



# LALDR SERIES

Convert new or existing LED fixtures into Emergency lighting units Constant power emergency LED driver



TYPE \_\_\_\_\_

CATALOG # \_\_\_\_\_

\_\_\_\_\_

NOTES \_\_\_\_\_

\_\_\_\_\_

## FEATURES

### Housing

- High impact thermoplastic enclosure, 5VA flame retardant in black finish
- LED illuminated remote test switch

### Mounting

- Suitable for installation on top or remotely

### Lamp Types

- LED lamps with 20VDC to 50VDC operating voltage
- Can be wired for normally-on, normally off or switched loads
- Lumen output depends on LED light source efficacy (Lumens/watts)

### Electronics

- Universal 120/277, 50/60Hz input
- Provides 90 minutes of emergency operation
- Surge protection
- Output classification: Class 2 compliant
- Output and input overcurrent protection
- Constant power supply in emergency mode

### Battery

- Long-life maintenance free rechargeable Nickel-Cadmium battery
- 24 hour battery recharge time

### Approvals

- Damp Location Listed
- UL Classified for field or factory installation
- UL924 approved, NFPA 101 life safety code, NEC, and OSHA

### Warranty (subject to proper installation and maintenance)

- Five year full warranty
- Detailed warranty terms located at: [www.lightalarms.com](http://www.lightalarms.com)

## ELECTRICAL INFORMATION

MODEL	OUTPUT	INPUT
LALDR-5	5 Watts	3.9 Watts
LALDR-7	7 Watts	4.8 Watts
LALDR-11	11 Watts	5.7 Watts
LALDR-14	14 Watts	6.9 Watts
LALDR-17	17 Watts	7.9 Watts

## ORDERING FORMAT

MODEL	WATTAGE
LALDR-	5 7 11 14 17

EXAMPLE: LALDR-5

## SPECIFICATIONS

Supply and install Lightalarms® LALDR Series

The LALDR constant power supply LED driver shall be a single high impact thermoplastic enclosure including a long life maintenance free Nickel-Cadmium battery, battery charger and transfer circuit. The Unit shall be rated 120/277, 50/60 Hz and be UL924 listed.

The LALDR constant power supply LED driver is designed to operate normally-on, normally-off or switched loads for a minimum of 90 minutes and shall be capable of full recharge in 24 hours.

Every LALDR Series driver shall be fully warranted for five years, subject to proper installation and maintenance. UL listed to standard 924, complies with NEC, life safety code and OSHA requirements.

Shall be installed not more than 150 feet distance from fixture.

Unit shall be Lightalarms® catalog number \_\_\_\_\_.

## DIMENSIONS

Dimensions are approximate and subject to change.

MODEL	LENGTH	WIDTH	HEIGHT
LALDR-5	11.46"	2.63"	1.48"
LALDR-7	15.35"	2.63"	1.48"
LALDR-11	15.35"	2.63"	1.48"
LALDR-14	19.19"	2.63"	1.48"
LALDR-17	19.19"	2.63"	1.48"

## CALCULATE LUMEN OUTPUT DURING EMERGENCY OPERATION

- Lumen output = Efficacy (Lumen/watt) X Emergency LED Driver wattage
- In order to understand luminaire efficacy:
  - Access luminaire data by logging onto Design Lites Consortium [www.designlights.org](http://www.designlights.org)
  - Select "Search the DLC Qualified Product List" on the DLC homepage
  - Enter manufacturer name and P/N of luminaire under consideration in the "search by keyword" text window
  - Select "Search" tab to open the "Qualified Products List"
  - Determine luminaire Lumens per Watt efficacy in "Rated Data" specifications
  - Multiply luminaire Lumens per Watt by Emergency Output of the "LED Driver" model under consideration