

FEATURES & SPECIFICATIONS

INTENDED USE — Suitable for Class I, Division 2, Groups A, B, C and D; Zone 2, Groups IIA, IIB + H₂ and IIC; and Class II, Division 2, Groups F and G.

CONSTRUCTION — Impact-resistant, fiberglass-reinforced polyester housing. Gray with stainless steel hardware and clear polycarbonate cover. Includes one-piece formed gasket and corrosion-resistant hardware. Standard internal or external mounting feet provide installation flexibility.

Non-diffuse LEDs provide maximum face illumination.

OPTICS — The typical life of the exit LED lamp is 10 years.

ELECTRICAL — Dual-voltage 120/277 VAC input with surge-protection standard for AC and emergency operation.

Emergency operation: All components located within exit housing.

Indicator light on face of housing signals AC utility present.

AC lockout feature prevents battery drain prior to initial energizing of utility power.

Low-voltage disconnect (LVD) feature disconnects battery prior to unacceptable deep discharge, but not before required 90-minute emergency operation.

Brownout protection circuitry automatically switches unit into emergency mode if utility voltage drops below 85% of nominal.

Battery charging circuitry entirely solid-state. Constant current design. Battery recharge time after full discharge less than required UL 924 standard.

Battery: Sealed, maintenance-free nickel-cadmium battery standard. 90-minute emergency operation.

Diagnostics: Self-diagnostic option conducts automatic and manual tests, indicating real-time status of lamp, battery and charger via tri-color indicator lamps. Automatic tests include systems analysis every 10 seconds, with actual load tests performed for one-minute duration every 30 days, and for 30-minute duration on the sixth and twelfth month. Manual tests include one-minute or 90-minute battery discharge and lamp illumination tests.

INSTALLATION — Wall mount only (optional mounting feet included).

LISTINGS — UL Listed. Meets UL 924 and 844 illumination standards. UL Listed for use in Class I and II, Division 2 hazardous location areas. NFPA 101, NEC, OSHA and IBC illumination standards. Temperature class rating 160°C (T-Code T3C) or for Class I, Zone 2 rating is 200°C (T-Code T3).

WARRANTY — 3-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25°C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

Class I & II, Division 2

LZ

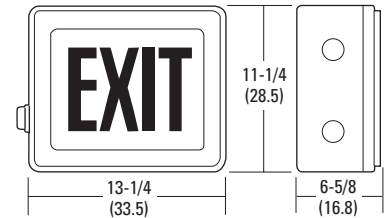
HAZARDOUS LOCATION
LED EXITS



3/4" conduit entry hub

Specifications

Width:	13-1/4 (33.5)
Height:	11-1/4 (28.5)
Depth:	6-5/8 (16.8)
Shipping weight:	
Non-emergency:	12 lbs (5 kgs)
Emergency:	20 lbs (9 kgs)



All dimensions are inches (centimeters) unless otherwise noted.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LZ S 1 R EL N SD

LZ	S		1				
Series	Face type	Housing color	No. of faces	LED color	Input voltage	Operation	Options
LZ LED hazardous	S	(blank) Gray	1	R Red G Green	(blank) 120/277 dual voltage	(blank) Non-emergency EL N Nickel-cadmium battery	SD Self-diagnostics ¹ SDA Self-diagnostics with alarm ¹

Notes

1 Only available with EL N operation.

LZ Hazardous Location LED Exits

SPECIFICATIONS

ELECTRICAL				
Primary Circuit				
	Typical LED life ¹	Supply voltage	Max. amps	Max. watts
Red & Green LED AC only	10 years	120	.032	3.7
		277	.014	3.4
Red & Green LED Emergency	10 years	120	.048	4.4
		277	.023	4.0

BATTERY				
Nickel-Cadmium				
Voltage	Shelf life ²	Typical life ²	Maintenance ³	Optimum temperture ⁴
6	3 years	7-9 years	none	65°-85° F (19° - 30° C)

Notes:

- 1 Based on continuous operation. The typical life of the exit LED lamp is 10 years.
- 2 At 77°F (25°C).
- 3 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.
- 4 Optimum ambient temperature range where unit will provide capacity for 30 to 90 minutes. Higher and lower temperatures affect life and capacity.

DIMENSIONS

All dimensions are in inches (centimeters).

Shipping weight: Non-emergency operation - 12 lbs. (5 kgs.)
Emergency operation - 20 lbs. (9 kgs.)

