

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring attractive die-cast aluminum signage, superior illumination and low energy consumption.

CONSTRUCTION — Precision-molded, die-cast aluminum construction — ultra-slim, compact housing. Fine-grain brushed aluminum faceplate with matte black electrostatic polymeric trim. Clear lacquer finish on brushed face inhibits fingerprints and other surface contaminants.

Battery and electronics located inside housing.

Fully overlapping light seal prevents light leaks. Universal directional chevron knockouts are completely concealed and easily removed. Hinged faceplate and spring latches for easy lamp compartment access.

Letters 6" high with 3/4" stroke, with 100 ft viewing distance rating, based upon UL924 standards.

U.S. Patent No. 5,739,639, 5,954,423 and 6,502,044. Canada Patent No. 2,204,218. Other patents pending.

OPTICS — Lamp is constructed using new LED technology. Provides perfectly uniform illumination to meet 3/4" letter stroke required by code.

The typical life of the exit LED lamp is 10 years, based on continuous operation. Unique LED lamp platform accommodates both single-face and double-face exits.

Low energy consumption — red exit consumes 1.3W (120V), green exit consumes 1.5W (120V).

ELECTRICAL — Solid-state electronic elements to eliminate risk of electromechanical failures.

Surge protection meets ANSI/IEEE C62.41 category B and IEC 1000 immunity standards for high voltage surges, electrostatic discharges, high frequency electrical fast transients and line voltage dips/swells.

Battery: Sealed, maintenance-free nickel-cadmium battery delivers 90 minutes capacity to lamp.

Diagnostics (SD option only): Two-state constant-current charger maximizes battery life and automatically recharges after battery discharge.

Low voltage disconnect prevents excessive deep discharge that can permanently damage the battery.

Single-point microcomputer control for all electronic features.

Crystal oscillator timing system with watchdog protection for precision accuracy.

AC/LVD reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Brownout protection is automatically switched to emergency mode when supply voltage drops below 80% of nominal.

Single multi-chromatic LED indicator to display two-state charging, test activation and three-state diagnostic status.

Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection.

Self-diagnostic testing for five minutes every 30 days and 30 minutes every six months.

Catalog Number
Notes
Type

Die-Cast Aluminum Exits

LE EL N

LED Lamps Emergency



Diagnostic evaluation of LED light source, AC to DC transfer, charging and battery condition.

Continuously monitors AC functionality.

INSTALLATION — Universal mounting (top, end or back). Double face available with top or end mounting only (canopy included). Completely concealed, easily removable mounting knockouts. No exposed hardware.

Die-cast aluminum canopy provided.

LISTINGS — UL Listed. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards, and State of Minnesota energy-efficiency legislation requiring less than 20W consumption. North Carolina Department of Insurance. NEMA Premium certified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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

Note: Specifications subject to change without notice.

ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: LE S 1 R 120/277 EL N VR

LE					120/277	EL N	
Family	Face type	Housing color	Number of faces	Letter color	Input voltage	Emergency operation	Options
LE LED, surface mount	S Stencil P Panel ¹	(blank) Brushed aluminum	1 Single face	R Red	120/277 Dual voltage	EL N Nickel-cadmium battery	TP Two tamperproof Torx-head screws VR Vandal-resistant shield (1/8" thick polycarbonate) ² FA Flashing emergency operation and intermittent audible alarm (one flash per minute) ^{2,3} FI Fire alarm flashing interface ^{3,4} SD Self-diagnostics DL UL listed for damp location
		BZ Dark bronze	2 Double face	G Green			
		W White					
		B Matte black					

Accessories: Order as separate catalog number.	
ELA US12	12" stem kit ⁵
ELA WG1	Back-mount wireguard ⁶
ELA WGEXT	Top-mount wireguard ⁶
ELA WGEXE	End-mount wireguard ⁶
ELA LEHO 120/277 N	Remote-capable exit with black canopy; provides 90 minutes of 11.1W capacity for remote head ^{7,8}

Notes

- Panel face available for special wording only.
- VR contains tamper-proof screws.
- Choice of FA or FI. Not available with more than one.
- Only available with SD option.
- See spec sheet [ELA-StemKits](#).
- See spec sheet [ELA-WG](#).
- See spec sheet [ELA-ERK-LEHO](#).
- Add W for white canopy.