

DUAL LITE

# LES Series

Architectural AC-only edge-lit exit signs featuring elegant styling, easy installation and energy saving, long-life LED lamps



Models are available for ceiling, wall or end mounting.



### Available color finishes

- Satin Aluminum
- Chrome
- Satin Brass
- Black
- White
- Bronze

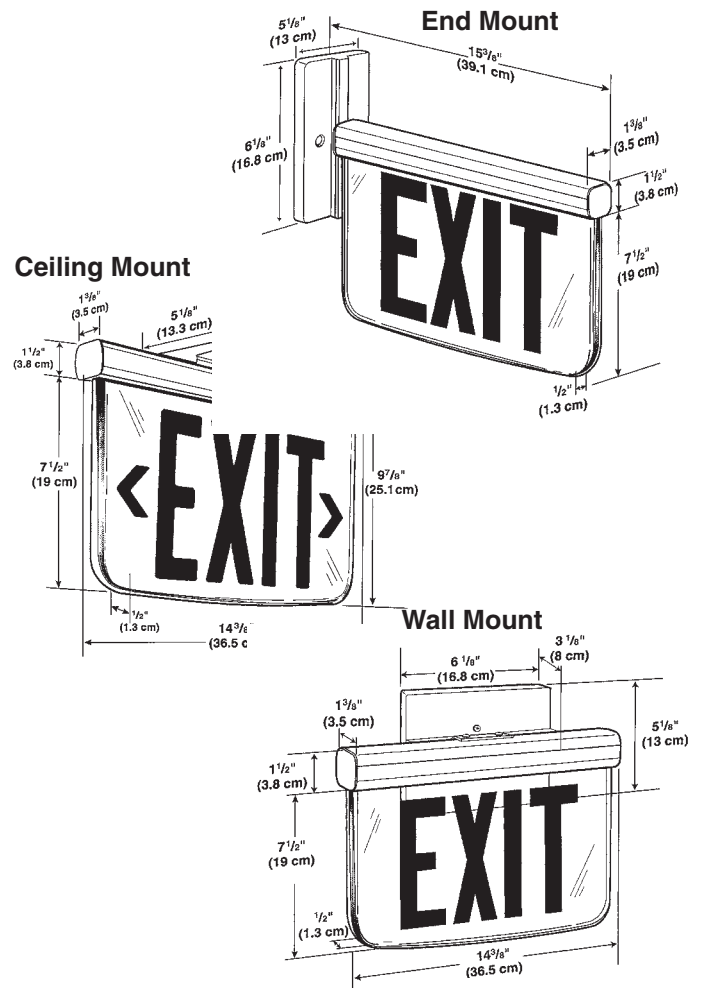
Patent Pending

Liteforms<sup>®</sup>  
Collection

## Features

- Easy to install
- Water-clear, molded acrylic exit plaque
- Dual plaque design provided on single and double face models
- Contoured, high-style design
- Red and green letter models
- Plaques available with clear, white or mirror background
- Bright, even letter illumination
- Custom-printed chevron directional arrows
- Energy-saving operation
- Long-life LED lamps provide over 20 years of service
- Ceiling, wall or end mounting models
- Extruded aluminum lamp housing offered in six finish options
- Operating Temperature Range: 20°C to 30°C (68°F to 86°F)
- 120/277 VAC, 60 Hz operation

## Dimensions



Hubbell Lighting, Inc.

### Construction

**Plaques:** Water-clear, injection-molded acrylic. Dual plaque assembly supplied on single and double face models

**Lamp Housing:** LED lamp housing constructed of high-strength extruded aluminum available in satin aluminum, white, chrome, black, satin brass and dark bronze finishes

**Canopy:** Mounting canopy constructed of cast aluminum. White models are supplied with matching white mounting canopies. All other models are supplied with black mounting canopies

### Exit Face Design

**Letters:** 6-inch letters, 3/4" stroke

**Directional Arrows:** Custom-printed chevron type

**Diffuser Finish:** Frequency-matched silkscreened coating provides optimized, true-color LED light output

#### Standard Plaque Backgrounds:

- Single face models = clear
- Double face models = mirror

See "Options" for alternate background colors.

### Illumination

**Red Letter Models:** 12 high-output red LEDs (per face)

**Green Letter Models:** 8 high-output green LEDs (per face)

**Rated Lamp Life:** In excess of 20 years

**Lumen Output:** 1.5 times 1998 UL requirements

**Illumination Uniformity:** 10 times 1998 UL requirements

### Installation

**Mounting:** All signs install to standard electrical boxes up to 4" square by means of a universal adaptor plate and the unit mounting canopy assembly.

**Wiring:** Electrical connection to color-coded leads by means of installer-provided wire nuts or other approved connectors.

### Electronics

**Input:** 120/277VAC, 60 Hz (all models)

### Operating Temperature Range

20°C to 30°C (68°F to 86°F)

### Power Consumption\*

	Single Face	Double Face
Red Letter Models (120/277V)	2.2 watts	3.4 watts
Green Letter Models (120/277V)	2.5 watts	4.0 watts

\* Wattage figures include LED lamps, electronics power requirements

### Warranty

**LED Illumination Strip:** Lifetime

**Unit:** 5 years full

### Product Selector

Note: Boxes 1 through 6 must be specified on all models.

LES 1 2 3 4 5 6 7

#### 1 Mounting

Description	Specify
Ceiling	C
Wall	W
End mount	E

#### 2 Faces

Description	Specify
Single	S
Double	D

#### 3 Letters

Description	Specify
Red	R
Green	G

#### 4 Directional Indicators

Description	Specify
No arrows EXIT	X
Right arrow* EXIT>	R
Left arrow* <EXIT	L
Double arrows <EXIT>	D
LR arrows**	C
<EXIT/EXIT>	

Not for use with double face models. Use "C", L/R arrow designator. \*\* Double face models only. Provides reversible right or left arrow indicator.

#### 5 Trim/Housing Finish

Description	Specify
Satin aluminum	N
White *	W
Chrome	C
Black	B
Satin Brass	S
Dark bronze	Z

Neutral white finish provides suitable base for field repainting to match custom decors.

#### 6 Operation

Description	Specify
AC Only	A

#### 7 Options

Description	Specify
White plaque background	-W
Mirror plaque background <sup>(1)</sup>	-M
8 inch letter plaque <sup>(2)(3)</sup>	-8L

(1) For use with single face models only.

Standard on double face models

(2) LE models with 8" plaques registered under NYC-BEC Calendar Number 42135 for use in New York City

(3) Single face signs with 8" plaque options are supplied without backgrounds. Double face signs with 8" plaque options are supplied with mirror backgrounds.

Example:

**LESCSRLNA-W**

Represents an LES ceiling mounted exit. Single face, red letter plaque provides left directional arrow indicator. Unit LED lamp housing has satin aluminum finish.

Optional equipment consists of a white plaque background.

### Suggested Specification

LED lamp housing will be constructed of high-strength aluminum extrusions in (satin aluminum) (white) (black) (satin brass) (bronze) (chrome) finish. Exit face will provide 6"-high letters with 3/4" stroke and custom-printed chevron type directional arrows. Exit sign design will allow universal I 20/277VAC, 60 Hz operation. Normal AC illumination will be provided by (12 red) (8 green) high-output LEDs per face consuming less than ( ) watts at 120 or 277VAC. Normal LED lamp life will be in excess of 20 years. Exit letters will provide 1.5 times the lumen output and 10 times the illumination uniformity required by UL specifications. Exits will be (single face)(double face). Front and rear exit plaques will be supplied in all models [with an internal pocket for holding (white) (mirror) background material]. All necessary components for (wall)(ceiling)(end) mounting applications will be supplied. Exit assemblies will be designed to mount to standard electrical boxes up to 4" square by means of a universal adaptor plate and (white) (black) canopy assembly secured by two captive screws. Optional equipment will include:\_\_\_\_\_.