

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.

Mounting canopy for top mount is constructed of extruded aluminum housing to match housing finish.

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

Low energy consumption — EL N operation: only 2.3W for 120V single-face red sign; 1.7W for 120V single-face green sign. Non-emergency operation: only 1.5W for 120V single-face red sign; 1.2W for 120V single-face green sign.

ELECTRICAL — Dual voltage input capability (120/277V).

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.

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.

Top Mount (TM) — low-profile mounting canopy attaches exit to J-box. No rough-in section required.

LISTINGS — UL listed. Non-IC recessed mounting. Meets UL 924, NFPA 101 (current Life Safety Code), NEC, FCC Title 47, Part 15, Subpart B and OSHA illumination standards, and State of Minnesota requirements for less than 20W energy consumption.

Catalog Number
Notes
Type

PRECISE
COLLECTION

Edge-Lit Exits

LRP

LED LAMPS



WARRANTY — 5-year limited warranty, including lamps. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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.

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 ²	Input voltage
LRP LED	(blank) Brushed aluminum W White B Black BZ Bronze BS Polished Brass ¹ U Unfinished	1 Single face 2 Double face	RW Red on white RC Red on clear (single face only) RMR Red on mirror (simulates mirrored background for double-face exits) GW Green on white GC Green on clear (single face only) GMR Green on mirror (simulates mirrored background for double-face exits)	(blank) None LA Left ³ RA Right ³ LRA Left and right DA Double face ⁴	120/277 Dual voltage

Emergency operation	Mounting	Item type	Options ⁷
(blank) AC only	(blank) Ceiling or back mount	(blank) Complete exit panel and rough-in section ⁷	FI Fire alarm interface ⁸
EL N Nickel cadmium battery	EM Recessed end mount	PNL Panel assembly only	F Flashing emergency operation (one flash/second) ^{9,9}
X2 Lamp boards wired on two separate circuits (specify 120V or 277V) ⁵	TM Top mount ⁶		

Accessories: Order as separate items.	
ELA R LRRIS 120/277 EL N	Single-face, red LED emergency rough-in section ^{7,10}
ELA G LRRIS 120/277 EL N	Single-face, green LED emergency rough-in section ^{7,10}
ELA R 2LRRIS 120/277 EL N	Double-face, red LED emergency rough-in section ^{7,10}
ELA G 2LRRIS 120/277 EL N	Double-face, green LED emergency rough-in section ^{7,10}
ELA LCRIS	LED rough-in section (supplied standard with recessed exit unless PNL suffix is specified; order ELA LCRIS only if needed for early installation). Available AC only with no options. ¹⁰
ELA LRIS 277 X2	LED rough-in section (supplied standard with recessed exit unless PNL suffix is specified; order ELA LRIS 277 X2 only if needed for early installation). ^{7,10}
ELA LRIS 120 X2	LED rough-in section (supplied standard with recessed exit unless PNL suffix is specified; order ELA LRIS 120 X2 only if needed for early installation). ^{7,10}
ELA US12	12" pendant-mount kit (Top mount exits only). Mounting canopy is brushed aluminum. To order white or black canopy, add W or B to catalog number. Example: ELA W US12. To order 24" or 36" lengths, add 24 or 36 to catalog number. Example: ELA US24. See spec sheet ELA-StemKits .

Notes

- Not available with EM option.
- See chart on back for more information.
- Only available with single face.
- Only available with double face.
- Not available with top mount exits (TM) or EL N operation.
- No Rough-In section required. Attaches directly to J-box. Only available with AC operation.
- When ordering recessed rough-in separately, all options must be included with rough-in nomenclature. Example: ELA LRRIS 277 X2 F.
- Choice of F or FI, not available with both. Not available with top mount exits.
- Must select EL N option.
- Rough-in supplied standard with exit unless PNL suffix is specified. Order separately only if needed for early installation.

SPECIFICATIONS

ELECTRICAL EMERGENCY					
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

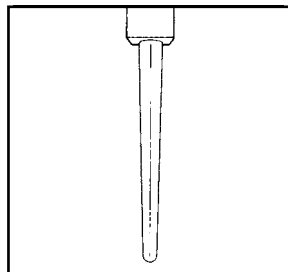
ELECTRICAL AC ONLY					
Primary Circuit					
Type	Typical LED life ¹	Supply voltage	Number of faces	Input watts	Max. amps
Red	10 years	120	1	1.5	.087
		277	1	1.8	.089
		347	1	2.2	.107
Red	10 years	120	2	3.1	.178
		277	2	4.1	.220
Green	10 years	120	1	1.2	.064
		277	1	1.3	.062
Green	10 years	120	2	2.0	.06
		277	2	2.3	.06

BATTERY			
Sealed Nickel-Cadmium (4.8V)			
Typical shelf life ²	Typical life ²	Maintenance ³	Temperature range ⁴
3 yrs.	7–9 yrs.	none	32°–100°F (0°–38°C)

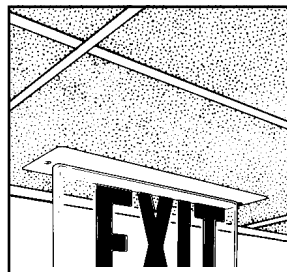
Notes

- 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.
- Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

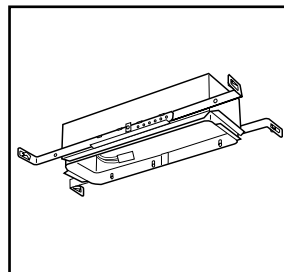
KEY FEATURES



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



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



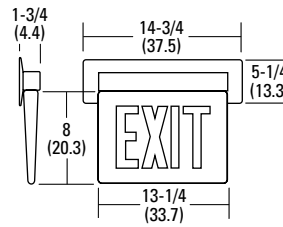
Small rough-in section.
Emergency operation: contains battery and charger board.
Non-emergency: rough-in section is empty.

MOUNTING

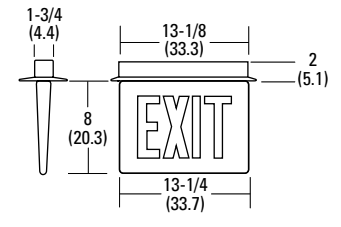
All dimensions are in inches (centimeters).

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

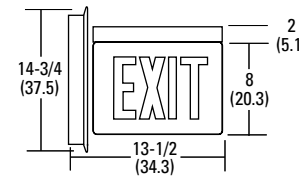
Shipping weight for rough-in section: 5.8 lbs. (2.6 kgs.)



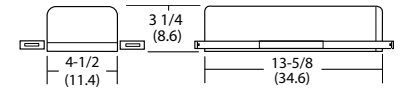
Back Mount (recessed)



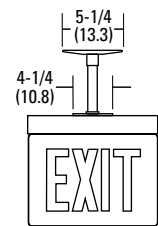
Ceiling Mount (recessed)



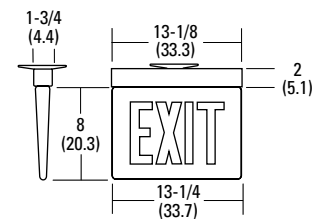
End Mount (recessed)



Rough-In Section



With Pendant Mounting kit (TM mounting only)



Top Mount (AC only operation)

Directional Indicators

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