



LZ Series

Designer Emergency Lighting Unit

Catalog Number	
Comments	Type

FEATURES

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 halogen MR16 lamps. High-output LED based MR16 option provides increased spacing, additional run-time and/or increased remote capacity. Matching remote heads are also offered. 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 halogen MR16 lamps positioned inside an adjustable "eyeball" style housing. Optional lamps for greater light output include 10W MR16 and maximum coverage high-output LED based MR16.

Compliances

UL 924 Listed (optional damp location 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
 Ni-Cad Models - 2 Years Full, 8 Years Pro Rata
 Lifetime LED Warranty



Standard Size



30 Watt Capacity with deep housing



Optional black finish

LZR remote heads
(sold separately)



ORDERING GUIDE

LZ

Model	Capacity	Battery Type	Rating	Output Volts	Self-Diagnostics	Options
LZ	2 10 Watts 15 15 Watts 25 25 Watts 30 30 Watts	Blank Lead-Calcium	Blank Standard Model D Damp Location Listing ^{4, 5}	Blank 6 Volts	Blank None I Spectron® Self-test/ Self-diagnostic Electronics ²	Blank 5W Halogen lamps 10W 10W Halogen lamps ¹ 03L 3W LED Lamps ³ B Black finish V Voltmeter 0 Unit supplied without lampheads ⁶ 24K 220-240VAC, 60 Hz operation A21 Aux. 2-conductor, line cord, 120VAC only ⁷ A31 Auxiliary 3-conductor line cord, 120VAC only ⁸

¹ Available on units with capacities of 20 watts or more

² Must order with damp location listing on LZ2 model

³ Not available with LZ21 and LZ151 Spectron® equipped unit

⁴ Not available with -03L (LED) option

⁵ Only available with LZ2 or LZ25

⁶ Available with LZ30 model only

⁷ Available on LZ2 only

⁸ Available on all models except LZ2

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	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	6VDC	Lead Calcium	5W HAL	10 watts	90 min.	No	0	0	0
	LZ15	6VDC	Lead Calcium	5W HAL	15 watts	90 min.	Yes	5	1	1
	LZ30	6VDC	Lead Calcium	5W HAL	30 watts	90 min.	Yes	20	4	6
DAMP	LZ2D	6VDC	Lead Calcium	5W HAL	10 watts	90 min.	No	0	0	-
	LZ25D	6VDC	Lead Calcium	5W HAL	25 watts	90 min.	Yes	15	3	-
LED	LZ2-03L	6VDC	Lead Calcium	3W LED	10 watts	90 min.	No	0	0	0
	LZ15-03L	6VDC	Lead Calcium	3W LED	15 watts	90 min.	Yes	9	1	3
	LZ30-03L	6VDC	Lead Calcium	3W LED	30 watts	90 min.	Yes	24	4	8

SPECIFICATIONS

Standard Features:

- External push-to-test switch and AC-ON indicator
- Low voltage disconnect
- Transformer isolation
- Temperature compensated charger circuitry
- MR16 Halogen lamp with rated 200 hour life
- Standard 120/277VAC, 60Hz.
- Optional 220/240VAC, 50/60Hz
- 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.
- LED MR16 lamps rated at 50,000 hour life expectancy
- Available without integral lamp heads for added run time or remote capacity operation.

Operating Temperature Range:

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

Damp location models: 10°C to 40°C (50°F to 104°F)

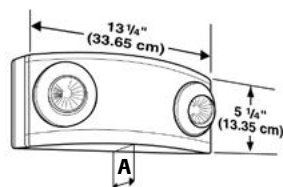
Power consumption for LZ2 and LZ15

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

Power consumption for LZ30

	Lead-Acid Battery	
	6 Volt	12 Volt
Maximum	14W	14.0W
Normal	1.8W	2.0W

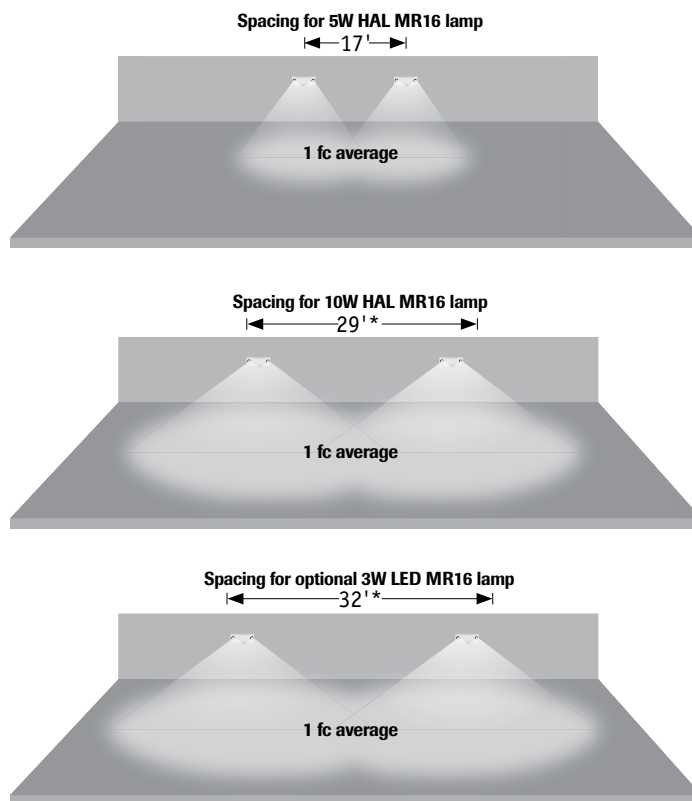
DIMENSIONS



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Standard size (LZ2, LZ15) depth is 3.625" (9.2cm).
LZ30 model depth is 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 (www.dual-lite.com).

* Due to limitations in aiming