

CONSTANT POWER LED EMERGENCY DRIVER

- Field or Factory Installation -



BLEDEM-CP

**Long Life, High Temperature
Recyclable Ni-Cad Battery**



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PROJECT:

FIXTURE TYPE:

LOCATION:

CONTACT/PHONE:



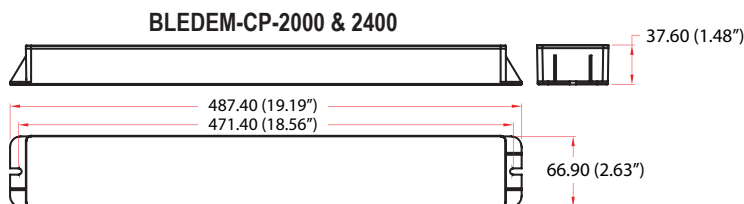
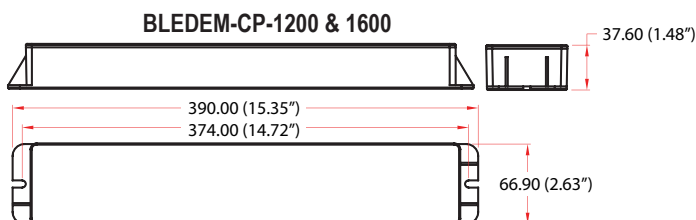
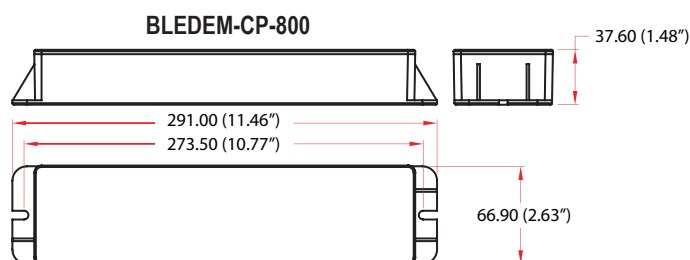
FEATURES

- UL 924 Listed, UL Classified to FTBV
- UL 1310 Certified, Output Class 2 Compliant
- Universal 100-277V, 50/60Hz input
- Self-sensing output voltage (20-50VDC) operates various product types, such as downlights, troffers, or strips
- Long life, high temperature recyclable Ni-Cad battery
- Injection molded, engineering grade, 5VA flame retardant high impact resistant,
- 90 minute runtime with no light degradation, 24 Hour recharge
- Surge protection: Per C62.41 (TVS), Input overcurrent protection: Fusible link
- Includes push-to-test switch and charge indicator accessory kit
- For use with switched or unswitched fixtures
- 5-Year Warranty
- Meets or exceeds all NEC, IBC, and Life Safety
- Operating temperature: 0° to 55° C
- Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminaires
- Suitable for installation inside, on top, or remote mount from the fixture

PRODUCT DESCRIPTION

The BLEDEM-CP is a UL Classified LED emergency driver that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the BLEDEM-CP switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can and will provide constant power output to the load during emergency operation. The Constant Power design of the BLEDEM-CP maintains the output wattage to the LED array even as the system voltage diminishes.

DIMENSIONS



ORDERING INFORMATION

MODEL	OUTPUT OPERATING RANGE		OUTPUT POWER		OPTIONS
	VOLTAGE (Vdc)	CURRENT (mA dc)	(Watts)	(Lumens)	
BLEDEM-CP-800	20-50	250-100	5.0	800	-CEC = Title 20 Compliant
BLEDEM-CP-1200	20-50	390-156	7.8	1250	
BLEDEM-CP-1600	20-50	535-214	10.7	1700	
BLEDEM-CP-2000	20-50	685-274	13.7	2200	
BLEDEM-CP-2400	20-50	850-340	17.0	2700	

Lumen output based on LED light source having efficacy of 160 lumens/watt. Actual output may vary depending on light source utilized.

Provides regulated power from 5.0 watts to 17.0 watts (up to 800 to 2400 lumens)

