



Type No. \_\_\_\_\_

Job Name \_\_\_\_\_

Catalog No. \_\_\_\_\_



Shown: L650



# L6-L12

## Commercial Grade Emergency Lighting 6 Volt - 12 Volt Maintenance Free, Sealed Lead Calcium Battery

### Housing

- Constructed of impact resistant, UL 94 5 VA thermoplastic
- Off-White housing is standard
- Includes a low profile test switch and indicator lamp on the side of the unit

### Battery

- Maintenance free, sealed lead calcium battery has an expected service life of 5 years with an operating range of 65°F (19°C) to 85°F (30°C)\*
  - Battery supplies 90 minutes of emergency power
- \* Increases or decreases in temperature will affect battery performance and/or capacity. Optimum battery performance realized at 77°F (25°C)

### Illumination

- Illumination is provided by two fully adjustable polycarbonate 6 VDC or 12 VDC, 9 W Par 36 lamps
- High impact acrylic refractors minimize glare and maximize optic control

### Warranty

- Electronics: 3 years
- Battery: 1 year full, 4 years pro-rata

### Electrical Specifications

- 120 VAC - 60 Hz, 0.11 A
- 277 VAC - 60 Hz, 0.05 A

### Electronics

- 120/277 VAC dual voltage input with surge-protection
- Solid-state charging circuitry provides for reliable charging systems
- Brownout protection activates lights when AC voltage drops 20% below nominal
- AC indicator lamp and test switch
- Low voltage disconnect feature (LVD) prevents deep battery discharge

### Code Compliance

- UL 924 listed
- NFPA 101, NEC, BOCA, OSHA, and IBC illumination standards

### Application

- School Hallways, Lunch Rooms
- Hotel, Retail and General Commercial Construction

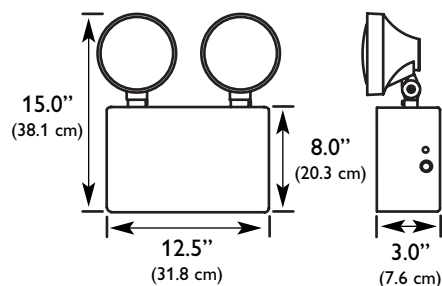
## Ordering Information

CATALOG#	WATTS FOR 1½ hrs.	DC VOLTAGE	TOTAL CONNECTED & REMOTE LAMP HEADS		
			4 hrs.	2 hrs.	1½ hrs.
L650	50	6	2	3	5
L6100	100	6	4	7	11
L1250	50	12	2	3	5
L12100	100	12	4	7	11

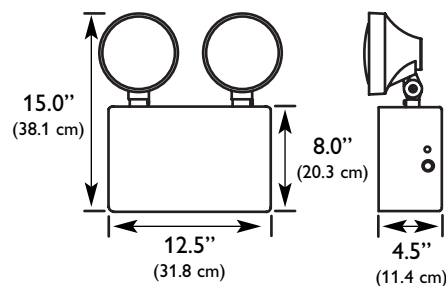
\*Based on system operating 9 W lamps

## Dimensions

### 50 W units



### 100 W units



Dimensions are approximate and subject to change.

## Suggested Specification

Furnish and install LightGuard's commercial grade emergency lighting model \_\_\_\_\_. The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and must be installed to conform to Article 700 of the National Electrical Code (NEC).

**INSTALLATION AND OPERATION** - Unit shall be easily field connected to a 120 or 277 VAC, 60 Hz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. Upon utility power failure or brownout, the unit shall automatically provide emergency battery power and maintain the stated illumination level and output wattage for a minimum period of 90 minutes. Upon restoration of utility power, the charging circuitry shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

**CHARGING CIRCUITRY** - Unit shall utilize a solid-state, fully automatic, voltage regulated charging system which will maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: low voltage disconnect (LVD), brownout protection and AC lockout.

**BATTERY** - The battery shall be maintenance free, sealed lead calcium with an optimum operating temperature range of 65°F (19°C) to 85°F (30°C). All normal gassing shall be contained within the battery casing, and will not escape into the atmosphere. Gasses created during recharge cycles will recombine with existing electrolyte. The battery shall have a recommended service life of 5 years when operated at optimum operating temperature.

**ILLUMINATION** - Illumination shall be provided by two fully adjustable 6 VDC, 9 W Par36 style lamp heads.

**HOUSING** - The housing shall be constructed of corrosion resistant, UL 94 V-0, 5 VA thermoplastic, including a low profile test switch and indicator lamp on the side of the unit.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



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