

DUAL LITE

LZ Series

Architectural/commercial design, high-capacity emergency units with halogen lamps standard
Standard and damp location models.

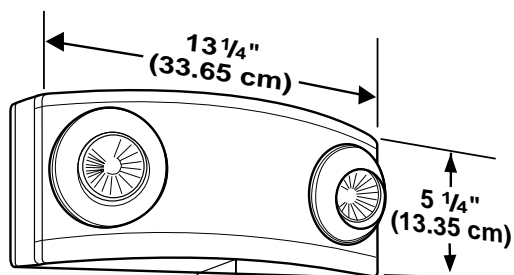


Patent Pending

Features

- Easy to install
- Capacities up to 65 watts
- 6- and 12-volt models
- Semi-recessed "eyeball" style lighting heads
- High-output halogen lamps provided standard
- UV-stable thermoplastic housing
- White or black finishes offered
- Snap-together design
- 120/277VAC, 60 Hz operation standard (220-240VAC, 60 Hz optional)
- Fully automatic, temperature-compensated charger
- Choice of maintenance-free battery types
- Models operate for 90 minutes
- Low-voltage battery disconnect and transformer isolation protection
- Test switch and LED AC-On indicator
- Optional Spectron® self-diagnostic/self-testing electronics
- Matching remote fixtures
- Operating Temperature Range
 - Standard models: 20° to 30°C (68°F to 86°F)
 - Damp location models: 10° to 40°C (50°F to 104°F)
- UL 924 Listed (Emergency Lighting)

Dimensions



3 5/8" (9.2cm) = LZ15, LZB15 models
5 1/8" (13cm) = all others



Also available in black finish

Matching Remote Fixtures



A complete line of 6- and 12-volt matching remote fixtures in single and tandem lamp configurations is available for use with LZ Series high-capacity units or any other 6- or 12-volt DC emergency lighting remote power sources.

All remote fixtures are offered in black and white textured finishes with a choice of 5- or 10-watt halogen lamps.

Dimensions

Single: 4 3/4" (12 cm) wide x 4 3/4" (12 cm) long x 3 1/2" (8.9 cm) high

Tandem: 4 3/4" (12 cm) wide x 9 1/2" (24 cm) long x 3 1/2" (8.9 cm) high



Hubbell Lighting, Inc.

Construction

Unit: Housing and back plate constructed of flame-rated, UV-stable ABS thermoplastic

Lamp Housings: Constructed of flame-rated, UV-stable, polycarbonate thermoplastic

Finish: Textured bright white or black

Illumination

Lamp Type: Halogen MR-16 package

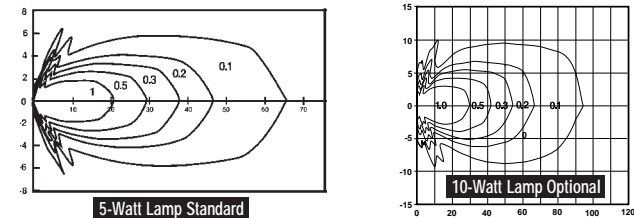
Lamp Voltage: 6- or 12-volts

Standard Lamp Wattage: 6W, 5W or 12W, 5W

Rated Lamp Life: 100 hours (all)

Photometrics

High-Output Halogen Lamp



Photometrics measured by independent testing laboratory

Installation

Unit Wall Mounting: Mounts through keyhole slots and hole in lower center of mounting plate (hardware not included)

Wiring: Pre-stripped transformer connection leads provided. All AC connections made inside unit housing. Fused distribution board provided for connection of remote lighting fixtures

Operating Temperature Range

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

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

Electronics

Input: 120/277VAC, 60 Hz (standard)

Built-in Protection: Transformer isolation and low-battery voltage disconnect

Charger:

Lead-Calcium - Solid-state, constant voltage, current limited type

Nickel-Cadmium - Solid-state, constant current type

All chargers temperature-compensated to increase battery life

Transfer: Electric relay

Distribution: Dual connection, independently fused terminal board

Battery Recharge Cycle: Per UL time standards

Test Means: Integral test switch

Indicators: LED AC-On indicator

Battery

Type - Depending on model (see Product Selector), Maintenance-free, lead-acid or nickel-cadmium

Power Consumption

	Lead-Acid		Nickel-Cadmium	
	6 volt	12 volt	6 volt	12 volt
Maximum	13.9W	14.0W	10.7W	11.2W
Normal	1.8W	2.0W	8.4W	8.1W

Compliances

UL 924 and NFPA-101 (all models)

UL Damp Location Listed (Damp location designated models only)

Warranty

Lead-acid models: Unit: 1 year full, Battery: 1 year full, 5 years pro-rata

Nickel-cadmium models: Unit: 3 years full, Battery: 1 year full, 9 years pro-rata

Product Selectors

Standard Models	Voltage	Battery Type	Maximum Wattage			
			1 1/2 Hours	2 Hours	3 Hours	4 Hours
LZ15	6	Lead-Calcium	15	11	8	6
LZ30	6	Lead-Calcium	30	24	15	12
LZ35-12V	12	Lead-Calcium	35	26	18	14
LZ65	6	Lead-Calcium	65	49	33	26
LZ65-12V	12	Lead-Calcium	65	49	33	26
LZ20N	6	Nickel-Cadmium	20	15	10	8
LZ25N-12V	12	Nickel-Cadmium	25	19	13	10

Damp Location Models	Voltage	Battery Type	Maximum Wattage			
			1 1/2 Hours	2 Hours	3 Hours	4 Hours
LZ25D	6	Lead-Acid	25	19	13	10
LZ30D-12V	12	Lead-Acid	30	24	15	12
LZ55D	6	Lead-Acid	55	42	28	22
LZ55D-12V	12	Lead-Acid	55	42	28	22
LZ15ND	6	Nickel-Cadmium	15	11	8	6
LZ20ND-12V	12	Nickel-Cadmium	20	15	10	8

Options and Accessory Items			
Option Descriptions	Add Suffix To Model No.	Accessory Descriptions	Order Separately
Spectron self-diagnostic / self-testing electronics	I	Wire guard	WGEL
		Vandal resistant shield	VRS
Black Finish	-B	Indoor/outdoor head - White (6V, 5W)	OMSSW0605
Voltmeter	-V	Indoor/outdoor head - Black (6V, 5W)	OMSSB0605
10-watt halogen lamps ⁽¹⁾	-10W	Indoor/outdoor head - White (12V, 5W)	OMSSW1205
Zero head option	-0	Indoor/outdoor head - Black (12V, 5W)	OMSSB1205
220-240 50/60 Hz operation	-24K	<i>See below for matching remote lighting heads</i>	
Auxiliary line cord (120V only)	-A31		

⁽¹⁾ Available on units with capacities of 20 watts or more for 90 minutes.

Matching Remote Lighting Heads

White		Black		Voltage	Wattage
Single	Tandem	Single	Tandem		
LZRSW0605	LZRDW0605	LZRSB0605	LZRDB0605	6	5
LZRSW0610	LZRDW0610	LZRSB0610	LZRDB0610	6	10
LZRSW1205	LZRDW1205	LZRSB1205	LZRDB1205	12	5
LZRSW1210	LZRDW1210	LZRSB1210	LZRDB1210	12	10

Suggested Specifications

Unit housing construction will be flame-rated, UV-stable ABS thermoplastic in textured (white) (black) finish. Lamp housings shall be constructed of flame-rated, UV-stable polycarbonate in matching finish. Unit design will allow universal 120/277VAC, 60 Hz operation standard. Total unit output capacity shall be ___ watts. Emergency illumination will be provided by (zero)(two) integral and ___ remote (6-volt)(12-volt),(5-watt)(10-watt) halogen lighting heads. Lamps shall be capable of providing 1 footcandle of illumination at ___ feet. Units shall be designed to mount directly to wall surfaces through keyhole knockouts in back plate. A knockout pattern shall be provided in the unit back plate for mounting to single gang utility boxes. Emergency components will include a solid-state (constant voltage, current limited)(constant current) type battery charger, a (6-volt)(12-volt) maintenance-free (lead-acid)(nickel-cadmium) battery, an AC-On LED indicator light and a test switch. The unit charger will be capable of recharging the battery within acceptable UL time standards. Emergency operation must be provided for a minimum of ___ hours. Connections for remote lighting fixtures shall be fused. Units must comply with all UL 924, (UL Damp Location) and NFPA 101 Life Safety Code requirements. Dimensions to be 5 1/4" (13.35 cm) high x 13 1/4" (33.65 cm) wide by 3 5/8" (9.2 cm) [5 1/8" (13 cm)] deep.

Optional equipment will include: _____