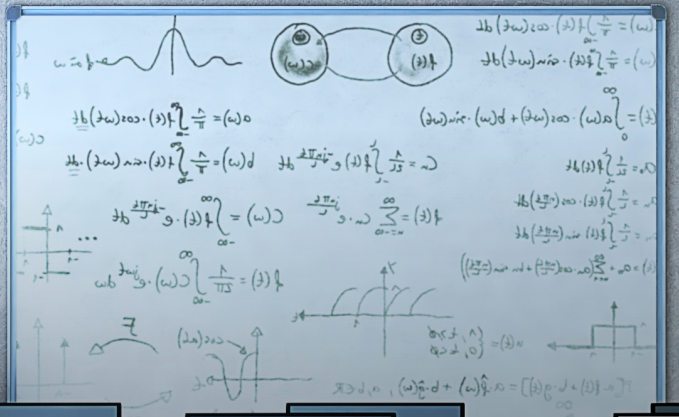




EXTRONIX
emergency lighting

barrontg.com



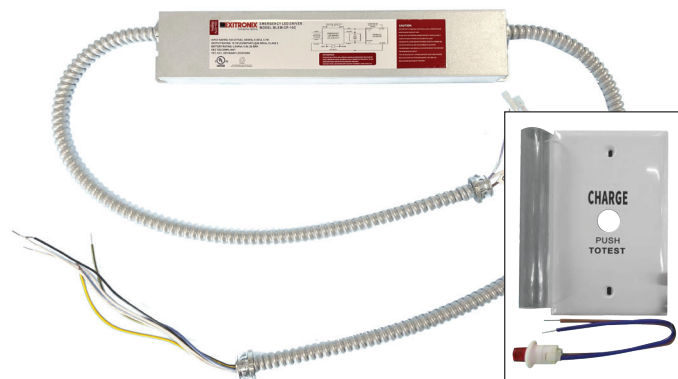
CONSTANT POWER EMERGENCY LED DRIVER

- Convert new or existing LED fixtures into emergency lighting.
- Provides constant power output to the load during emergency operation.
- 5W to 13W systems with 20-50V output voltage.
- Low profile compact design - only 1.2" thick.
- Long-life, Maintenance-free LiFePO4 battery.

LBDX Series

CONSTANT POWER EMERGENCY LED DRIVER

The Extronix LBDX Series LED Backup Driver is specifically designed to provide emergency lighting of LED fixtures with the loss of power. The unit's low-profile configuration makes the series suitable for most pre-installation and on-site applications requiring emergency illumination.



SPECIFICATIONS

- Galvanized steel enclosure with 2' conduits on both ends
- Low profile compact design— only 1.2" thick allows for installation in many applications
- Remote Charge/Power "ON" LED illuminated push to test switch button for mandated code compliance test provides manual verification of the transfer circuit and LED fixtures
- Works with or without an AC driver to convert new or existing LED fixtures into emergency lighting
- Provides constant power output to the load during emergency mode operation.
- Designed to operate NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD fixtures
- 5W to 13W systems with 20-50V output voltage
- Universal 120-277VAC, 50/60Hz
- Long-life, Maintenance-free LiFePO4 battery
- Provides a minimum of 90min of emergency operating time within operating temperatures. 24-hour maximum battery recharge time as per UL 924
- Charge/Power "ON" LED indicator light/ push to test switch for mandated code compliance test is included
- Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- Surge protection as per C62.41 (TVS)
- Input overcurrent protection: Fusible link
- Suitable for top or in remote installation of an LED fixture
- The test button is easy to locate and provides manual verification of the transfer circuit and emergency lamps
- Can be remote mounted up to 20' (the remote distance cannot exceed ½ the distance from the driver to the LED load specified by the AC driver manufacturer)
- Remote charge/test button provides manual verification of the transfer circuit and emergency load
- UL Listed for Damp Locations; IC rated
- Meets UL 924 requirements
- CEC Title 20 compliant
- Suitable for field installation
- Class 2 compliant output classification
- Operating temperatures: 10°C to 55°C (50°F to 131°F)
- 5 Year warranty

ELECTRICAL INFORMATION

Model	Output Power	Output Voltage	Output Current (mA)	Input Current (A)	Input Power (W)
LBDX-5-CP-C	5W	20-50V	250-100	0.064	3.9
LBDX-10-CP-C	10W	20-50V	535-214	0.087	5.7
LBDX-13-CP-C	13W	20-50V	685-214	0.110	6.9

ORDERING INFORMATION (Example: MLBDX-5-CP-C)

Model	Description
LBDX-5-CP-C	5W LED Constant Power Emergency LED Driver, LiFePO4, 20-50V Output, 2' Conduit Whip Both Ends
LBDX-10-CP-C	10W LED Constant Power Emergency LED Driver, LiFePO4, 20-50V Output, 2' Conduit Whip Both Ends
LBDX-13-CP-C	13W LED Constant Power Emergency LED Driver, LiFePO4, 20-50V Output, 2' Conduit Whip Both Ends



Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

10840479 MKT-LIT-LBDX



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