

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

# LES Series

SURFACE-MOUNT EDGE-LIT LED EXIT SIGN

## FEATURES

- Easy to install
- AC and Emergency operation
- Long-life LED lamps
- Ceiling, wall or end mounted models for surface installations
- Extruded aluminum construction
- Available in six color finishes: white, black, satin aluminum, satin brass, chrome, and dark bronze
- Molded acrylic plaque
- Clear acrylic plaque standard
- Optional: White plaque background
- Optional: Mirror plaque background
- Optional: Special Wording
- Temperature Range: 20°C - 30°C (68°F - 86°F)
- UL 924 Listed
- NFPA 101 (Life Safety Code)
- NFPA 70 (National Electrical Code)



Ceiling Mount



Ceiling Mount Emergency



Wall Mount



Wall Mount Emergency



End Mount



End Mount Emergency

## RELATED PRODUCTS

[LE Series - Edge Lit Architectural Exit sign](#)

[LZ Series - Emergency Light](#)

## SPECIFICATIONS

### APPLICATION

- The LES Series provides bright, even letter illumination in an energy-saving LED edge-lit exit sign configuration.
- AC or Emergency operation with optional Spectron® Self-test/self-diagnostic circuitry
- Special Wording ("SW") option allows customizing the stencil field to convey important information

### CONSTRUCTION

- Water-clear injection-molded acrylic EXIT plaque is available with clear, white or mirror backgrounds
- High strength extruded aluminum trim available in six finishes
- Exit face design in single or double face with red or green letters
- Custom printed directional chevron arrows
- Standard EXIT stencil with 6" letters and 3/4" stroke

### INSTALLATION

- Mounts to standard electrical boxes up to 4" square via universal adaptor plate and mounting canopy assembly
- All mounting hardware is fully concealed

### ILLUMINATION

- Exit face illumination is provided by energy saving, long life red or green LEDs
- Exceeds UL 924 requirements for brightness and uniformity

### COMPLIANCES

- UL 924 Listed
- NFPA 70
- NFPA 101
- CEC T20 Compliant

### WARRANTY

- 5 year warranty
- Battery: 2 years full, 8 years pro-rata
- See [HLI Standard Warranty](#) for additional information

KEY DATA	
Wattage Range	2.2-4.0W
Reported Life (Hours)	60,000
Input Current Range	120/277VAC, 60 Hz

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## ORDERING GUIDE

Example: LESWDRDNA-W

CATALOG #

LES									
Model	Mounting		Faces	Letter Color	Directional Arrows	Finish	Operation	Self-Diagnostic	Options
LES Edge-lit AC Exit	<b>C</b>	Ceiling Mount	<b>S</b> Single	<b>R</b> Red	<b>X</b> No Arrows EXIT	<b>N</b> Satin Aluminum	<b>A</b> AC Only	<b>Blank</b> None	<b>SW</b> See available special wording choices on page 4 <sup>3,4</sup>
	<b>W</b>	Wall Mount	<b>D</b> Double*	<b>G</b> Green	<b>R</b> Right Arrow* EXIT>	<b>W</b> White	<b>E</b> Emergency	<b>I</b> Spectron® self-testing/self-diagnostic electronics <sup>1</sup>	<b>W</b> White plaque background
	<b>E</b>	End Mount	*Not for use with wall mounted models		<b>L</b> Left Arrow* <EXIT	<b>C</b> Chrome			<b>M</b> Mirror-plaque background <sup>2</sup>
					<b>D</b> Double Arrows <EXIT>	<b>B</b> Black			
					<b>C</b> L/R Arrows** <Exit/Exit>	<b>S</b> Satin Brass			
						<b>Z</b> Dark Bronze			
					* Not for use with double face models. Use "C" L/R arrow designator				
					** Double face models only. Provides reversible right or left arrow indicator				

Notes:

- 1 For use with emergency models only
- 2 For use with single face models only. Standard on double face models.
- 3 Specify special wording code from page 3 when ordering. Example: SW41
- 4 Some special wording signs not available with directional arrows

## ELECTRONICS

Available with AC, emergency and Spectron® self-test/self-diagnostic electronics option. Emergency and self-diagnostic models equipped with isolation transformer and fully automatic constant current solid state charger with sealed maintenance-free nickel-cadmium battery. All emergency models with 90-minute run-time. All components mounted inside housing. Includes test switch and AC-on indicator. Transient/surge protection, low voltage disconnect and AC lock-out features included. Battery recharge within UL time standards. Includes pre-stripped AC input pigtail leads.

**Power Factor, Average:** .8 (lagging)  
**Battery Type:** Maintenance-free sealed nickel cadmium battery  
**AC Input:** 120/277VAC, 60 Hz.  
**Operating Temperature Range:** 20°C to 30°C (68°F to 86°F)

## POWER CONSUMPTION (120/277VAC)

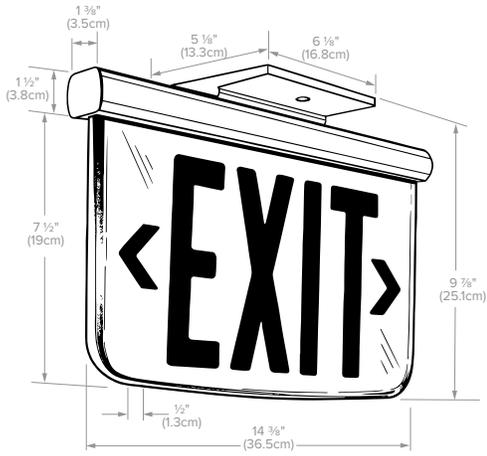
Model	Single Face	Double Face
Red AC Only	2.2 watts	3.4 watts
Green AC Only	2.5 watts	4.0 watts
Red Emergency	3.3 watts	4.5 watts
Green Emergency	3.6 watts	5.0 watts

\* Wattage figures include LED lamps, transformer and electronics power requirements.

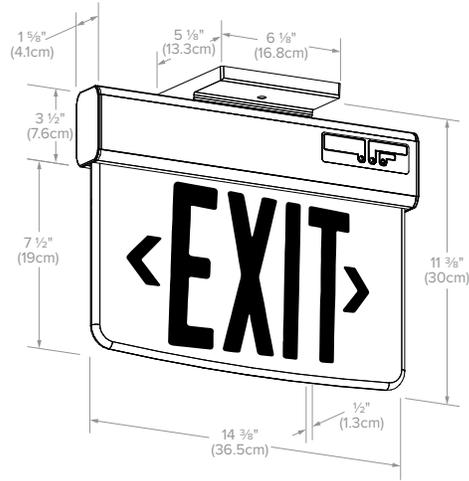
# LES Series

SURFACE-MOUNT EDGE-LIT LED EXIT SIGN

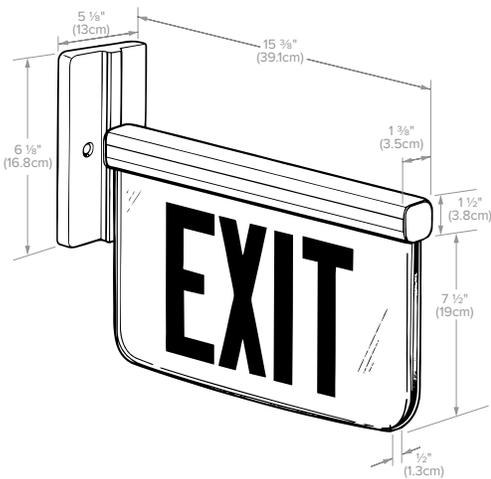
## DIMENSIONS



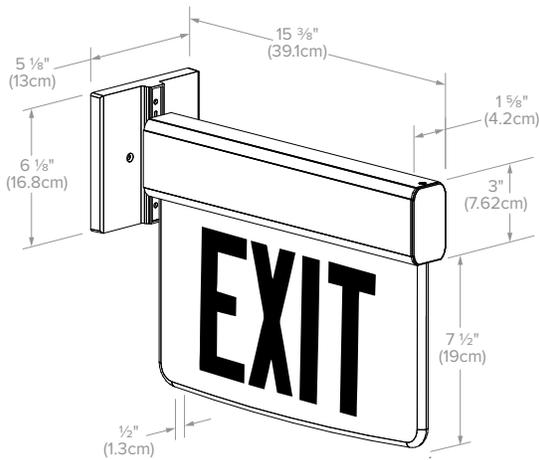
Ceiling Mount



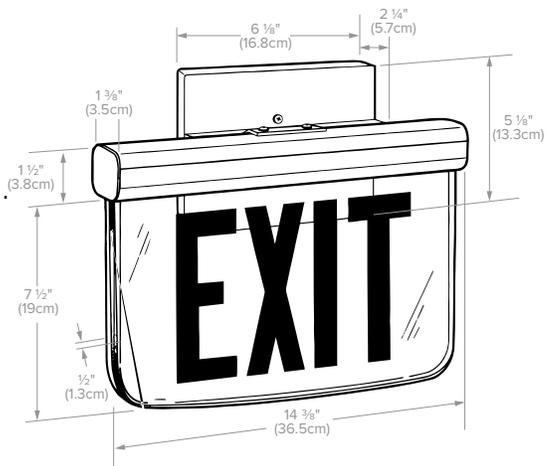
Emergency Ceiling Mount



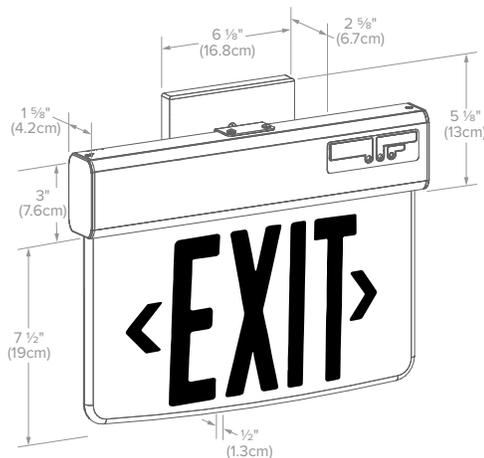
End Mount



Emergency End Mount



Wall Mount



Emergency Wall Mount

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## SPECIAL WORDING

LES Series architectural surface-mounted LED edge-lit exit signs feature an option for standard or custom special-wording. The images below represent standard special-worded signs available for the LES Series. The artwork and silk-screening for the standard signs shown below were previously developed therefore pricing for these special-worded signs do not incur a setup charge.

If your special-worded requirements do not appear on this page, please contact the factory to request your custom special-wording sign. Custom special wording signs incur a one time set-up charge for each development.

### STANDARD SPECIAL WORDING SIGNS WITH DIRECTIONAL ARROWS



SW118



SW41 (Arabic/Exit)



SW13



SW10



SW69



SW11

### STANDARD SPECIAL WORDING SIGNS WITHOUT DIRECTIONAL ARROWS



SW4



SW3



SW31



SW2

### STANDARD SPECIAL WORDING SIGNS

Category	Special Wording Number	Description
EXIT	SW 2	NOT AN EXIT
	SW 142	EXIT (TEXT IS INVERTED)
	SW 144	EXIT (W/ WHEELCHAIR SYMBOL)
DO NOT ENTER	SW 3	IN USE
EVACUATION	SW 10	AREA OF REFUGE
	SW 11	AREA OF REFUGE WITH WHEELCHAIR SYMBOL
	SW 13	AREA OF RESCUE ASSISTANCE WITH WHEELCHAIR SYMBOL
	SW 48	STAIRS
	SW 117	TO AREA/OF REFUGE
	SW 149	AREA OF RESCUE
LABORATORY	SW 4	X-RAY IN USE
	SW 21	BEAM ON
	SW 28	MRI IN USE
	SW 31	LASER IN USE
	SW 62	RADIATION IN USE
	SW 57	CT IN USE
	SW 166	TESTING IN PROGRESS
	SW 30	ROOM IN USE
RESTROOM/FACILITIES	SW 118	HANDICAPPED (SYMBOL ONLY)
	SW 167	RESTROOM OCCUPIED
	SW 168	ELEVATOR
	SW 169	MEN (NO ARROWS/CHEVRONS)
	SW 170	WOMEN (NO ARROWS/CHEVRONS)
INTERNATIONAL EXITS	SW 41	ARABIC/ EXIT
	SW 69	SALIDA
	SW 165	SALIDA (INVERTED TEXT)
AREA/ALERTS	SW 9	ON AIR
	SW 178	EMERGENCY CALL STATION



Special Wording Option example

NOTE: Special worded signs do not meet letter size requirements of UL 924.