

MaxLite® Field replaceable Emergency Battery Backup - Downlights



General Safety Information

- Risk of fire or electric shock. Luminaries wiring and electrical parts may be damaged when drilling for installation of LED emergency backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED emergency backup installation requires knowledge of luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100-347V. Installer must confirm that there is 100-347Vac the fixture before installation.
- To prevent electrical shock, only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- This LED Emergency Backup unit requires an un-switched AC power source of 100-347V, 50/60 Hz.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.



Picture is for illustration purposes only. Your model may vary.

Applicable Model:
EBUUP15007N0100

Operating Temperature: 0°C to 50°C
Rated Voltage: 100-347 Vac 50/60Hz

Specifications

Universal Input Voltage: 100-347AC, 50/60Hz
 AC Input Current: 100mA max
 AC Input Power Rating: 7.0W max
 Emergency Time: 90 Minutes
 Output Voltage: 50-150VDC
 Battery Charging Current: 250mA
 Recharge Time: 24 Hours
 Temperature Rating (Ambient): Li-ion 0°C to 50°C (32F to 122F)

Output Power	7W	20W	25W	30W
Battery Li-ion battery	14.8V/2000mAh	14.8V /2500mAh	14.8V/3000mAh	29.6V/2000mAh

These emergency packs have been evaluated to and found compliant to UL 924. The emergency pack assembly is accepted as a component of a luminary where the suitability of the combination shall be determined by UL or Authorities Having Jurisdiction. The as-installed performance of the system must meet or exceed all Federal, State, and Local code requirements.

Operation

AC Operation: AC power is present.
 The emergency pack is charging in a standby mode. The test button will be lit, showing that the battery is charging.

Emergency Operation:
 When the AC power goes out, the emergency pack detects the power outage and automatically switches to the emergency mode. The LED load is illuminated, for a minimum of 90 minutes. When AC power is restored, the emergency pack switches back to normal mode and starts recharging.

- Testing Procedures:**
1. Press the test button, switch the system to emergency mode, and turn off the test light.
 2. Release the test switch, switch the system to charging mode, and the test light is on.

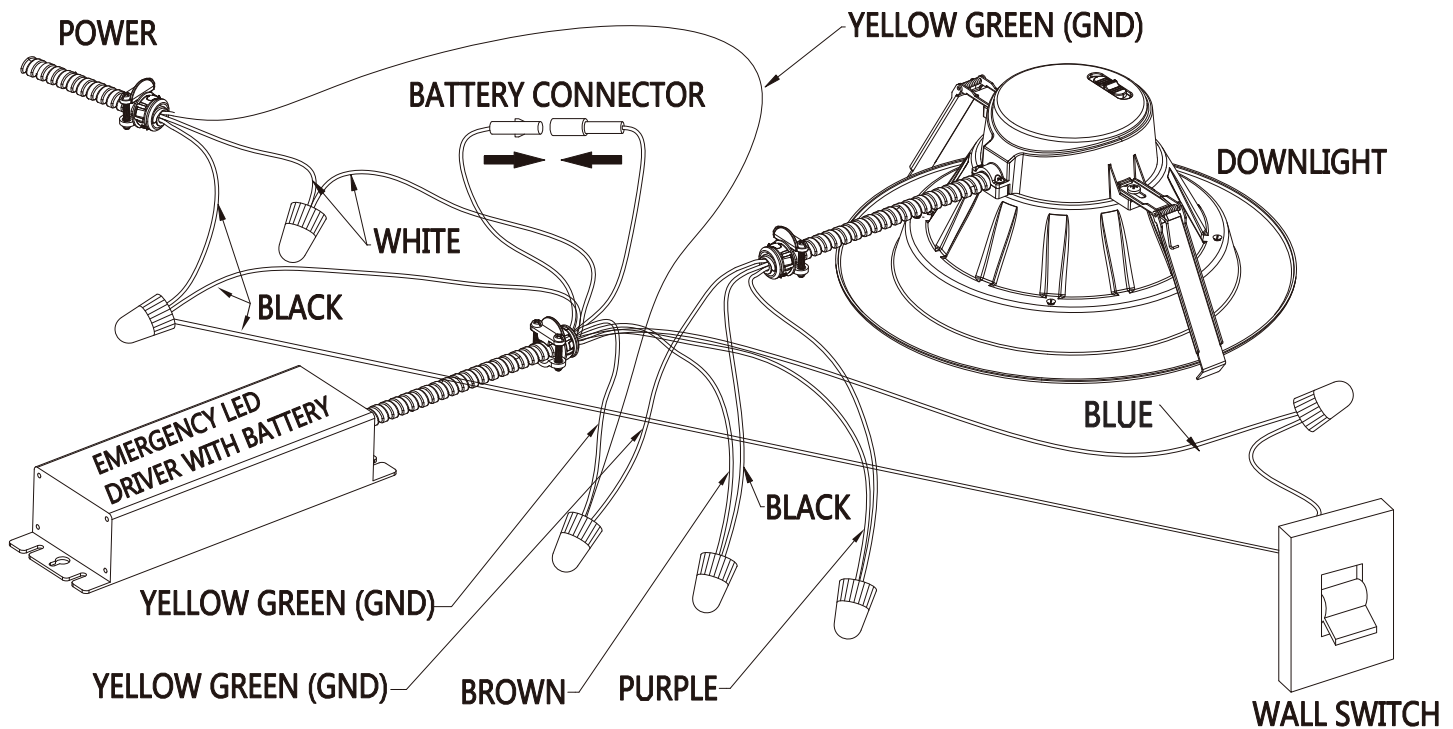
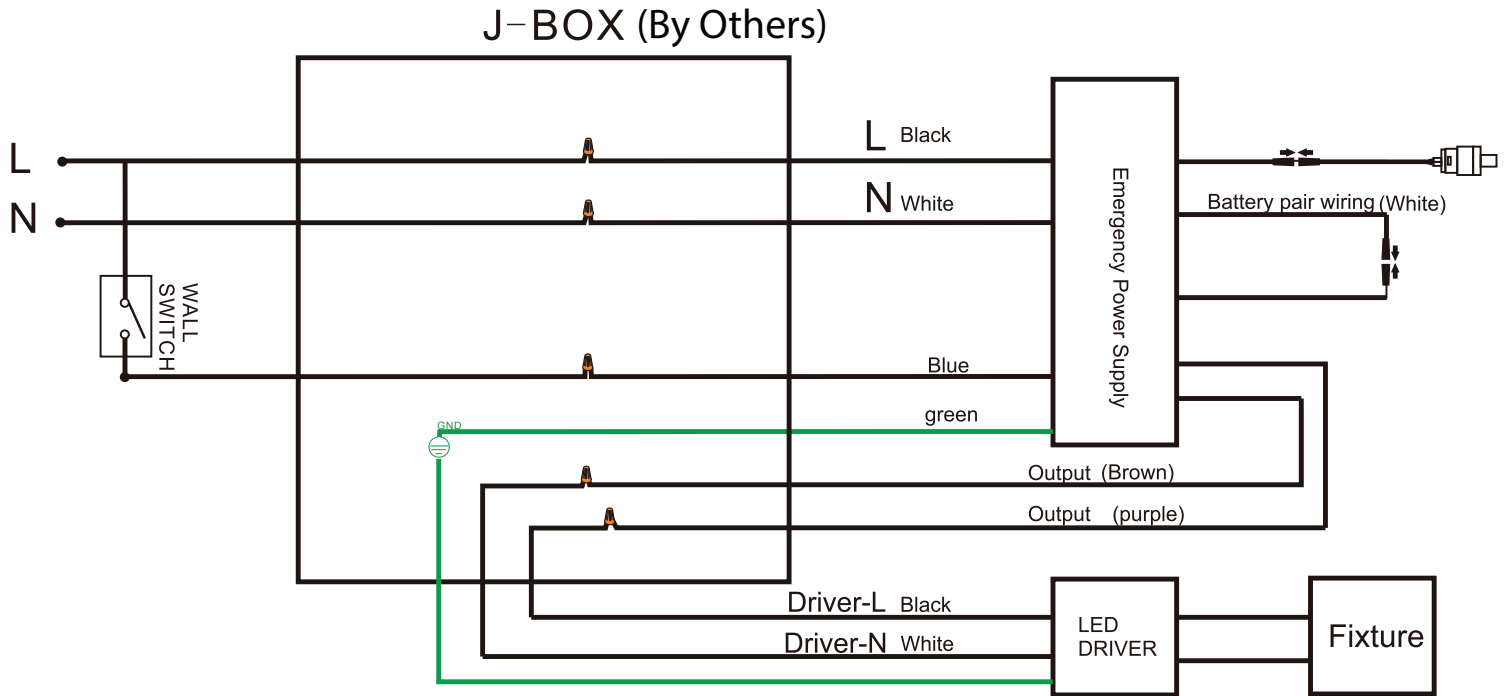
Note: The product includes a test switch and charge indicator kit. (No cover.)
Note: For Initial testing, allow the unit to charge approximately 1 hour, then conduct a short discharge test. Allow a 24 hour charge before conducting a one hour test.

- NFPA 101, Life Safety Code outlines the following schedule:
- Monthly-Insure that the test button light is illuminated. Conduct a 30 second discharge test by depressing the test button. The LED load should operate at reduced output.
 - Annually-Insure that the test button is illuminated. Conduct a full 90 minute discharge test. The unit should operate as intended for the duration of the test.

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General Wiring Diagram



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MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.