



MODEL	OUTPUT OPERATING RANGE		OUTPUT POWER	
	VOLTAGE (Vdc)	CURRENT (mAdc)	(Watts)	(Lumens)
03-BLEDEM-CP-800	20-50	250-100	5.0	800
03-BLEDEM-CP-1200	20-50	390-156	7.8	1200
03-BLEDEM-CP-1600	20-50	535-214	10.7	1600
03-BLEDEM-CP-2000	20-50	685-274	13.7	2000
03-BLEDEM-CP-2400	20-50	850-340	17.0	2400

APPLICATIONS

Provides constant-current power output to the load during emergency mode operation. Used on Panels, Troffers, Strips, High Bays or LED Constant Power products. Designed to be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHEDLOAD.

FEATURES

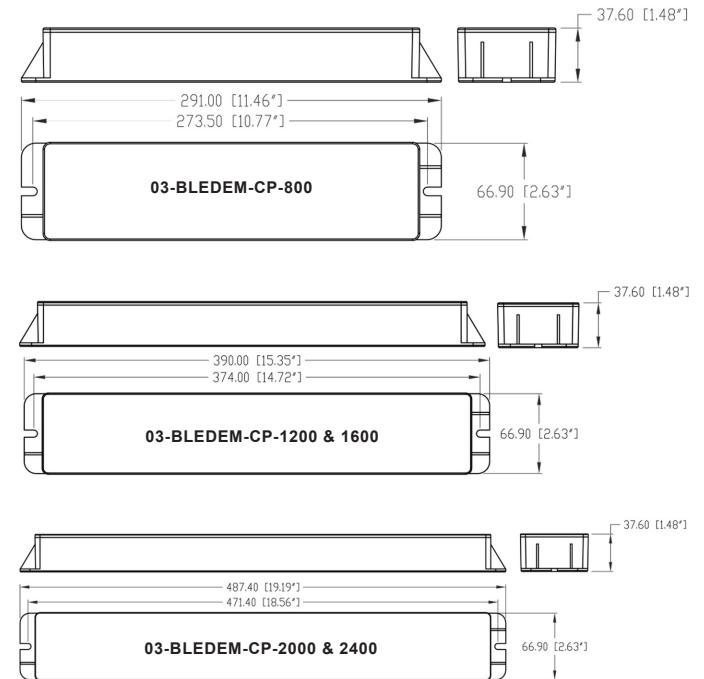
- Universal 120-277V, 50/60 Hz input.
- Charge/Power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- Long-life, maintenance free, rechargeable NiCad battery.
- Output short/over-current protection: Electronic limiting, with normal operation resuming upon removal of fault.

- 90 Minute minimum emergency operating time over full temperature range (other run times available upon request).
- Output classification: Class 2 Compliant.
- Surge protection: Per C62.41 (TVS).
- Input over-current protection: Fusible link.
- 24 Hour maximum battery recharge time.

MOUNTING

- Suitable for installation inside, on top, or in remote mount of the fixture.

DIMENSIONS



HOUSING

- LED illuminated and remote mounted test switch.
- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in a black finish.

WARRANTY/LISTING

- UL Classified for factory or field installation.
- Suitable for damp locations (0°C - 50°C).
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State codes.
- 5-Year Warranty on all electronics and housing.

03-BLEDEM-CP 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 03-BLEDEM-CP 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 between 20Vdc and 50Vdc.
- C) Verify that the Luminaire LED Lamp(s) have a power rating equal to, or greater than, the emergency power rating of the 03-BLEDEM-CP model under consideration.

Please refer to Table 1.

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 03-BLEDEM-CP model under consideration.

Please refer to Table 1.

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.

While the 03-BLEDEM-CP series has been found compliant with the requirements of UL Standard 924, it is ultimately the responsibility of the Designer/Specifier to assure the as-installed system delivers code-compliant path of egress illumination in accordance with Federal, State or local municipal requirements.

ELECTRICAL INFORMATION

MODEL	INPUT CURRENT (A)	INPUT POWER (W)
03-BLEDEM-CP-800	0.061	3.9
03-BLEDEM-CP-1200	0.065	4.8
03-BLEDEM-CP-1600	0.087	5.7
03-BLEDEM-CP-2000	0.110	6.9
03-BLEDEM-CP-2400	0.110	7.9