



# LZ Series

DESIGNER EMERGENCY LIGHT

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

## FEATURES

- Standard 3 Watt LED lamps
- UV stable thermoplastic housing
- White finish standard
- Snap-together design
- Mounts to electrical boxes up to 4" square
- Remote capacity available in models up to 30 Watts
- Maintenance-free, premium grade lead-acid battery
- Low-voltage battery disconnect



## SPECIFICATIONS

### APPLICATION

- The LZ Series is an indoor emergency lighting unit with 10 - 30W capacity utilizing a sealed lead-calcium battery in 6 VDC
- Supplied standard with two LED MR16 lamps
- High-output LED based MR16 lamps provide increased spacing, additional run-time and/ or increased remote capacity
- The integrated lamp design offers greater protection from vandalism

### CONSTRUCTION

- Available in two housing sizes, one for standard capacity models (LZ2, LZ15) and increased depth for higher capacity models
- Made from UV stabilized thermoplastic with a snap-together design in white or black finish
- Includes test switch and AC-ON indicator

### INSTALLATION

- Unit mounts to 3½", 4" octagon or 4" square boxes. Back-plate provides a universal knockout pattern for mounting to outlet box
- Keyholes provided for securing housing to wall surface
- LZ2 and LZ15 can be ceiling mounted
- All AC connections made inside unit housing

### ILLUMINATION

- The LZ Series provides illumination with two LED MR16 lamps positioned inside an adjustable "eyeball" style housing

### COMPLIANCES

- UL 924 Listed
- NFPA 70
- NFPA 101
- ADA compliant (LZ standard models only)
- U.S. Patent Nos. D400,991, D419,708, D400,995, 6,280,042 and 6,019,477

### WARRANTY

- **Fixture:** 3 Years Full, 5 Years Full with Spectron
- **Battery:** Lead-Acid Models - 2 Years Full, 3 Years Pro Rata
- Lifetime LED Warranty

KEY DATA	
Lumens per head	248
Wattage	4
Efficacy Range (LPW)	135.5
Rated LED Lifecycle (Hours)	< 100,000



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## ORDERING GUIDE

Example: LZ30I-03L

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

LZ	Model	Capacity	Battery Type	Rating	Output Voltage	Self Diagnostics	Options	Lamps
	LZ Emergency Light	2 10 Watts 15 15 Watts 30 30 Watts	Blank Lead Calcium	Blank Standard Model	Blank 6 Volt	Blank None I Spectron® Self-test/Self-diagnostic Electronics <sup>1</sup>	B Black finish <sup>2</sup>	03L 3W LED lamps

### Accessories (Order Separately)

WGLZ 6¼" H x 14" L x 4" D



- Notes:
- 1 Only available in LZ30I-03L and must be loaded to at least 15 watts using local and remote heads
  - 2 Only available in LZ2B-03L

## ADDITIONAL PRODUCT INFORMATION

### STANDARD FEATURES:

- External push-to-test switch and AC-ON indicator
- Low voltage disconnect
- Transformer isolation
- Temperature compensated charger circuitry
- LED MR16 lamp with rated 50,000 hour life
- Standard 120/277VAC, 60Hz.
- Weight is 4-12 lbs. depending on capacity

### OPTIONAL FEATURES:

- Spectron® self-test/self-diagnostic circuitry monitors lamp status, lamp load transfer circuitry and battery capacity; displays any fault detected via a flashing code. Automatically runs periodic diagnostic routines to ensure unit readiness. Multicolor LED indicates fault condition and charging status.

### OPERATING TEMPERATURE RANGE:

Standard models: 20°C to 30°C (68°F to 86°F)

Power consumption for LZ2 and LZ15

Maximum: 4.0W, 120VAC or 277VAC Normal: 1.3W, 120VAC or 277VAC

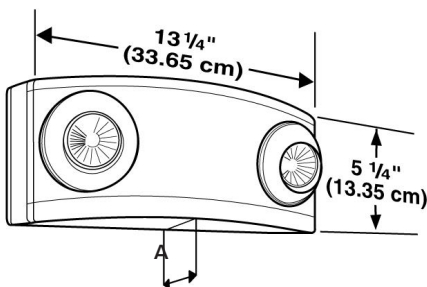
### POWER CONSUMPTION FOR LZ30

	Lead-Acid Battery 6 Volt
Maximum	14W
Normal	1.8W

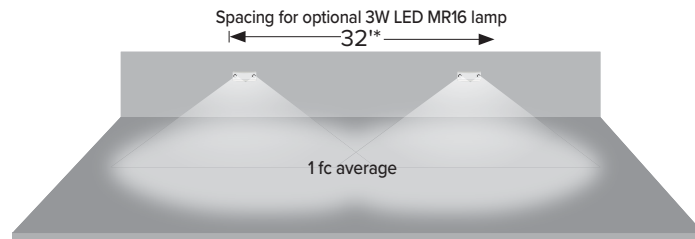
	Voltage	Battery	Lamp	Capacity	Runtime	Extended Runtime	Remote Watts	Number of Remotes: 5W HAL	Number of Remotes: 10W HAL	Number of Remotes: 3W LED	
Standard	LZ2-03L	6VDC	Lead Calcium	3W LED	10 watts	90 min.	Yes	0	0	0	
	LZ2B-03L										
	LZ15-03L	6VDC	Lead Calcium	3W LED	15 watts	90 min.	Yes	9	1	0	3
	LZ30-03L	6VDC	Lead Calcium	3W LED	30 watts	90 min.	Yes	24	4	2	8
	LZ30I-03L										

## DIMENSIONS

A  
 Standard size (LZ2, LZ15) depth is 3.625" (9.2cm).  
 LZ30 model depths are 5.125" (13cm).



## APPLICATION DATA



Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes open space with no obstructions, mounting height of 7.5', ceiling height of 9' and reflectances of 80/50/20 on a 3' path. Photometry files available on the Dual-Lite web site.  
 \* Due to limitations in aiming