



# CHICAGO CHB-2LED SERIES

Steel LED Battery Unit

TYPE \_\_\_\_\_  
 CATALOG # \_\_\_\_\_  
 \_\_\_\_\_  
 NOTES \_\_\_\_\_  
 \_\_\_\_\_

## FEATURES

### Housing

- Constructed of 20-gauge steel
- Cabinet offered in Mist white

### Mounting

- Knockouts on the back of unit for wall mount
- Side and top knockouts for conduit

### Heads

- Each unit comes with two adjustable 6V-5.3W LED heads
- Each unit provides 280 lumens

### Battery

- 6V Sealed Lead-Calcium, maintenance-free, rechargeable battery

### Options

- Optional 10W remote capacity available on the CCB-2LEDRC model

### Electronics

- Low voltage disconnect
- Dual voltage 120/277, 60Hz
- LED indicator light and push-to-test switch
- Automatic solid-state charger recharges battery in 24 hours
- A 2 hour run time in Emergency mode

### Approvals

- UL listed for Damp Location 68°F to 122°F (20°C to 50°C)
- Meets UL 924, NFPA 101 Life safety code, NEC, OSHA, local and state codes
- Meets City of Chicago requirements

### Warranty

- Three Year full warranty (subject to proper installation and maintenance)
- Detailed warranty terms located at: [www.lightalarms.com](http://www.lightalarms.com)

## POWER CONSUMPTION CHART

MODEL	AC SPECS	DC SPECS
CHB-2LED	120VAC, 60HZ, 0.08A	Lead-Calcium Minimum 120 minutes
CHB-2LED	277VAC, 60HZ, 0.04A	
CHB-2LED-RC	120VAC, 60HZ, 0.09A	
CHB-2LED-RC	277VAC, 60HZ, 0.05A	

## SPECIFICATIONS

Supply and install **Lightalarms® CHB-2LED** City of Chicago Approved Series.

The emergency lighting unit shall be a self-contained fixture including a sealed maintenance-free Lead-Calcium battery of 6V. The unit shall supply the rated wattage load for a minimum of 120 minutes to 87-1/2% of rated battery voltage. The unit shall be rated 120/277VAC, 60Hz and be UL 924 listed.

The unit charger shall utilize an integrated circuit which samples the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit protected and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit which will connect the battery when the AC circuit is activated, and an electronic brownout circuit which will activate the unit when utility power dips below 80-85% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load and circuitry from the battery when it reaches 87-1/2% of its nominal voltage. The unit shall be capable of full recharge in compliance with UL 924 specifications. The unit shall be furnished with a test switch and dual diagnostic LED indicator lights (hi-charge and AC pilot). The cabinet shall be 20 gauge steel with a front hinged panel. Unit shall have 1/2" conduit knock-outs, rear keyhole slots and universal knock-outs to mount to any standard 4" junction box with provision for mounting up to 2 heads on top of cabinet.

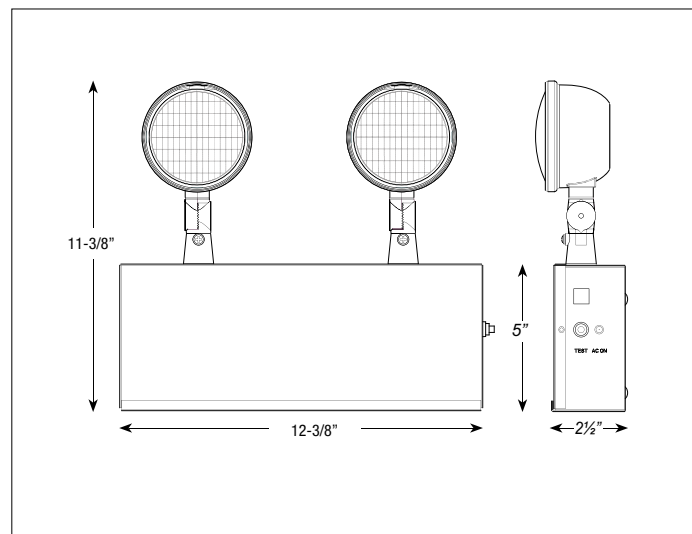
Unit shall be listed for Damp Location 68°F to 122°F (20°C to 50°C), meets UL924, NFPA101 Life Safety Code, NEC, OSHA, local and state codes and be Chicago City approved.

Every CHB Series unit shall be fully warranted for three years, subject to proper installation and maintenance.

The unit shall be **Lightalarms®** Model \_\_\_\_\_.

## DIMENSIONS

Dimensions are approximate and subject to change.



## ORDERING FORMAT

SERIES	LAMP	OPTION
CHB	-2LED= Double Steel Round LED	Blank= No Option RC= 6V-10W Remote Capacity <sup>1</sup>

<sup>1</sup> Compatible only with ELF612/LED remote. One double dedicated remote.

EXAMPLE: CHB-2LED