

FEATURES & SPECIFICATIONS

INTENDED USE — Suitable for wet location (4X option), security/prisons and high-abuse applications.

CONSTRUCTION — The housing is .25" to .525" thick rugged, low-profile cast aluminum.

Clear, UV-stable polycarbonate cover is .130" thick to prevent cracking or breaking. Cover is secured with four stainless steel, Torx T20 tamper-resistant screws with center pin. Cover is secured with four stainless steel, phillips, head screws with the FPA option.

.1" thick polycarbonate faceplate incorporates universal directional chevron knockouts that are concealed and easily removed and replaced.

Universal mount (UM) option available — top, back, end mounting or conduit entry (canopy provided).

Letters 6" high with 3/4" stroke, with 100 ft viewing distance rating, based upon UL924 standards.

U.S. Patent No. 5,611,163 and D383,501.

OPTICS — Lamp is constructed using new LED technology. Provides perfectly uniform illumination.

The typical life of the exit LED lamp is 10 years. Single-face exit uses one LED lamp; double-face exit uses two LED lamps.

Low energy consumption — red lamp consumes 2.3W (120V); green lamp consumes 1.7W (120V).

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

INSTALLATION — Back mount standard for single face (no canopy), unless universal mount (UM) specified.

Conduit entry (1/2" - 14 UNC) included with universal mounting.

Cast-aluminum canopy attaches to 10-gauge steel mounting plate for top or end mounting (not required for back mounting).

Canopy mounting bracket provides 160 lbs. of mounting strength when mounted to suitable structure. Bracket will only fit a 2-gang junction box.

LISTINGS — UL Listed. 4X option is UL 924 wet location listed and UL listed to NEMA 4X ratings. NSF certified (FPA option). Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards, and State of Minnesota energy-efficient legislation requiring less than 20W consumption. Suitable for ambient temperatures 10°C (50°F) to 40°C (104°F). Meets all applicable FCC Title 47, Part 15, Subpart B requirements.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. 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

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.

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

EXTREME

All-Conditions Exits

LV



White on white
w/red letter color



Black on black
w/green letter color

LED LAMPS

NEMA 4X Rating Available



ORDERING INFORMATION

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

Example: LV S W 1 R 120/277

LV	S							
Series	Face type	Faceplate/housing color	Number of faces	Letter color	Input voltage	Mounting	Options	
LV	S Stencil	(blank) Black faceplate on black housing W White on white WB White on black BW Black on white AB Aluminum on black AW Aluminum on white	1 Single face 2 Double face ¹	R Red G Green	120/277 Dual voltage	(blank) Back mount ² UM Universal mount	(Blank) None FI Fire alarm flashing interface X2 Primary and secondary AC inputs provided ^{3,4} DL UL Listed for damp locations (10°C - 40°C) 4X UL Listed for NEMA 4X FPA Food protection area (National Sanitation Foundation Certified - splash zone) ⁵ BAA Buy America(n) Act Compliant	

Accessories: Order as separate catalog number.	
ELA TPS T20	Torx tamper-resistant bit for T20 center-pin screw
ELA VSA	Stem/Conduit mounting kit (see spec sheet ELA-VSA)

Notes

1. Available with universal mount only.
2. Back mount standard with single face unless UM is specified. Not available on double face.
3. UL Listed as emergency lighting equipment.
4. Must specify input voltage (120 or 277V). Not available dual voltage.
5. Torx tamper-resistant screws not included with FPA.

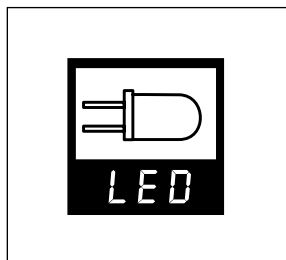
SPECIFICATIONS

ELECTRICAL					
Primary Circuit					
Type	Typical LED life ¹	Supply voltage	Number of lamps ²	Input watts	Max. amps
Red	10 years	120	1	2.3	.15
			2	4.6	.30
Red	10 years	277	1	2.2	.13
			2	4.4	.26
Red	10 years	347	1	1.12	.29
			2	3.16	.29
Green	10 years	120	1	1.7	.087
			2	2.8	.081
Green	10 years	277	1	1.9	.089
			2	3.3	.086

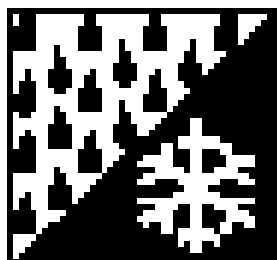
Notes

- 1 Based on continuous operation. The typical life of the exit LED lamp is 10 years.
- 2 Two-lamp version available with double-face only.

KEY FEATURES



The typical life of the exit LED lamp is 10 years.

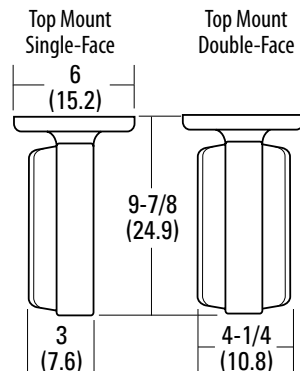
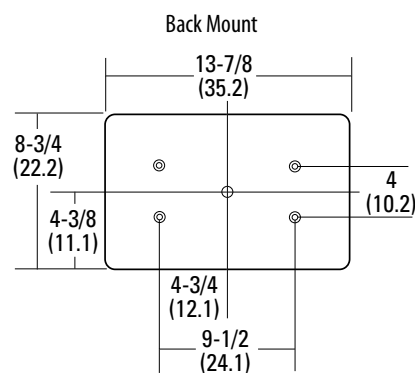
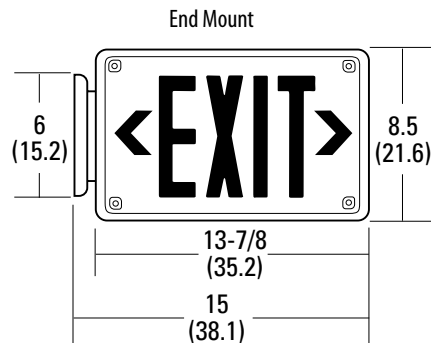


UL approved for damp or NEMA4X wet locations (see options). Cold weather — down to -40°C (LV EL N emergency only).

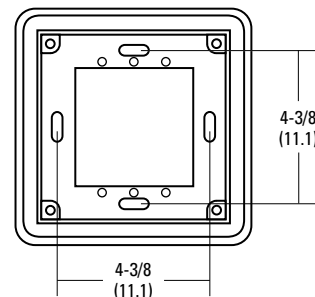
MOUNTING

All dimensions are in inches (centimeters).

Shipping weight: 11 lbs. (5 kgs.)



NEMA 4X Mounting Plate



Housing or canopy mounting bracket should be attached to mounting surface using suitable fastener for type of wall material. All four mounting hole positions should be used, and anchors or screws should have a minimum pullout rating of 160 lbs. Bracket will only fit a 2-gang junction box.