

## 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 and canopy compartment.

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.

**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 2.8W (120V).

**ELECTRICAL** — Single-point microcomputer control for all electronic features.

Crystal oscillator timing system with watchdog protection for precision accuracy.

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

Battery: Sealed, maintenance-free nickel-cadmium battery delivers 60 minutes capacity to lamp.

Two-state constant-current charger maximizes battery life and automatically recharges after battery discharge.

Diagnostics: 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.

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

**U.S. Patent No. 5,887,968. Canada Patent No. 2,204,218.**

**INSTALLATION** — Universal mounting (top, end or back). Completely concealed, easily removed mounting knockouts. No exposed hardware. Canopy required for back mounting.

Die-cast aluminum canopy provided.

**LISTINGS** — Listed and labeled to comply with Canadian Standards C-860 and C-22.2 No. 141 (see Options). NEMA Premium certified.

**WARRANTY** — 3-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx)

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

Note: Specifications subject to change without notice.

Catalog Number
Notes
Type

*Signature*  
Die-Cast Aluminum Exits

# LE EL N SD CSA



Canadian Standards  
LED Lamps  
Emergency with Self-Diagnostics



### ORDERING INFORMATION

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

**Example:** LE S 1 R 120 EL N SD VR CSA

LE	S	Housing color		Number of faces		R	Input voltage		EL N SD		Options		CSA
Family	Face type	(blank)	Brushed aluminum	1	Single face	Letter color	120	120V	Emergency operation	TP	Two tamperproof Torx-head screws	CSA	CSA
LE LED, surface mount	S Stencil	W White	White	2	Double face	R Red	347	347V	EL N SD Nickel-cadmium battery with self-diagnostics	VR	Vandal-resistant shield (1/8" thick polycarbonate)	CSA	Listed and labeled to comply with Canadian Standards

# LE-EL-N-SD Self-Diagnostic Emergency LED, Signature®

## SPECIFICATIONS

ELECTRICAL					
Primary Circuit					
Type	Typical LED life <sup>1</sup>	Supply voltage	No. of faces	Input watts	Max. amps
Red	10 years	120	1 or 2	2.8	.03
Red	10 years	347	1 or 2	2.9	.01

BATTERY			
Sealed Nickel-Cadmium			
Shelf life <sup>2</sup>	Typical life <sup>2</sup>	Maintenance <sup>3</sup>	Optimum temperature <sup>4</sup>
3 years	7 – 9 years	none	32° - 100°F (0° - 38°C)

### Notes

- Based on continuous operation. The typical life of the exit LED lamp is 10 years.
- At 77°F (25°C).
- 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.
- Optimum ambient temperature range where unit will provide capacity for 60 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.

## SELF-DIAGNOSTICS

- Five-minute test every 30 days
- 30-minute test every six months
- Diagnostics evaluate the battery, lamp, charger and AC to DC transfer.

Condition	Indication
Normal mode	Steady green
Self-testing	Flashing green
Emergency mode	Off
Hi-charge	Steady red
Battery failure	Single-flash red
Lamp failure	Double-flash red
Circuit failure	Triple-flash red

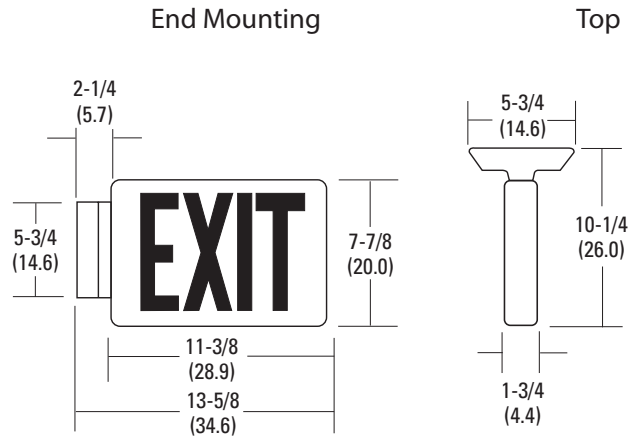
## KEY FEATURES



The typical life of the exit LED lamp is 10 years

## MOUNTING

All dimensions are in inches (centimeters). Canopy required for back mounting.  
Shipping weight: 8 lbs. (3.6 kgs.)



## Back Mounting

