

## SPECIFICATIONS

## POWER SUPPLY

### HOUSING

- LED Illuminated and remote mounted 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, on top, or in remote of the fixture (depending on model)
- When battery packs are remote mounted, the remote distance cannot exceed ½ of the distance from driver to LED load specified by the A.C. driver manufacturer. The maximum allowable remote mounting distance is 20 feet

### BATTERY

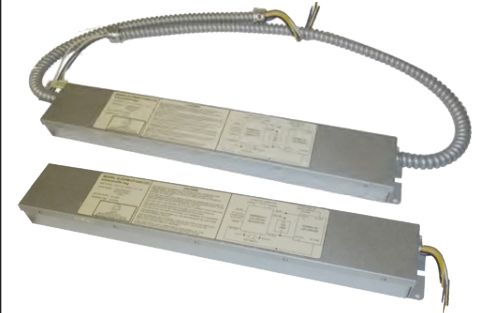
- Maintenance-free lithium iron phosphate Battery
- Provides 90 minutes of emergency operation
- Maximum recharge time: 24 hours

### 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 optional

### WARRANTY

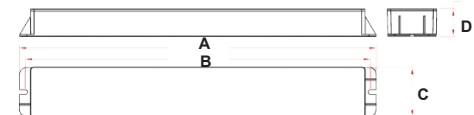
- 5 Year warranty



## EBCP-LED LED Emergency Ballast

## ORDERING INFORMATION

| CATALOG # | Description  |
|-----------|--|
| EBCP-5W   | 5W Battery Pack, 2' Flex Conduit for Remot Mounting    |
| EBCP-10W  | 10.7W Battery Pack, 2' Flex Conduit for Remot Mounting |
| EBCP-13W  | 13.7W Battery Pack, 2' Flex Conduit for Remot Mounting |
| EM5W-B    | 5W Battery Pack, for Internal Installation             |
| EM10W-B   | 10.7W Battery Pack, for Internal Installation          |
| EM13W-B   | 13.7W Battery Pack, for Internal Installation          |



| Model        | A                                 | B                                  | C                               | D                                |
|--------------|-----------------------------------|------------------------------------|---------------------------------|----------------------------------|
| EBCP-5W      | 10 <sup>7</sup> / <sub>16</sub> " | 9 <sup>13</sup> / <sub>16</sub> "  | 2 <sup>1</sup> / <sub>2</sub> " | 1 <sup>3</sup> / <sub>16</sub> " |
| EBCP-10W/13W | 13 <sup>9</sup> / <sub>16</sub> " | 12 <sup>15</sup> / <sub>16</sub> " | 2 <sup>1</sup> / <sub>2</sub> " | 1 <sup>3</sup> / <sub>16</sub> " |

## ELECTRICAL INFORMATION

| Catalog # | Output    |             |              | Input       |           |
|-----------|-----------|-------------|--------------|-------------|-----------|
|           | Power (W) | Voltage (V) | Current (mA) | Current (A) | Power (W) |
| EBCP-5W   | 5.0       | 20-50       | 250-100      | 0.061       | 3.9       |
| EBCP-10W  | 10.7      | 20-50       | 535-214      | 0.087       | 5.7       |
| EBCP-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 EBCP-LED 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](http://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 EBCP-LED 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.