CONSTANT POWER EMERGENCY LED DRIVER | 5W | 10W | 13W

Code: EB-CPD

The **EB-CPD Constant-Power Emergency LED Driver** is a reliable and efficient solution designed to provide consistent emergency lighting performance during power outages. Operating on a universal 120-277V, 50/60 Hz input, this driver features a push-to-test switch and LED charge/power indicator to ensure easy code-compliant testing and verification. It includes a long-life, maintenance-free lithium iron phosphate battery, delivering a minimum of 90 minutes of constant power across the full temperature range. Built-in electronic output short and overcurrent protection allows the unit to automatically resume normal operation after a fault is cleared. With a Class 2 compliant output, the **EB-CPD** ensures safe, low-voltage operation, making it ideal for a wide range of commercial and industrial emergency lighting applications.

FEATURES

- Meets or exceeds all NEC and Life Safety Code emergency lighting requirements
- Certified to CEC under Title 20 Regulations
- Output Classification: Class 2 Compliant
- 24 hour maximum battery re-charge time
- 90 Minute emergency operation
- 120-277V 50/60Hz operation
- LED Charge indicator light and push-to-test switch

WARRANTY INFORMATION

Any component that fails due to manufacturer's defect is guaranteed for 1 year. The warranty only covers products installed and maintained in accordance with the instructions provided by their respective manufacturer and no warranty is made with respect to any of our products that are otherwise installed or maintained. For full warranty details, visit our Warranty Section.

Conformance to Codes and Standards

The EB-CPD driver is UL listed and meets or exceeds the following: UL 924, NEC, OSHA, Title 20, and NFPA 101 Life Safety Code requirements.

ORDERING INFORMATION

Series	Wattage	Conduit Option
EB-CPD	5W	No Conduit
	10W	2' Conduit on Each Side
	13W	

CONSTRUCTION

The EB-CPD driver features an LED-illuminated, remote-mounted test switch and a low-profile galvanized steel construction. Its compact design allows for easy installation of non-conduit models inside most LED fixtures, making it a versatile and space-saving emergency lighting solution.

ILLUMINATION

The EB-CPD driver works with or without an AC driver to convert new or existing LED fixtures into unobtrusive emergency lighting. It provides constant power output during emergency mode operation and is designed to operate with NORMALLY-ON, NORMALLY-OFF, or SWITCHED LOAD fixtures for maximum application flexibility.

ELECTRICAL COMPONENTS

The EB-CPD driver features operates on a universal 120-277V, 50/60 Hz input and includes a charge/power “ON” LED indicator light with a push-to-test switch for code compliance testing. It features electronic output short and overcurrent protection that automatically resets after faults are cleared.

EMERGENCY OPERATION

The EB-CPD driver provides a minimum of 90 minutes of emergency operation, and is Class 2 compliant. Additional safeguards include surge protection per C62.41 (TVS) and input overcurrent protection via a fusible link.

BATTERY - BATTERY BACKUP

The EB-CPD driver is designed with a long life, maintenance free, rechargeable lithium iron phospate battery. Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault.

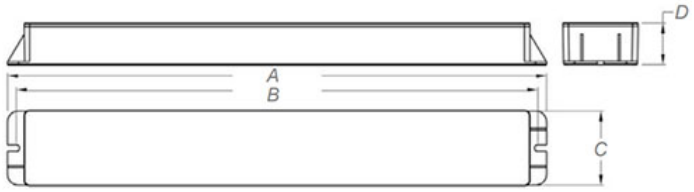
OPERATIONAL TEMPERATURE

Temperature Ratings	
Standard Option	50°F to 131°F

INSTALLATION

Non-conduit models are suitable for installation inside or on top of LED fixtures, while conduit models are designed for remote mounting to the LED fixture.

DIMENSIONS



MODEL	A	B	C	D
EB-CPD-5W	10.44”	9.81”	2.50”	1.19”
EB-CPD-10W / 13W	13.56”	12.94”		

Weight : 5.00 lb

ELECTRICAL INFORMATION

MODEL	**INPUT CURRENT (A)**	**INPUT POWER (W)**	**OUTPUT VOLTAGE (V)**	**OUTPUT POWER (W)**	**OUTPUT CURRENT (mA)**
EB-CPD-5W	0.061	3.9	20-50	5.0	250-100
EB-CPD-10W	0.087	5.7	20-50	10.7	535-214
EB-CPD-13W	0.110	6.9	20-50	13.7	685-274

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