



IMPORTANT SAFEGUARDS, READ AND FOLLOW ALL SAFETY INSTRUCTIONS

WARNING/AVERTISSEMENT:

1. CAUTION- To prevent electrical shock, do not mate unit connector until installation is complete and AC power is supplied to the unit.
2. CAUTION-This fixture provides more than one power supply output source. To reduce the risk of electrical shock, disconnect both normal and emergency sources by turning off the AC branch circuit and by disconnecting the unit connector.
3. CAUTION-This is a sealed unit. Components are not replaceable. Replace the entire unit when necessary.
4. CAUTION-Installation and servicing should be performed by qualified personnel only De-energize before opening.
5. DO NOT USE OUTDOORS. The EMB250-10-UNV is for use with grounded, UL Listed, damp location rated, indoor fixtures. Not for use in heated air outlets or hazardous locations.
6. The EMB250-10-UNV requires an unswitched AC power source of 120-277 volts. Properly cap the unused AC lead.
7. The EMB250-10-UNV and fixture must be on the same branch circuit.
8. Do not mount near gas or electric heaters.
9. The EMB250-10-UNV should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
10. The EMB250-10-UNV will supply 56VDC output at the individual rated specification for 90 minutes.
11. Suitable for use in damp locations.
12. For use in 0°C minimum, 50°C maximum ambient temperatures.
13. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
14. Do not use this equipment for other than intended use.
15. Install in accordance with the National Electrical Code and local regulations.
16. Lighting fixture manufacturers, Electricians and end-users need to ensure product system compatibility before final installation.
17. CAUTION: Battery is rechargeable LiFePO4 type and must be recycled or disposed of properly.
18. The fixture driver should be enclosed and the EMB250 case should be connected to ground.
19. CAUTION: Risk of electric shock, output voltage more than 42.4Vdc.

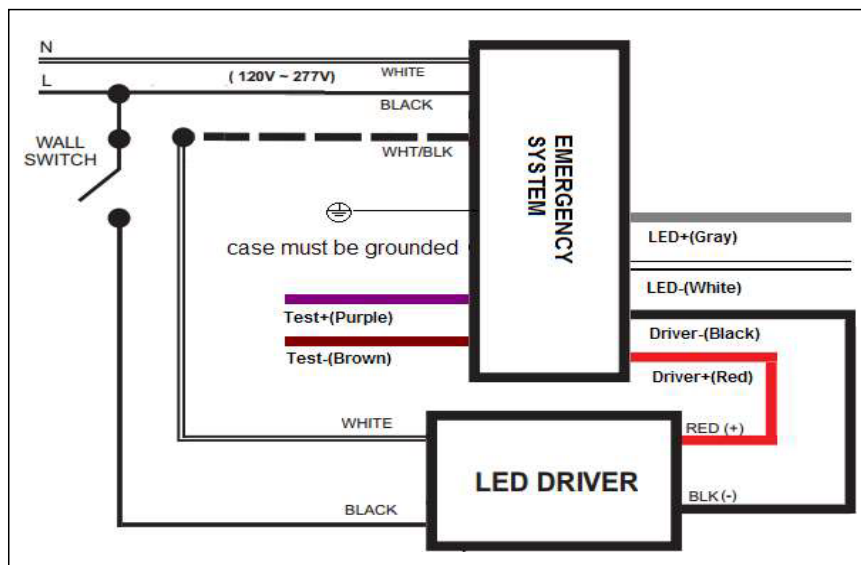
SAVE THESE INSTRUCTIONS

1 Carefully unpack EMB250 from packaging. Inspect product for defects due to shipping.

2 Turn off power to appropriate circuit at the breaker box.

3 The NICOR EMB250-10-UNV should be mounted on or nearby the fixture above the ceiling. The flex conduit marked 'A' should be wired into the driven lamp compartment or to an electrical junction box on the fixture which allows access to the fixture connections. Under no circumstances should the battery pack exceed a distance of 50' from the lamp.

4 Connect wiring as shown.

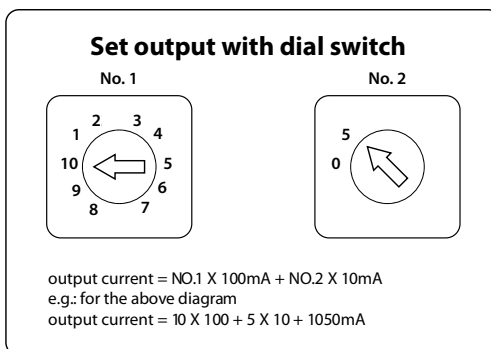


5 Turn on power to appropriate circuit at the breaker box.
(Time to full charge: 48 hours)

6 Check the functionality of the emergency system by pressing the test button.

- 7** While pressing the test button adjust the output current until the light dims down (when the light dims down, emergency driver is in protected mode and its output current is 100mA). Then back off No. 1 by 100mA.

Example: If No. 1 is set to 3 and No. 2 is set to 5 for max light output. Turn No. 1 to 2 and achieve proper settings.



- 8** Attach the appropriate labels adjacent to the test switch and charge indicator. Annotate replacement label for LED array type and wattage. The caution and the relamping labels must be on the fixture in a readily visible location to anyone attempting to service the fixture.

Operation

Normal Mode: Line Voltage power is present to the fixture and the fixture is operating as intended. The EMB250-10-UNV is in the standby charging mode. The Charge Indicator will be lit providing a visual indication

Emergency Mode: The Line Voltage power fails. The EMB250-10-UNV senses the power failure and automatically switches to Emergency Mode. The fixture will be illuminated at a reduced intensity for a minimum of 90 minutes. When the AC power is restored, the EMB250-10-UNV switches the system back to the Normal Mode and resumes battery charging, that the battery is being charged.

SAVE THESE INSTRUCTIONS

NICOR LIMITED WARRANTY - EMERGENCY BATTERY PACKS

Subject to the exclusions contained below, NICOR Inc. (NICOR) warrants that all NICOR LED branded Solid State Lighting products made by NICOR to be free from defects in materials and workmanship, under normal consumer usage for a period of 5 years from date of purchase. This limited warranty is a consumer's exclusive remedy, and applies only to new products purchased and used by consumers in the United States or Canada, which are accompanied by this written warranty.

This limited warranty extends only to the first consumer purchaser, and is not transferable. A consumer wishing to invoke the terms of this 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 discretion, repair, replace or refund the purchase price of any product that does not conform to this limited warranty.

This limited warranty covers only defects in material and workmanship associated with normal installation and intended use of the product.

THIS LIMITED WARRANTY DOES NOT COVER THE FOLLOWING:

- Defects or damages resulting from improper 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; and
- Labor or other charges or expenses associated with the removal, repair, or re-installation of defective or replacement products.

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.

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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.