

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring attractive edge-lit exit signage. Meets city of Chicago requirements.

CONSTRUCTION — Extruded brushed aluminum or white housing/trim.

Letters are 6" high with 100 ft viewing distance rating based upon UL924 standard (meets UL924 requirements however models with the city of Chicago required full stroke arrow cannot bear any UL mark). Full 3/4" stroke arrow. City of Chicago approved.

OPTICS — White LED technology provides uniform illumination to meet city of Chicago requirements.

The typical life of the exit LED lamp is 5 years, based on 24/7 operation.

Low energy consumption; fewer than five watts.

ELECTRICAL — Dual voltage input capacity (120/277).

Battery (for EL option only): Sealed maintenance-free nickel-cadmium battery delivers 90 minutes capacity to lamp. Charger maximizes battery life and automatically recharges after battery discharge.

INSTALLATION — EDGC - Universal (top, end or back) surface mounting. Black canopy provided with brushed aluminum housing. White canopy provided with white housing.

EDGRC - Recessed mounting. Bar hanger and brackets provided for both new or restricted ceiling access installation applications. Back wall mount (WM) option.

No acrylic panel, housing only option available.

LISTINGS — UL damp location listed 32°F to 122°F (0°C to 50°C) standard. Meets UL 924 (meets the UL924 requirements however models with the Chicago required full stroke arrow cannot bear any UL mark), NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. Meets City of Chicago Code. EDGRC models are city of Chicago plenum approved.

WARRANTY — 5-year limited warranty (Battery is prorated). 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.

Catalog Number
Notes
Type



LED Edge-Lit Exits

EDGC



SPECIFICATIONS

	EDGC NAP	EDGC EL NAP	EDGC	EDGC EL
Length	12.9 (32.8)	12.9 (32.8)	12.9 (32.8)	12.9 (32.8)
Height	3.25 (8.3)	3.25 (8.3)	13.4 (34.0)	13.4 (34.0)
Width	1.8 (4.5)	1.8 (4.5)	4.5 (11.3)	4.5 (11.3)
Weight	2.2 lbs (.99 kg)	2.4 lbs (1.1 kg)	2.9 (1.3 kg)	3.2 (1.4)

	EDGRC NAP	EDGRC EL NAP	EDGRC	EDGRC EL
Length	15.7 (40)	15.7 (40)	15.7 (40)	15.7 (40)
Height	5.4 (13.7)	5.4 (13.7)	12.7 (32.1)	12.7 (32.1)
Width	4.1 (10.5)	4.1 (10.5)	4.1 (10.5)	4.1 (10.5)
Weight	3.6 lbs (1.6 kg)	4.8 lbs (2.1 kg)	5.6 lbs (2.5 kg)	6.1 lbs (2.7 kgs)

	EXIT and STAIR Panels
Length	12.7 (5.7)
Height	9.8 (4.4)
Width	.5 (1.2)
Weight	2 lbs (.9 kg)

All dimensions are inches (centimeters) unless otherwise noted.

Example: EDGC 1 RW CH3 EL

(break out as EDGC EL NAP and ELA EDGCH3)

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Family	Housing	Number of faces	Letter color
EDGC Surface mount LED edge-lit exit	(blank) Brushed aluminum	(blank) Not Required ¹	(blank) Not Required ¹
EDGRC Recess mount LED edge-lit exit	W White	1 Single face 2 Double face	RW Red on white background

Directional indicators ¹	Operation	Option
(blank) Not Required ¹	(blank) Standard non-emergency	(blank) Not Required ¹
<u>Single face:</u> ²	EL Emergency operation with nickel-cadmium battery	NAP No acrylic panel. Housing only ³ WM Recessed wall mount ⁴
CH3 EXIT with no arrow		
CH6 EXIT with right arrow		
CH9 EXIT with left arrow		
CH12 EXIT with double arrow		
CH2A STAIR with no arrow		
CH5A STAIR with right arrow		
CH8A STAIR with left arrow		
CH11A STAIR with double arrow		
<u>Double face:</u> ²		
CH18 EXIT with no arrow		
CH21 EXIT with right/left arrow		
CH24 EXIT with double arrow		
CH17A STAIR with no arrow		
CH20A STAIR with right/left arrow		
CH23A STAIR with double arrow		

Accessories next page.

Notes

- Use with NAP option only. EDGC & EDGRC use the same housing for single and double face panels. See accessories for panel offering. Panels can be ordered separately.
- Meets the UL924 requirements however models with the Chicago required full stroke arrow cannot bear any UL mark.
- See accessories for panel offering, orderable separately.
- Available on EDGRC single face only. When ordered with NAP option, panels ordered separately. i.e. EDGRC NAP WM or EDGRC EL NAP WM. See accessories for single face panel offering.

Accessories ² : Order as separate catalog number.			
Panel Offering Single Face:		Panel Offering Double Face:	
ELA EDGCH3	EXIT with no arrow	ELA EDGCH18	EXIT with no arrow
ELA EDGCH6	EXIT with right arrow	ELA EDGCH21	EXIT with right/left arrow
ELA EDGCH9	EXIT with left arrow	ELA EDGCH24	EXIT with double arrow
ELA EDGCH12	EXIT with double arrow	ELA EDGCH17A	STAIR with no arrow
ELA EDGCH2A	STAIR with no arrow	ELA EDGCH20A	STAIR with right/left arrow
ELA EDGCH5A	STAIR with right arrow	ELA EDGCH23A	STAIR with double arrow
ELA EDGCH8A	STAIR with left arrow		
ELA EDGCH11A	STAIR with double arrow		

SPECIFICATIONS

ELECTRICAL

Primary Circuit

Type	Typical LED life ²	Supply voltage	Input watts	Max. amps
EXIT/STAIR AC only	>5 years	120	5	0.10
		277	5	0.05
EXIT/STAIR emergency ¹	>5 years	120	5	0.10
		277	5	0.05

BATTERY

Sealed Nickel-Cadmium (EL option)

Typical shelf life ³	Typical life ³	Maintenance ⁴	Temperature range ⁵
3 years	6-8 years	none	32°–122°F (0°–50°C)

Notes

- LED lamps operate in normal (AC Input) and emergency (DC Input) modes.
- Based on 24/7 operation. Typical life of the exit LED lamp is 5 years.
- At 77°F (25°C).
- All life safety equipment, including emergency lighting path of egress, must be maintained, serviced and tested in accordance with all National Fire Protection Association 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.

Directional Indicators (Exit)

Specification (add to catalog number)	Graphics	
	Back	Front
CH3 (no arrows)		
CH6 (right arrow)		
CH9 (left arrow)		
CH12 (single face, left and right arrow)		
CH18 (double face, no arrows)		
CH21 (double face, one arrow on each side)		
CH24 (double face, two arrows on each side)		

*Models with the city of Chicago required full stroke arrow cannot bear any UL mark. Excludes: CH3, CH18

Directional Indicators (Stair)

Specification (add to catalog number)	Graphics	
	Back	Front
CH2A (no arrows)		
CH5A (right arrow)		
CH8A (left arrow)		
CH11A (single face, left and right arrow)		
CH17A (double face, no arrows)		
CH20A (double face, one arrow on each side)		
CH23A (double face, two arrows on each side)		

*Models with the city of Chicago required full stroke arrow cannot bear any UL mark. Excludes: CH2A, CH17A

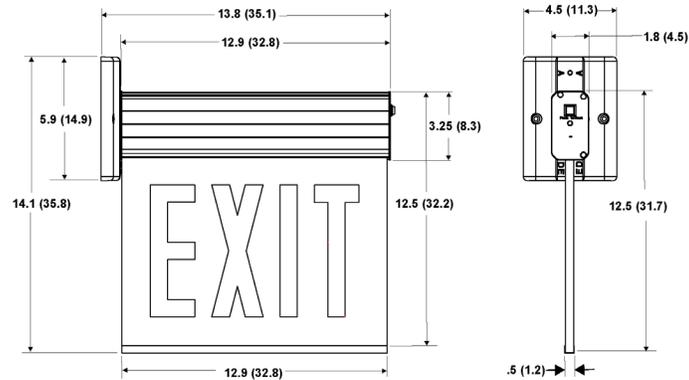
MOUNTING

All dimensions are inches (centimeters).

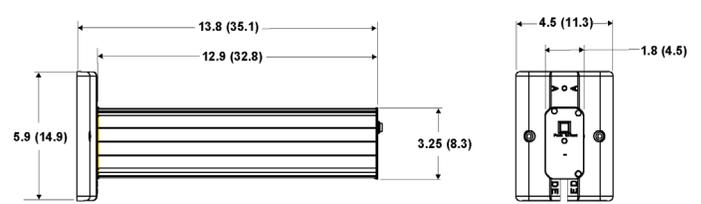
EXIT option shown. STAIR has the same mounting and dimensions as EXIT.

EDGC

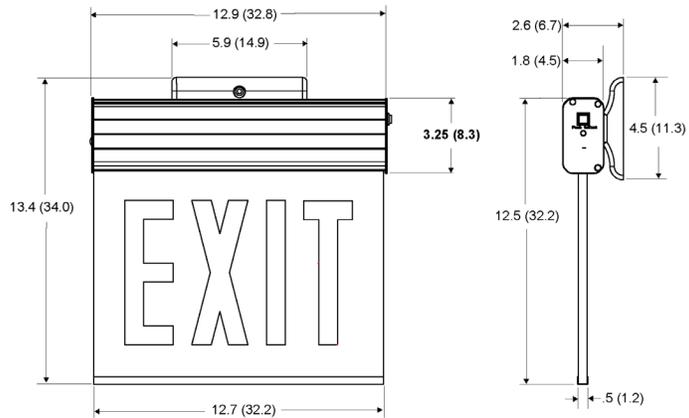
End Mount



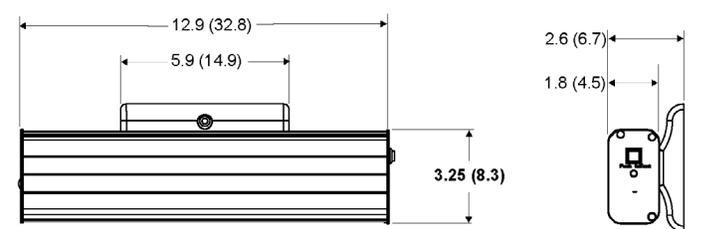
End Mount - NAP (No Acrylic Panel option)



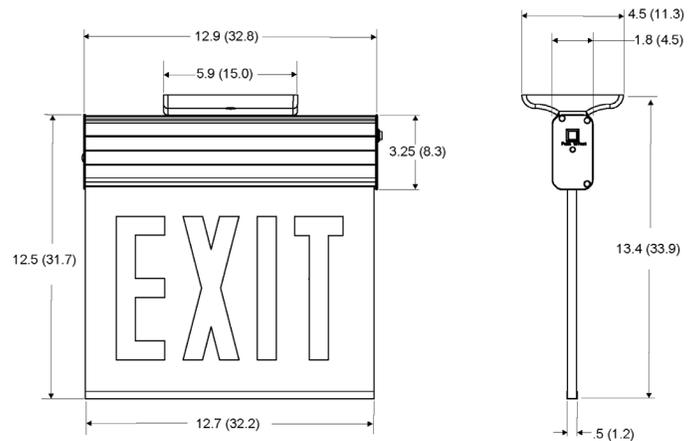
Back Mount



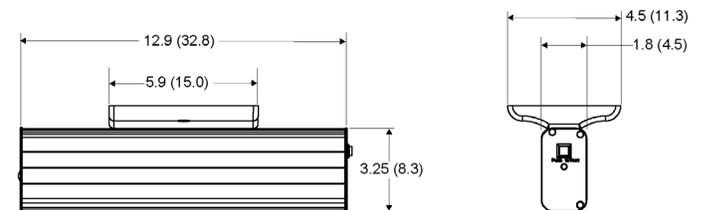
Back Mount - NAP (No Acrylic Panel option)



Surface Mount



Surface Mount - NAP (No Acrylic Panel option)



EDGC LED, Quantum® Edge-Lit Exits

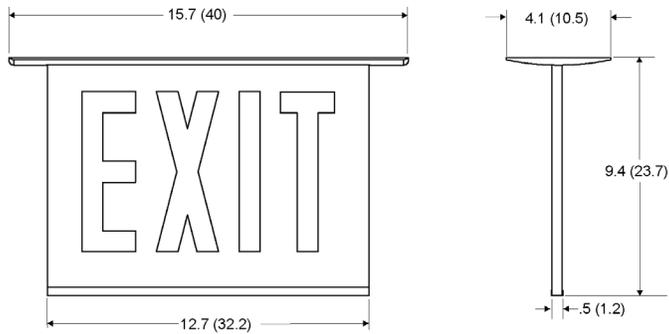
MOUNTING

All dimensions are inches (centimeters).

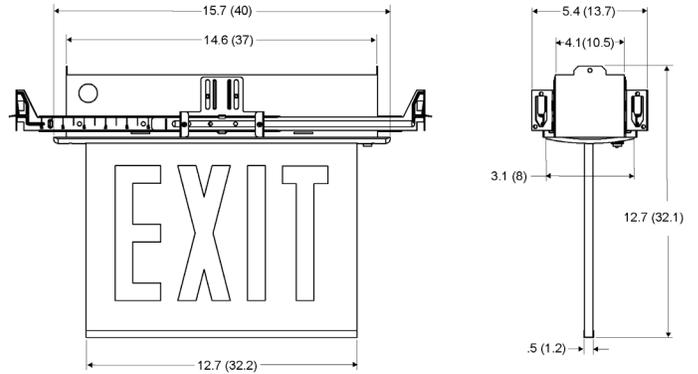
EXIT option shown. STAIR has the same mounting and dimensions as EXIT.

EDGRC

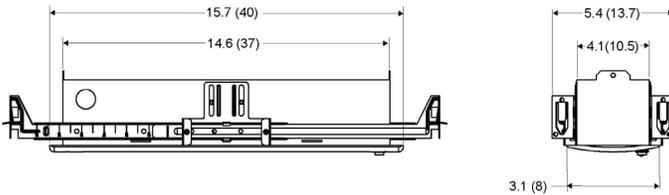
Recessed Mount



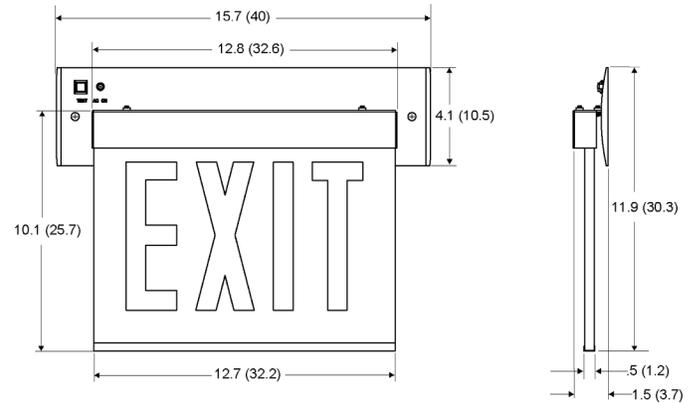
Recessed Mount - Uninstalled



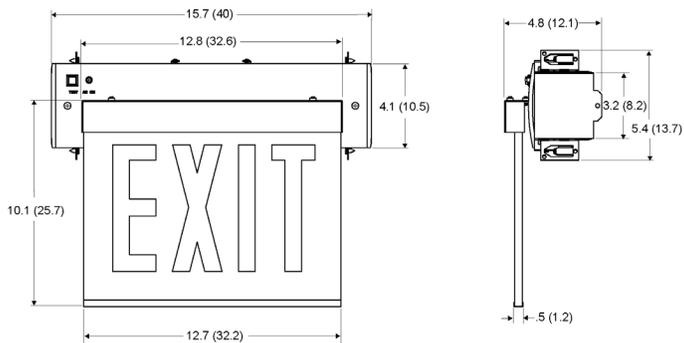
Recessed Mount - NAP (No Acrylic Panel option)



Recessed Mount - Wall Mount (WM option Installed)



Recessed Mount - Wall Mount (WM option Uninstalled)



Recessed Mount - Wall Mount NAP (No Acrylic Panel option)

