

FEATURES & SPECIFICATIONS

INTENDED USE — Suitable for architectural applications where aesthetics and superior performance are required.

CONSTRUCTION — High-polish, injection-molded virgin acrylic panel, ultrasonically welded to eliminate visible hardware. Graduated depth of molded letters provides uniform light distribution on graphics. Standard housing finish is brushed aluminum.

Precision-molded, textured letters — 6" high with 3/4" stroke, with 100 ft viewing distance rating, based upon UL924 standard. Chevron indicator direction must be specified.

Recessed rough-in section constructed of 20-gauge, die-formed galvanized steel. Extruded aluminum housing trim mounts flush onto wall or ceiling.

ELECTRICAL — Sealed, maintenance-free nickel cadmium battery delivers 90 minutes capacity to lamp. Constant-current series charger, 24-hour recharge after 90-minute discharge.

Polarized battery connector simplifies installation and maintenance; prevents charger damage due to improper connection.

OPTICS — LEDs mounted on printed circuit board. The typical life of the exit LED lamp is 10 years.

Low energy consumption — only 2.3W for 120V single-face red sign; 1.7W for 120V single-face green sign.

INSTALLATION — Recessed mount — rough-in section for back, ceiling or end mounting. Fits into minimum wall or ceiling opening 13-5/8" L x 4-1/2" W x 3-1/8" D.

Adjustable T-bar hangers adapt mounting tray for mounting in suspended ceilings or variable-size framed openings. Trim ring has 3/4" variable depth adjustment to ensure flush fit against surface of wall or ceiling.

Plug-in wire connections and self-captive mounting screws for mounting panel/trim to rough-in section.

LISTINGS — UL listed. Non-IC recessed mounting. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards, and State of Minnesota requirements for less than 20W energy consumption. NEMA Premium certified.

WARRANTY — 5-year limited warranty, including lamps. 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



PRECISE[®]
COLLECTION

Edge-Lit Exits

LRP EL N

LED LAMPS EMERGENCY



ORDERING INFORMATION

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

Example: LRP 1 RMR LA 120/277 EL N

LRP Family	Housing color	Number of faces	Letters/background	Directional indicators ¹	120/277 Input voltage
LRP LED	(blank) Brushed aluminum W White B Black BZ Bronze BS Polished brass U Unfinished	1 Single face 2 Double face	RW Red on white RC Red on clear (single face only) RMR Red on mirror (simulates clear background for double-face exits) GW Green on white GC Green on clear (single face only) GMR Green on mirror (simulates clear background for double-face exits)	(blank) None LA Left ² RA Right ² LRA Left and right DA Double face ³	120/277 Dual voltage

EL N Emergency operation	Mounting	Item type	Options ⁴
EL N Nickel cadmium battery	(blank) Ceiling or back mount EM Recessed end mount	(blank) Complete exit panel and rough-in section PNL Panel assembly only	FI Fire alarm interface ⁵ F Flashing emergency operation (one flash/second) ⁵ FA Flashing emergency operation and intermittent audible alarm

Accessories^{4,6}: Order as separate items.

ELA R LRIS 120/277 EL N	Single-face, red LED emergency rough-in section
ELA G LRIS 120/277 EL N	Single-face, green LED emergency rough-in section
ELA R 2LRIS 120/277 EL N	Double-face, red LED emergency rough-in section
ELA G 2LRIS 120/277 EL N	Double-face, green LED emergency rough-in section

Notes

- See chart on back for more information.
- Only available with single face.
- Only available with double face.
- When ordering rough-in separately, all options must be included with rough-in nomenclature. Example: ELA R LRIS 120/277 EL N FA.
- Choice of F or FI. Not available with both.
- Rough-in supplied standard with exit unless PNL suffix is specified. Order separately only if needed for early installation.

SPECIFICATIONS

ELECTRICAL					
Primary Circuit					
Type	Typical LED life ¹	Supply voltage	Number of faces	Input watts	Max. amps
Red	10 years	120	1	2.3	.093
		277	1	2.7	.095
Red	10 years	120	2	3.2	.084
		277	2	3.9	.094
Green	10 years	120	1	1.7	.07
		277	1	1.9	.07
Green	10 years	120	2	3.7	.14
		277	2	3.8	.14

BATTERY			
Sealed Nickel-Cadmium			
Shelf life ²	Typical life ²	Maintenance ³	Optimum temperature ⁴
3 yrs.	7–9 yrs.	none	32°–100°F (0°–38°C)

Notes

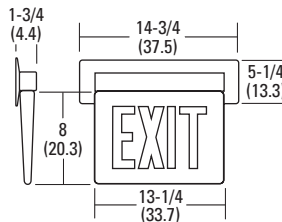
- Based on continuous operation. The typical life of the exit LED lamp is 10 years.
- At 77°F (25°C).
- All life safety equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. 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 90 minutes. Higher and lower temperatures affect life and capacity. Consult factory for detailed information.

MOUNTING

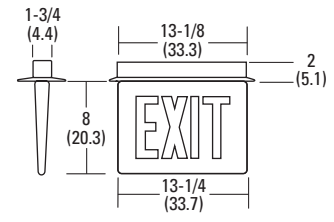
All dimensions are in inches (centimeters).

Shipping weight for panel: 5 lbs. (2.3 kgs.)

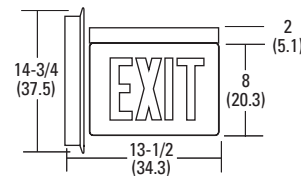
Shipping weight for rough-in section: 5.8 lbs. (2.6 kgs.)



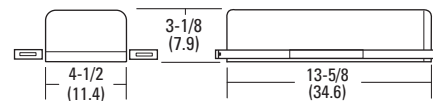
Back Mount



Ceiling Mount



End Mount

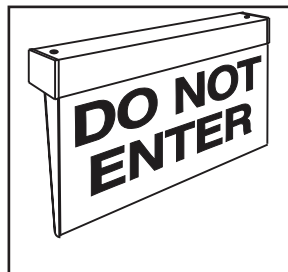


Rough-In Section

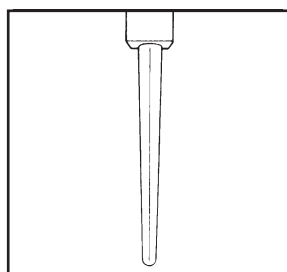
Directional Indicators

Specification (add to catalog number)	Graphics	
	Back	Front
LA		
RA		
LRA (single face)		
DA		
LRA (double face)		

KEY FEATURES



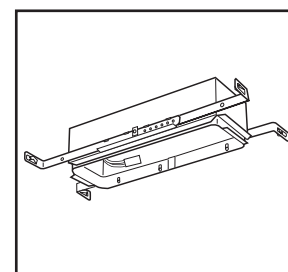
Silk-screening process allows customized text and/or graphics.



Unique wedge-shaped panel design concentrates light for uniform letter illumination.



Trim fits flush against wall or ceiling for clean, attractive appearance.



Small rough-in section.