



Project

Type

Catalog Number

SPECIFICATIONS

POWER SUPPLY

HOUSING

- LED Illuminated test switch
- Low profile galvanized steel construction

ELECTRICAL

- Dual voltage 120-277V, 50/60 Hz
- Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- Charge/Power "ON" LED Indicator light and push-to-test switch for mandated code compliance testing
- Output Classification: Class 2 Compliant
- Surge Protection: Per C62.41 (TVS)
- Input Overcurrent protection: Fusible link
- Temperature Rating: 10°C - 55°C (50°F - 131°F)

INSTALLATION

- Suitable for installation inside linear LED fixtures

ILLUMINATION

- 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

CODE COMPLIANCE

- cULus Classified for factory or field installation
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State codes
- Suitable for damp locations
- CEC Title 20 certified

WARRANTY

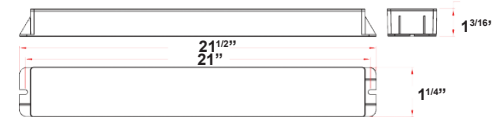
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EBCP-LED Low-Profile Constant Power emergency LED Driver

ORDERING INFORMATION

CATALOG #	Description
EBCPLP-10W	10.7W LED Driver
EBCPLP-13W	13.7W LED Driver



ELECTRICAL INFORMATION

Catalog #	Output			Input	
	Power (W)	Voltage (V)	Current (mA)	Current (A)	Power (W)
EBCPLP-10W	10.7	20-50	535-214	0.087	5.7
EBCPLP-13W	13.7	20-50	685-274	0.110	6.9

EBCP-LED Series System Coordination Guidelines

These guidelines were developed to allow the lighting system Designer/Specifier to predict the operating performance levels of LED luminaires when powered by an electrically compatible EBCPLP Series model. It is ultimately the responsibility of the Designer/Specifier to insure that the as installed system delivers code-compliant path of egress illumination.

1) Determine Electrical Compatibility

- A) Verify that the Luminaire LED Driver, where applicable, is Class 2 compliant.
- B) Verify that the Luminaire LED Lamp(s) have an operating voltage that's in the 20Vdc–50Vdc range
- C) Verify that the Luminaire LED Lamp(s) have a power rating equal to, or greater than, the emergency power rating of the EBCP-LED model under consideration.

Please refer to Table above.

2) Calculate Lumen Output During Emergency Operation

- A) Access luminaire data by logging onto Design Lites Consortium (www.designlights.org).
- B) Select "Search the DLC Qualified Product List" on the DLC homepage.
- C) Enter manufacturer name and P/N of luminaire under consideration in the "search by keyword" text window.
- D) Select "Search" tab to open the "Qualified Products List".
- E) Determine luminaire Lumens per Watt efficacy in "Rated Data" specifications.
- F) Multiply luminaire Lumens per Watt by Emergency Output of the EBCPLP model under consideration. *Please refer to Table above.* This figure is the Lumens available from the luminaire during emergency operation.

3) Determine Suitability of Means of Egress Lighting Levels

- A) Using industry standard lighting design software, along with IES files for the luminaire under consideration, verify that the as installed available Lumens (as calculated in 2F above) are sufficient to meet Code-compliant path of egress illumination levels.