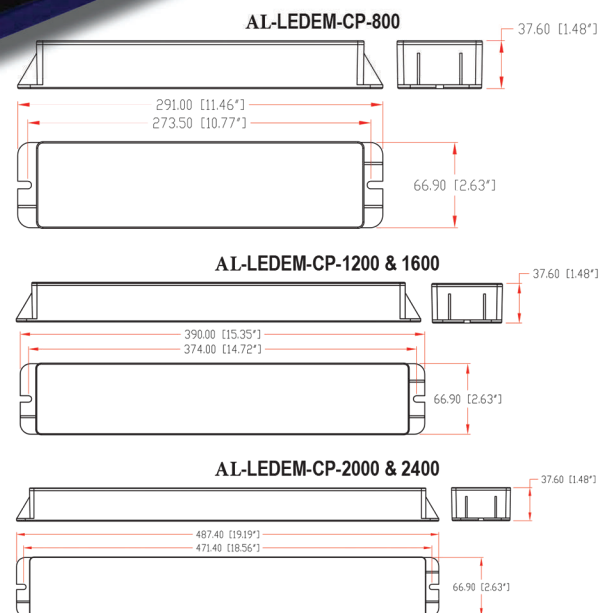


APPLICATIONS

Provides constant power output to the load during emergency mode operation. Designed to be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED-LOAD. Suitable for installation inside, on-top, or in remote mount of the fixture.

FEATURES

- UL Classified for factory or field installation
- LED illuminated and remote mounted test switch
- Output short/overcurrent protection
- Electronic limiting with normal operation resuming upon removal of fault
- Input overcurrent protection
- Surge protection
- UL Listed for damp locations
- 5 year warranty on all electronics and housings



ELECTRIC CHARACTERISTIC

MODEL	OUTPUT OPERATING RANGE		OUTPUT POWER	
	VOLTAGE (Vdc)	CURRENT (mAdc)	(Watts)	(Lumens)
AL-LEDEM-CP-800	20-50	250-100	5.0	800
AL-LEDEM-CP-1200	20-50	390-156	7.8	1250
AL-LEDEM-CP-1600	20-50	535-214	10.7	1700
AL-LEDEM-CP-2000	20-50	685-274	13.7	2200
AL-LEDEM-CP-2400	20-50	850-340	17.0	2700

LIGHTING UP THE WORLD
WITH ONE BULB AT A TIME!

ELECTRIC CHARACTERISTIC

AL-LEDEM-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 AL-LEDEM-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.

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

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 LEDEM-CP model under consideration.
- Please refer to Table 1.

TABLE 1	
MODEL	OUTPUT POWER (constant)
AL-LEDEM-CP-800	5.0 watts
AL-LEDEM-CP-1200	7.8 watts
AL-LEDEM-CP-1600	10.7 watts
AL-LEDEM-CP-2000	13.7 watts
AL-LEDEM-CP-2400	17.0 watts

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 AL-LEDEM-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 AL-LEDEM-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.