

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications where electrical power cannot be provided.

CONSTRUCTION — Tritium filled gas tubes require no electrical input.

Universal directional indicator knockouts and mounting (canopy included).

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

Completely-sealed lamp compartment.

Polycarbonate or aluminum frame with aluminum faceplate.

Explosion proof/hazardous location.

Suitable for damp locations.

Ideal for extreme temperatures -20°F – 150°F (-28°C – 65°C).

Tamperproof mounting hardware.

Optional vandal shield suitable for low-level applications.

OPTICS — Tritium filled gas tubes require no electrical input and are rated for 10 or 20-year life.

No energy consumption.

Self-Luminous signs are required to meet a minimum luminance of 0.06 foot lamberts per square meter.

The initial brightness measurements are: 10 Year - 0.13 foot lamberts and 20 Year - 0.20 foot lamberts.

The light output of a tritium sign reduces over time due to decay.

The level of tritium in the exit is 7.5 Curies in a 10-year sign and 11.5 Curies in a 20-year sign (for double face the unit will have 2x the amount).

INSTALLATION — Universal (top, end or back) mounting.

Mounting hardware included.

LISTINGS — UL Listed. UL Listed for low-level applications with VR option. Meets UL 924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards, and State of Minnesota energy-efficiency legislation requiring less than 20W consumption.

AA option suitable for use in Class I, Div. I, Groups C & D.

WARRANTY — 3-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

Specifications subject to change without notice.

Catalog Number
Notes
Type

Self-Luminous Exits



D

TRITIUM

ORDERING INFORMATION

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

Example: D S W 1 R

D	S					
Family	Face type	Housing color	Number of faces	Faceplate color	Luminous life	Options
D Self-luminous	S Stencil	(blank) Black W White AL Aluminum ⁶	1 Single 2 Double	R Red G Green	(blank) 10 years 20 20 years	VR Vandal shield ^{1,2,5,7} AA Aluminum anodized frame ³ IF Institutional frame ^{5,7}

Notes

1 Only available in single face.

2 Only available with aluminum housing color.

3 Available in all housing colors.

4 See spec sheet [ELA-WG](#).

5 IF option suitable for vandal resistant application; no VR shield required.

6 Aluminum anodized frame is standard with AL housing color.

7 Aluminum frame is standard with VR or IF option.

Accessories:⁴ Order as separate catalog number.

ELA WGEXT	Top-mount wireguard
ELA WG1	Back-mount wireguard

D Self-Luminous

MOUNTING

All dimensions are inches (centimeters) unless otherwise indicated.

Shipping weight: Plastic Frame (single face) – 1.5 lbs (0.7 kgs)

Plastic Frame (double face) – 3 lbs (1.4 kgs)

AA option (single face) – 4 lbs (1.8 kgs)

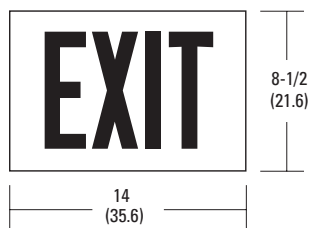
AA option (double face) – 8 lbs (3.6 kgs)

IF option (single face) – 7 lbs (3.2 kgs)

IF option (double face) – 8 lbs (3.6 kgs)

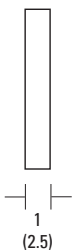
VR option – 3.5 lbs (1.6 kgs)

PLASTIC FRAME



TOP MOUNTING

SINGLE
FACE

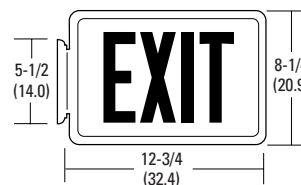


DOUBLE
FACE



OPTION AA (Aluminum Anodized) (Canopy provided with double face only)

END MOUNTING



TOP MOUNTING

SINGLE
FACE

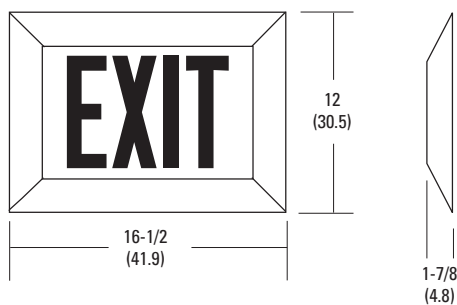


DOUBLE
FACE

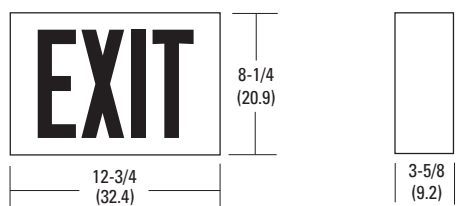


OPTION IF (Institutional Frame)

SINGLE FACE



DOUBLE FACE



OPTION VR (Vandal Shield)

