

Project		Date
Type		
Model		

PRODUCT DESCRIPTION

The Luminoso LED Emergency Back-up battery is UL recognized and allows LED fixtures to be used for both normal and emergency operation. In the event of a power failure, the LED Emergency battery back-up switches to the emergency mode and operates the existing fixture for minimum of 90 minutes, and up to 120 minutes. The unit contains a high-quality Lithium battery, charger, and converter circuit in a single can and is available in different mounting configurations for individual fixture requirements.

OPERATION

When AC power fails, the EMBI3 emergency LED driver switches to emergency mode, operating the LED fixture at a reduced lumen output for a minimum of 90 minutes. When AC power is restored, the emergency driver automatically returns to charging mode.

SELF-TESTING

The EMBI3 is UL listed and are equipped with self-testing functionality.

- Initial Self-test after installation**

It will perform a functional test for 3 seconds after the driver is installed and then perform a second test in 120 minutes to check the wiring and battery output. The indicator will be off or flicker in case of a failure or an error.

- Monthly Self-Test**

EMBI3 will automatically perform a test every 30 days for 3 seconds, diagnosing wiring, and battery output. If the indicator LED is blinking or off, signifies there is a failure.

MOUNTING

The EMBI3 is available in four different mounting configurations to accommodate various performance requirements and fixture types.

- Single Flex (standard)**

Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.



- Dual Flex (standard)**

Provides dual flex for wiring to both the fixture or driver compartment and test accessories.



Example: EMBI3-25W-Y

EMBI3 LED Emergency Driver

UP TO 300W LED



Dual Flex



Single Flex



Series	Wattage	Voltage	Flex Whip
EMBI3 UL listed LED Emergency Driver	8W: Input: 70mA, 3.2W Output: 170VDC, 8W	Y = 120-277V	Leave Blank Dual Flex Whip
	25W: Input: 110mA, 6W Output: 170VDC, 25W		SF Single Flex Strip

Enter configuration:

** Special Order

EMBI3-8W



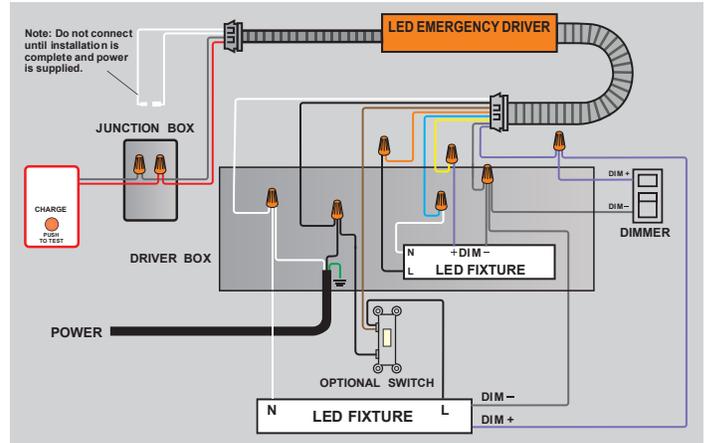
- Output Power**
8 Watts
- Output Voltage**
170V DC
- Input Current**
70 mA (Max)
- Input Power**
3.2 Watts (Max)
- Input Voltage**
100-277VAC, 50-60Hz
- Emergency Operation**
>90 Minute
- Operating Temp.**
32°F to 122°F
- Battery**
Lithium
- Recharge**
24 Hrs.
- Luminaire Load Power**
60W (Max)
- Dimension**
L 12.8" x W 2.13" x H 1.57"

EMBI3-25W

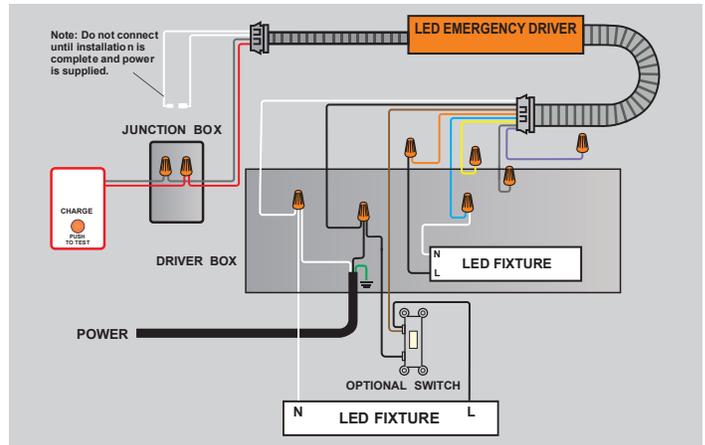


- Output Power**
25 Watts
- Output Voltage**
170V DC
- Input Current**
110 mA (Max)
- Input Power**
6 Watts (Max)
- Input Voltage**
100-277VAC, 50-60Hz
- Emergency Operation**
>90 Minute
- Operating Temp.**
32°F to 122°F
- Battery**
Lithium
- Recharge**
36 Hrs.
- Luminaire Load Power**
300W (Max)
- Dimension**
L 15.4" x W 2.13" x H 1.57"

W/ Dimmer



W/O Dimmer



Model	L	W	H
EMBI3-8W	12.8"	2.13"	1.57"
EMBI3-25W	15.4"	2.13"	1.57"

