defect, and return the product to NICOR for inspection. Once verified to be covered by this limited warranty, NICOR will, at its sole discretion, repair, replace, or refund the purchase price of any product that does not conform to this limited warranty. If NICOR, at its sole discretion, determines that the product should be repaired or replaced, this warranty is limited to the reasonable, customary, and necessary costs and expenses associated with the repair/replacement. This warranty requires that all repair/replacement estimates and costs, including but not limited to equipment rental (if any), and any other cost or expense to be incurred in the repair/replacement of the product, be approved in advance and in writing by NICOR.

FAILURE TO OBTAIN NICOR'S ADVANCE WRITTEN APPROVAL OF ALL REPAIR/REPLACEMENT COSTS AND EXPENSES IN WRITING SHALL VOID THIS LIMITED WARRANTY.

THIS LIMITED WARRANTY DOES NOT COVER THE FOLLOWING:

- Defects or damages resulting from improper installation, operation, storage, misuse or abuse, accident, or neglect;
- Defects or damages resulting from improper service, testing, adjustment, installation, maintenance, alteration, connection to out-of-specification electrical service, corrosive or damp environments, or connection to incompatible equipment or devices (e.g., connecting non-dimmable lighting products to dimmers);
- Damage which occurs in transit;
- Power surges or overheating due to external conditions
- Acts of nature including but not limited to lightning strikes

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL NICOR BE LIABLE, WHETHER IN CONTRACT OR IN TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCT TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.