Everlux®

Photoluminescent safety signs

Technical Properties

⍣Everlux® UL Listed Signs

Time after removing the exciting light (in minutes)	Luminance Intensity (mcd/m²)		
	According to RS 6.1 [1]	⍣**Everlux®** UL 924 Listed	⍣**Everlux®** UL1994 Listed
10 minutes	30	61.6	49.3
60 minutes	7	21.7	12.3
90 minutes	5	15.5	8.2
Luminance Intensity (mcd/m²)	Period of Light Decay (in minutes) [2]		
0.3	-	19628	3495

(1) Stimulation with a 4000K fluorescent lamp providing a mean illuminance of 2 foot-candles (21.6 lux) on the surface of the test specimen for 120 minutes.
(2) This is the time (in minutes) during which the luminance intensity is higher than 0,3 mcd/m².

⍣Everlux®

Time after removing the exciting light (in minutes)	Luminance Intensity (mcd/m²)			
	According to RS 6.1 [1]	⍣**Everlux®**	According to ASTM-E2073 [2]	⍣**Everlux®**
10 minutes	30	70	30	48
60 minutes	7	12	-	-
90 minutes	5	7.6	5	5.5
Luminance Intensity (mcd/m²)	Period of Light Decay (in minutes) [2]			
0.3	-	1759	-	1363

(1) Stimulation with a 4000K fluorescent lamp providing a mean illuminance of 2 foot-candles (21.6 lux) on the surface of the test specimen for 120 minutes.
(2) Stimulation with a 4000K fluorescent lamp providing a mean illuminance of 1 foot-candles (10.8 lux) on the surface of the test specimen for 60 minutes.

Printing: Silk-screen printing, high quality gloss paint with UV resistance.
Surface: Antistatic and easy to clean.
Fire Resistance: According to ASTM D 635 and UL 94, the Everlux products are classified HB (HB = horizontal burning) and are Class CC1 according to the IBC (International Building Code).
Chemical Characteristics: Non-radioactive, non-phosphorous, lead-free and non-toxic.

⚆ INDEX

How to Order

The ⚆Everlux® signs are identified with a unique alphanumeric item code. When ordering, please indicate the following information:

1 – The sign item code;
2 – The size (inch);
3 – The type of sign installation (see page 6). Type 1 signs will be supplied by default if this information is not provided.
Example: The sign is available in the following sizes 11¹³⁄₁₆" x 5²⁹⁄₃₂";
15¾" x 7⅞"; 23⅝" x 11¹³⁄₁₆"; 47¼" x 23⅝" and may be supplied for installation Type 1, 2 or 3.

To order the next sign in **15¾" x 7⅞"** for Type 1 installation, please indicate:
L 00 58 - **15¾" x 7⅞"** - Type 1

(inch)
11¹³⁄₁₆ x 5²⁹⁄₃₂
15¾ x 7⅞
23¾ x 11¹³⁄₁₆
47¼x23⅝

L 00 58

Safety Signage is a Language Comprised of Pictorial Graphics, Shapes and Colors

Color should be for everyone!
... and because colors are determinant in safety signs, ⚆ Everlux® has associated with ColorAdd - the color identification system for colorblind people.
ColorAdd is a project which was developed with the goal of allowing colorblind people to correctly identify each color and therefore to contribute for their social integration whilst making communication more effective, responsible and inclusive. ColorAdd is an extremely intuitive symbolic language that uses the primary colors and their combination to create the entire colors/codes palette.

By including the ColorAdd system, the ⚆ Everlux® catalogue allows colorblind people to fully comprehend all the components of safety signs.

COLORS | SYMBOLS

| Blue | Green | Yellow | Orange | Red | Purple | Brown |

WHITE | BLACK | GREY

| White | Black | Light Grey | Dark Grey |

GOLD/ SILVER

| Gold | Silver |

LIGHT TONES

DARK TONES

NATIONAL CODES
California Building Code
Connecticut State Building Code
Florida Building Code
Massachussets State Building Code
New Jersey Building Code
New York Building Code
Local Law 26 of 2004, New York City Building Code § 27 - 383 (b)
Local Law 141 of 2013, New York City Building Code Section 1024
Local Law 3 RCNY §505-01 - Apartment and Guest Room Identification and Directional Markings and Signs
3 RCNY §505-02 Apartment, Guest Room and Stairwell Fire Emergency Markings
OSHA 1910.37 (b) (6) Maintenance Safeguards and Operational Features for Exit Routes

INTERNATIONAL CODES
International Building Code (IBC)
International Fire Code (IFC)

NATIONAL STANDARDS	
UL 924	Standard for Emergency Lighting and Power Equipment
UL 1994	Standard for Luminous Egress Path Marking Systems
Reference Standard 6-1 and RS 6-1 A	Photoluminescent exit path markings - as required by Local Law 26 of 2004, New York City Building Code § 27 - 383 (b)
NFPA 10	Standard for Portable Fire Extinguishers
NFPA 72	National Fire Alarm and Signaling Code
NFPA 101	Life Safety Code
NFPA 170	Standard for Fire Safety and Emergency Symbols
NFPA 502	Standard for Road Tunnels, Bridges, and Other Limited Access Highways
NFPA 2010	Standard for Fixed Aerosol Fire-Extinguishing Systems
NFPA 5000	Building Construction and Safety Code
ASTM E2030	Standard Guide for Recommended Uses of Photoluminescent (Phosphorescent) Safety Markings
ASTM E2072	Standard Specification for Photoluminescent (Phosphorescent) Safety Markings
ASTM E2073	Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings
ANSI Z535.1	American National Standard for Safety Colors
ANSI Z535.2	American National Standard for Environmental Facility and Safety Signs
ANSI Z535.3	American National Standard for Criteria for Safety Symbols
ANSI Z535.4	American National Standard for Product Safety Signs and Labels
ANSI Z535.5	American National Standard for Safety Tags and Barricade Tapes (for Temporary Hazards)
ANSI Z535.5	American National Standard for Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials
APTA SS-PS-004-99, Rev. 2	Standard for Low-Location Exit Path Marking
APTA SS-PS-002-98, Rev. 3	Standard for Emergency Signage for Egress/Access of Passenger Rail Equipment
GSA PBS P-100	Facilities Standards for the Public Building Services - General Services Administration
ICC A117.1-2017	Standards for Accessible and Usage Buildings and Facilities

INTERNATIONAL STANDARDS	
ISO 7010	Graphical symbols - Safety colours and safety signs - Safety signs used in workplaces and public areas
ISO 3864-1	Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs in workplaces and public areas for use in safety signs
ISO 16069	Graphical symbols - Safety signs - Safety Way Guidance System (SWGS)
ISO 23601	Safety identification - Escape and evacuation plan signs

Certification

The quality of ⓐEverlux® products is ensured by a rigorous process of quality control with tests in our laboratory as well as by third party laboratories observing all applicable Standards, Codes and Legislation.

The core product ranges featured in this catalogue are the ⓐEverlux® EXIT Signs and the ⓐEverlux® Egress Path Marking Systems which have been specifically developed for the US market. These products have been tested and listed, as applicable, as per the requirements of UL 924 Standard for Emergency Lighting and Power Equipment and UL 1994 Standard for Luminous Egress Path Marking Systems.

The ⓐEverlux® UL Listed signs and path markers contain the respective UL Listing Marks:

PHOTOLUMINESCENT EXIT SIGN
E479619

UL Listed Mark printed on the ⓐEverlux® EXIT signs Listed under the UL 924 requirements

LUMINOUS EGRESS-PATH MARKER
SA44498

UL Listed Mark printed on the ⓐEverlux® Path Marking signs Listed under the UL 1994 requirements

In addition to the UL Listed signs, the ⓐEverlux® catalogue is complemented with further photoluminescent safety signage solutions provided in luminescent quality in compliance with National Codes and applicable ASTM requirements and are certified as per International Standards, namely *ISO 16069 Graphical Symbols -- Safety signs -- Safety way guidance systems (SWGS)*. These signs, as well as the Everlux Safety Signs for Tunnels, are Lloyd's Register Type Approved products.

Company certifications:

Different Types of Application May Require Different Alternatives for Sign Installation
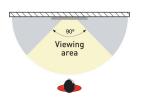
For signs to be seen clearly, they must be installed according to the appropriate viewing angle.

Type 1 (single-sided)
Parallel wall mounted sign.
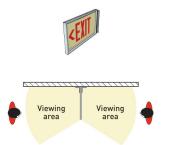
Type 2 (double-sided)
The full range of ⊛Everlux® signs are available as a Type 2

A Type 2 sign can be mounted perpendicularly to the wall by means of a diverse choice of aluminium frames or bracket.
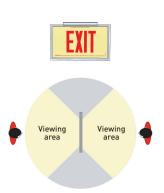
Type 2 Fold
Made from 2mm rigid plastic with a 90º fold at the attachment end, this lightweight Type 2 projecting signs can usually be installed without the need for drilling and offer the ideal solution when ensuring the signs visibility in corridors, stairwells, etc.
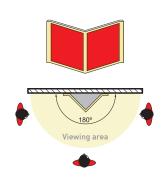
Type 3 (double-sided)
A Type 3 single or double-sided sign is intended to be installed in the ceiling.

Type P (panoramic signs)
A panoramic sign offers the greatest visibility and is printed on the two outward facing surfaces to offer a 180º viewing radius.

EXIT AND ESCAPE ROUTE SIGNS

UL 924 Listed EXIT Signs – For a Maximum Visibility Distance of 50'

(inch)
15¾ x 9⅜

EXIT — C 00 11
EXIT — C 00 12
EXIT — C 00 13
EXIT — C 00 14
EXIT — C 00 15
EXIT — C 00 16

The ®Everlux® UL 924 Listed EXIT Signs are supplied with four self-adhesive directional chevrons that can be used to indicate the direction of travel as necessary.

The EXIT signs with red, green and black backgrounds will be supplied with photoluminescent directional arrows and the EXIT signs with photoluminescent background will be supplied with colored directional chevrons matching the respective color of the text (red, green or black).

Directional chevrons

Directional Chevron Application Marks

Directional Chevron Application

Example of possible directional chevron combinations:

EXIT
• Without the use of the directional chevrons

‹EXIT
• Using a directional chevron to the left

EXIT›
• Using a directional chevron to the right

‹EXIT›
• Using directional chevrons to both left and right

UL 924 Directional EXIT Signs (Using Pictograms in Compliance with NFPA 170)
For a Maximum Visibility Distance of 50'

(inch)
15¾ x 9⅜

C 00 01
C 00 02
C 00 03

(inch)
7⅞ x 7⅞

C 00 51
C 00 52
C 00 53
C 00 54

Additional Escape Route Signs – In Compliance with NFPA 170

L 00 51

(inch)
11¹³⁄₁₆ x 5²⁹⁄₃₂
15¾ x 7⅛
23⅝ x 11¹³⁄₁₆
47¼ x 23⅝

L 00 52   L 00 53   L 00 54

L 00 55   L 00 56   L 00 57

L 00 58   L 00 59   L 00 60

Accessible Emergency Exit Signs – In Compliance with NFPA 170 and ICC A117.1–2017

L 01 01   L 01 02   L 01 03   L 01 04

(inch)
5²⁹⁄₃₂ x 5²⁹⁄₃₂
7⅛ x 7⅛
11¹³⁄₁₆ x 11¹³⁄₁₆

L 01 11   L 01 12   L 01 13   L 01 14

L 01 15   L 01 16   L 01 17   L 01 18

(inch)
11¹³⁄₁₆ x 5²⁹⁄₃₂
23⅝ x 11¹³⁄₁₆
47¼ x 23⅝

FIRE EXIT L 01 21   **FIRE EXIT** L 01 22   **FIRE EXIT** L 01 23

FIRE EXIT L 01 24   **FIRE EXIT** L 01 25   **FIRE EXIT** L 01 26

(inch)
11¹³⁄₁₆ x 3¹⁵⁄₁₆
15¾ x 5²⁹⁄₃₂
23⅝ x 7⅛

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Emergency Exit Symbols and Directional Exit Signs – UL 1994 Listed

(inch)
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$

L 01 51   L 01 52   L 01 53   L 01 54

(inch)
$11^{13}/_{16}$ x $5^{29}/_{32}$

L 01 61   L 01 62   L 01 63   L 01 64   L 01 65

L 01 66   L 01 67   L 01 68   L 01 69   L 01 70

NYC RS 6.1 Code Compliant Emergency EXIT Signs – UL 1994 Listed

(inch)
$11^{13}/_{16}$ x $5^{29}/_{32}$

L 01 81   L 01 82

(inch)
$16^{17}/_{32}$ x $9^{3}/_{8}$

L 01 91   L 01 92   L 01 93

L 01 94   L 01 95   L 01 96

(inch)
$7^{7}/_{8}$ x $15^{3}/_{4}$

L 02 01   L 02 02   L 02 03   L 02 04

(inch)
$7^{7}/_{8}$ x $11^{13}/_{16}$

L 02 05   L 02 06   L 02 07   L 02 08
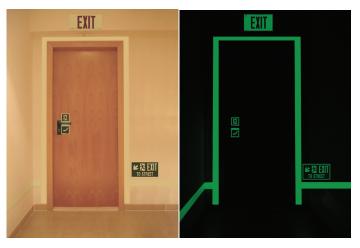
10

Egress Path Marking Strips for Wall Applications - UL 1994 Listed

C 71 01

C 71 02

C 71 03
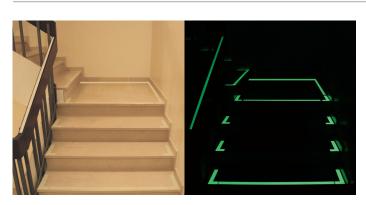
(inch)
47¼ x 1¹⁄₃₂
47¼ x 1⅜
47¼ x 1³¹⁄₃₂

Marking strips for doorframe, wall and stair risers

Egress Path Marking Strips for Floor Applications - UL 1994 Listed

C 71 31

C 71 32

C 71 33

C 71 34

(inch)
47¼ x 1¹⁄₃₂
47¼ x 1⅜
47¼ x 1³¹⁄₃₂

Non-slip self-adhesive marking strips

Non-Slip Self-Adhesive "L's" for Step Marking - UL 1994 Listed

Supplied as a sheet of 4 (2 per step) and are used to highlight the edges of the steps.
The top and bottom step of every flight should be marked by a continuous strip (code C 71 31) running along it's full lengh.

1²⁹⁄₆₄ in

8²¹⁄₃₂ in

3¹⁵⁄₃₂ in

L 03 25

Egress Path Marking Aluminum Strips for Applications on Uneven Floors - UL 1994 Listed

Aluminium floor strips   L 71 81

2²³⁄₆₄ in
1⁴⁹⁄₆₄ in

Supplied in requested lengths (max. 8¹³⁄₆₄ ft).

Aluminium floor profile which has been specifically designed to be laid on uneven floor surfaces so that escape route boundaries can clearly be identified in an emergency situation and/or in the event of power failure.
The low profile strips are supplied with a non-slip photoluminescent vinyl top surface with the aluminium profile edges consisting of fine blades along their full length which enhance the floor strip's anti-slip properties even in the event of oil or lubricant spillage.

Materials:
Aluminium and ⚑ Everlux® non-slip photoluminescent polycarbonate.
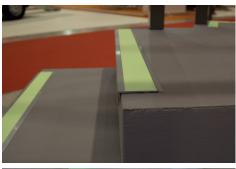**Dimensions:**
Please refer to the technical drawings.
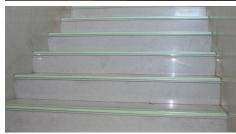
The aluminium profile floor strips are supplied with double-sided high adherence adhesive which allows an easy installation on dust and grease free floor surfaces.

Stairnosing - UL 1994 Listed

Protection for Steps   L 03 27

Aluminium framework developed for stair nosing protection. This product has anti-slip properties, even in situations where oil has been spilt, due to the grooves featured over the whole surface.
The upper and front parts feature ⚑ Everlux® photoluminescent strips which also have anti-slip properties.
These allow the perfect identification of the edge of the steps during a descending or ascending evacuation.

Materials:
Aluminium and ⚑ Everlux® non-slip photoluminescent polycarbonate.
Sizes:
Please refer to the technical drawings.
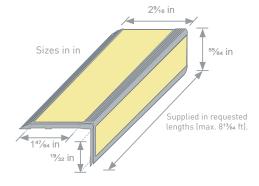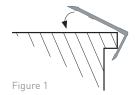
The ⚑ Everlux® protection for steps is supplied with double-sided high adherence adhesive which allows an easy application.
Locate the strip against the front nose of the step as shown (figure 1).
Once located, rotate this strip backwards and apply firm pressure along both faces to ensure adhesion (figure 2).
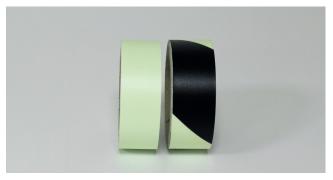
Sizes in in

2⁹⁄₁₆ in
55⁄₆₄ in
1⁴⁷⁄₆₄ in
19⁄₃₂ in

Supplied in requested lengths (max. 8¹³⁄₆₄ ft).

Figure 1

Figure 2

Photoluminescent Path and Obstacle Marking Rolls - UL 1994 Listed

L 03 31   L 03 32

length (ft)
32 ¹³⁄₁₆

width (inch)
⅝
1¹⁄₁₆
1⅜
2¼

Photoluminescent self-adhesive vinyl rolls

Discs for Floor Marking

2²³⁄₆₄ in   1/32 in

L 03 51   L 03 52

(inch)
Ø2²³⁄₆₄
Ø2¾
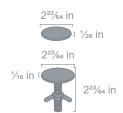
Non-slip self-adhesive discs for floors.
Ø2²³⁄₆₄ - 1 sheet of 18 units.
Ø2³⁄₄ - sold by the unit.

Discs for Mesh Metal Floors Marking

2²³⁄₆₄ in   1/26 in

L 03 53   L 03 54

2²³⁄₆₄ in   1/16 in   2²³⁄₆₄ in

L 03 55   L 03 56

Discs for mesh metal floors
(1 box of 12 units)

Door Hardware Markings - UL 1994 Listed

(inch)
$4^{23}/_{32}$ x $11^{13}/_{16}$

L 04 01   L 04 02

(inch)
$11^{13}/_{16}$ x $5^{29}/_{32}$
$15^{3}/_{4}$ x $7^{7}/_{8}$
$23^{5}/_{8}$ x $11^{13}/_{16}$

PUSH BAR TO OPEN

L 04 21

(inch)
$3^{15}/_{16}$ x $3^{15}/_{16}$ (*)
$5^{29}/_{32}$ x $7^{7}/_{8}$

(*) Only available
in this size

PUSH   EXIT

L 04 31   L 04 32   (*) L 04 41

NOT AN EXIT Sign - UL 1994 Listed

(inch)
$7^{7}/_{8}$ x $11^{13}/_{16}$

NOT AN EXIT

L 04 51

Floor Identification Signs - UL 1994 Listed

These signs will be
supplied custom
made on a project
by project base.
The minium size
must be 13"x18".

SOUTH STAIR
FLOOR
7
FLOOR 1 TO FLOOR 27
NO ROOF ACCESS
DOWN TO FLOOR 1
FOR EXIT DISCHARGE

L 04 61

Apartment, Guest Room Identification, Directional Markings, Signs and Stairwell Fire Emergency Markings in Compliance with 3 RCNY §505-01 and 3 RCNY §505-02

The New York City Fire Department adopted rule 3 RCNY §505-01 Apartment and Guest Room Identification and Directional Markings and Signs and rule 3 RCNY §505-02 Apartment, Guest Room and Stairwell Fire Emergency Markings which require specific apartment and guest room identification and directional markings and signs to guide emergency response crews when responding to emergencies and the fire department in locating dwelling units and stairwells.

Rule 3 RCNY §505-01 specifies standards and requirements for the design and installation of directional signs in apartments, guest rooms, sleeping rooms lobbies and hallway corridors. Rule 3 RCNY §505-02 specifies standards and requirements for the design and installation of entrance door fire emergency markings in apartments, guest rooms, sleeping rooms and stairwell doors.

The rules are applicable to Group R-1 and R-2 buildings.
Group R-1 Buildings: Boarding houses (transient), Hotels (transient), Motels (transient)
Group R-2 Buildings: Apartment Houses, Boarding Houses (non-transient), Convents, Dormitories, Fraternities and Sororities, Hotels (non-transient), Live/ work units, Monasteries, Motels (non-transient), Vacation timeshare properties.
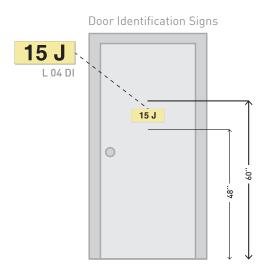
The ®Everlux® signs in this chapter will allow you to be compliant with the 3 RCNY §505-01 and 3 RCNY §505-02 rules requirements. These signs are manufactured in a photoluminescent coated thin aluminum featuring a permanent protective film for higher resistance to wear and tear and with a self-adhesive backing.
These signs are available in the following standard sizes: 1³⁄₁₆ x 4", 1³⁄₁₆ x 6", 1³⁄₁₆ x 8" and 1³⁄₁₆ x 10".

§505-01 Signs

Door Identification Signs

(inch)
3¹⁵⁄₁₆ x 1³⁄₁₆

15 J
L 04 DI

15 J

60"
48"
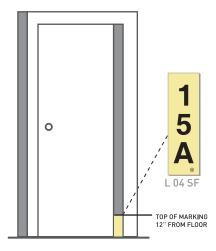
Lobby and Hallway Corridor Directional Markings or Signs

(inch)
7⁷⁄₈ x 1³⁄₁₆

15 J

◀ 15 A – 15 E 15F · EXIT ▶

60"
48"

◀ **15 A - 15 E | 15 F - EXIT** ▶

L 04 LL   L 04 LR
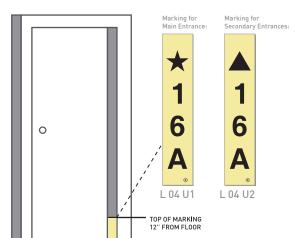
§505-02 Apartment, Guest Room and Stairwell Fire Emergency Markings

(inch)
3¹⁵⁄₁₆ x 1³⁄₁₆

Identification Signs – Single Floor Units with Single Entrance Door

15A
L 04 SF

TOP OF MARKING
12″ FROM FLOOR
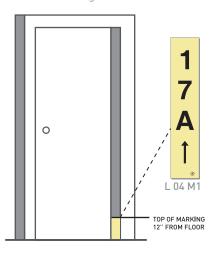
(inch)
5²⁹⁄₃₂ x 1³⁄₁₆
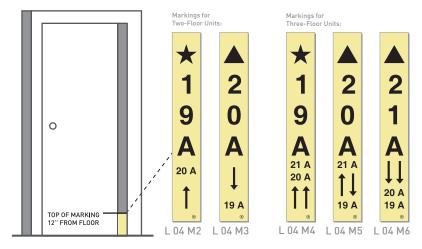
Identification Signs – Unit with Multiple Entrance Doors (at the same floor)

Marking for
Main Entrance:

Marking for
Secondary Entrances:

★16A
L 04 U1

▲16A
L 04 U2

TOP OF MARKING
12″ FROM FLOOR

Identification Signs – Multi-Floor Units with Single Entrance Door

17A↑
L 04 M1

TOP OF MARKING
12″ FROM FLOOR

(inch)
7⅞ x 1³⁄₁₆
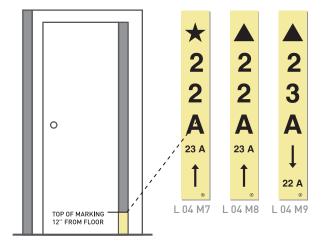
Identification Signs – Multi-Floor Units with Single Entrance Door at Each Floor (Except Sandwich Type Units)

Markings for
Two-Floor Units:

Markings for
Three-Floor Units:

★19A 20A↑
L 04 M2 L 04 M3

▲20A↓19A

★19A 20A 21A
L 04 M4 L 04 M5 L 04 M6

TOP OF MARKING
12″ FROM FLOOR

§505-02 Apartment, Guest Room and Stairwell Fire Emergency Markings
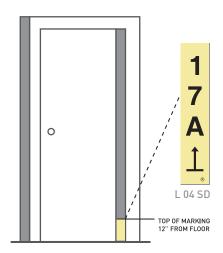
Identification Signs – Multi-Floor Units with Two Entrance Doors on One Floor and One Entrance Door on Another Floor (Except Sandwich Type Units)

(inch)
7⅞ x 1³⁄₁₆

TOP OF MARKING
12″ FROM FLOOR

★ 2 2 A 23 A ↑ L 04 M7

▲ 2 2 A 23 A ↑ L 04 M8

▲ 2 3 A ↓ 22 A L 04 M9
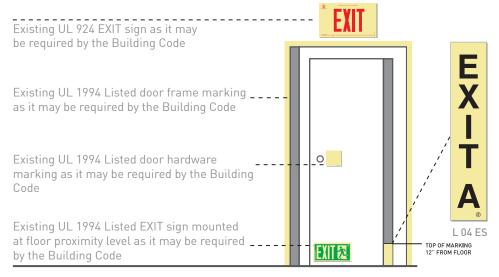
Identification Signs – Sandwich-Design Multi-Floor Units with Single Entrance Door

(inch)
5²⁹⁄₃₂ x 1³⁄₁₆

1 7 A ↑ L 04 SD

TOP OF MARKING
12″ FROM FLOOR

Identification Signs – Exit Stairwell Entrance Door

(inch)
5²⁹⁄₃₂ x 1³⁄₁₆

Existing UL 924 EXIT sign as it may be required by the Building Code

Existing UL 1994 Listed door frame marking as it may be required by the Building Code

Existing UL 1994 Listed door hardware marking as it may be required by the Building Code

Existing UL 1994 Listed EXIT sign mounted at floor proximity level as it may be required by the Building Code

EXIT

EXIT ↗

E X I T A L 04 ES

TOP OF MARKING
12″ FROM FLOOR

Assembly Point Signs

Assembly point signs are essential. These signs provide information in order to direct presence to the appropriate assembly area where persons can be accounted for in an evacuation process. If someone is missing help can then be directed to find those individuals.

(inch)
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$
$15^{3}/_{4}$ x $15^{3}/_{4}$

L 05 01

(inch)
$5^{29}/_{32}$ x $7^{7}/_{8}$
$7^{7}/_{8}$ x $11^{13}/_{16}$
$11^{13}/_{16}$ x $15^{3}/_{4}$

L 05 02   L 05 03

Four-sided Sign

As its intended use is mainly for outdoors, this sign is supplied in a heavy duty photoluminescent aluminium material base featuring a clear protective film for increased wear and tear resistance.

(inch)
$11^{13}/_{16}$ x $11^{13}/_{16}$
$15^{3}/_{4}$ x $15^{3}/_{4}$
$23^{5}/_{8}$ x $23^{5}/_{8}$

L 05 09

Identification Numbers and Letters

(inch)
$3^{15}/_{16}$ x $3^{15}/_{16}$
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$

A ... Z   0 ... 9   e.g.   🔺 A
L 05 1A   L 05 1Z   L 05 10   L 05 19

Other Door Hardaware Markings

It is essential that everyone can easily understand how to operate a door in an emergency situation. Escape door mechanism signs help provide a fast and safe evacuation, thereby avoiding panic.

(inch)
$3^{15}/_{16}$ x $3^{15}/_{16}$
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$

L 05 51   L 05 52   L 05 53

(inch)
2 $^{3}/_{4}$ x $7^{7}/_{8}$
$3^{15}/_{16}$ x $11^{13}/_{16}$

Also available in
self-adhesive

L 05 61   L 05 62

Evacuation Plans in Compliance with NFPA 101 and NFPA 170

NFPA 170, Standard for Fire Safety and Emergency Symbols, establishes the design principles of Evacuation Plans that are to be displayed throughout the building.
These principles establish that the design of Evacuation Plans must include information relevant to fire safety, means of egress, and rescue of the occupants of the building.
The Evacuation Plans shall be designed in accordance with the evacuation strategy of the building and address the specific needs of the occupants of the premises.

As required by NFPA 170, the ⊛ Everlux® Evacuation Plans comply with ASTM E2072, Standard Specifications for Photoluminescent (Phosphorescent) Safety Markings and ASTM E2073, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings.

Evacuation Plans

Evacuation Plans are a fundamental complement to safety signs. They illustrate the means of egress and help to educate users of a building in the correct actions to adopt in an emergency.
Evacuation Plans shall be located so that they are conspicuous in their environment of use and sited to ensure that all employees and visitors will pass by during their stay in the building.

Evacuation Plans shall be permanently fixed and are intended to be located:
a) At positions where occupants can learn the means of escape and
b) At strategic points of the escape route: on every floor at primary entry points to the building, halls and corridors, near elevators and stairs, at appropriate congregation points (cafeterias, office centres, meeting rooms, etc) and at principal junctions and intersections.
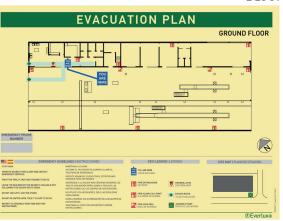
⊛ Everlux® Plans are oriented, include the location of the equipment used in an emergency such as fire alarm pull stations, emergency phones, defibrillators (AED) and fire extinguishers, and show the location of the viewer with a clear notation making the escape route clean and unambiguous.

(inch)
15¾ x 11¹³⁄₁₆
23⅝ x 15¾
35⁷⁄₁₆ x 23⅝

L E0 01

L E0 02

L E0 03

L E0 04

Note: also available in ANSI paper sizes A, B, C, D

19

Evacuation Plans for Hotels and Nursing Homes

(inch)
7⅞ x 11¹³⁄₁₆

L E1 01

ⓐ Everlux® Evacuation Plans in a 7⅞" x 11¹³⁄₁₆" format are appropriate for hotel rooms, guest house rooms, and nursing homes providing information of escape routes, location of fire equipment and safety instructions for guests and occupants.

Note: also available in ANSI A paper size or Letter size.

Fire Alarm/Sprinkler Zone Plans

(inch)
15¾ x 11¹³⁄₁₆
23⅝ x 15¾
35⁷⁄₁₆ x 23⅝

ⓐ Everlux® Fire Alarm/ Sprinkler Zone Plans are a diagrammatic representation of a building, showing specific topographic information, the building entrances, the main circulation areas and the division of the building into detection/ extinguishing zones. They are designed to offer accurate and legible information allowing an easy understanding of the areas of the building that are covered by the system(s) installed.

Fire Alarm/ Sprinkler Plans should be installed in the Fire Alarm Control Panel and Riser Rooms.

L E2 01

Note: also available in ANSI paper sizes A, B, C, D

Automated External Defibrillator (AED) Sign in Compliance with NFPA 170

L 06 01

(inch)
7⅞ x 7⅞

L 06 02   (*) L 06 03

(inch)
7⅞ x 7⅞
6¹¹⁄₁₆ x 6¹¹⁄₁₆ (*)

(*) Only available
in this size

Emergency Equipment Safety Signs in compliance with ISO 7010

L 07 01   (*) L 07 02   L 07 03   L 07 04   L 07 05

(inch)
5²⁹⁄₃₂ x 5²⁹⁄₃₂
7⅞ x 7⅞
11¹³⁄₁₆ x 11¹³⁄₁₆
15¾ x 15¾

(*) In compliance
with NFPA 170.

L 07 06   L 07 07   L 07 08   L 07 09   L 07 10

L 07 11   L 07 12   L 07 13   L 07 14   L 07 15

L 07 51   L 07 52   L 07 53

(inch)
3¹⁵⁄₁₆ x 3¹⁵⁄₁₆
5²⁹⁄₃₂ x 5²⁹⁄₃₂
7⅞ x 7⅞
11¹³⁄₁₆ x 11¹³⁄₁₆

L 07 54   L 07 55   L 07 56

Fire Safety Signs that will work under any circumstance

The benefits of using safety grade Photoluminescent Fire Safety Signs

The use of Fire Safety Signs is required by several standards and codes such as OSHA, NFPA 170 and the International Fire Code.
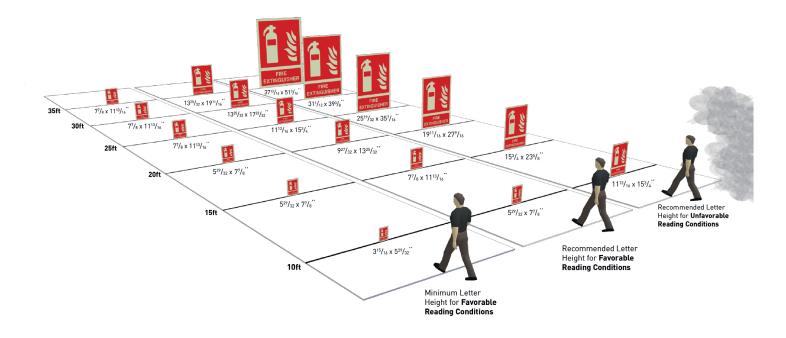
Fire Safety Signs are used for the purpose of informing building users and the fire department teams on the location of fire-fighting and fire alarm equipment such as fire extinguishers, fire hose reels, risers, valves and fire alarm pull stations.

To assure that the Fire Safety Signs used in your buildings will be effective during normal operational times but most importantly during an emergency, several factors should be taken in to consideration. Therefore, selecting the right size, type, location and material of construction of Fire Safety Signs may be vital in providing a safety environment and reducing risk in your facilities.

To choose the right size of Fire Safety Signs, these should be selected in accordance to their intended maximum viewing distance. ANSI Z535.2 establishes the relationship between letter size used on supplementary texts and the sign's safe viewing distance. The table below show ANSI's Minimum Letter Height and its respective Minimum Safe Viewing Distance both under Favorable and Unfavorable Reading Conditions.

Viewing Distance	Minimum Letter Height for Favorable Reading Conditions		Recommended Letter Height for Favorable Reading Conditions		Recommended Letter Height for Unfavorable Reading Conditions	
	point size	in	point size	in	point size	in
1 foot	8.0	0.08	8	0.08	8.4	0.084
2 feet	10.0	0.10	16	0.16	16.8	0.168
3 feet	12.0	0.12	19	0.19	25.2	0.252
4 feet	14.0	0.14	22	0.22	33.6	0.336
5 feet	16.0	0.16	25	0.25	42	0.420
6 feet	18.0	0.18	28	0.28	50.4	0.504
7 feet	20.0	0.20	31	0.31	58.8	0.588
8 feet	22.0	0.22	34	0.34	67.2	0.672

In the following graph, we apply the Minimum Letter Height rules to the Fire Extinguisher sign showing the size of the sign required to comply with its intended Safe Viewing Distance.

35ft
30ft
25ft
20ft
15ft
10ft

$7^7/_8$ x $11^{13}/_{16}$"
$7^7/_8$ x $11^{13}/_{16}$"
$7^7/_8$ x $11^{13}/_{16}$"
$5^{29}/_{32}$ x $7^7/_8$"
$5^{29}/_{32}$ x $7^7/_8$"
$3^{15}/_{16}$ x $5^{29}/_{32}$"

$13^{25}/_{32}$ x $19^{11}/_{16}$"
$13^{25}/_{32}$ x $17^{23}/_{32}$"
$11^{13}/_{16}$ x $15^3/_4$"
$9^{27}/_{32}$ x $13^{25}/_{32}$"
$7^7/_8$ x $11^{13}/_{16}$"

$37^{13}/_{16}$ x $51^3/_{16}$"
$31^1/_{12}$ x $39^3/_8$"
$25^{19}/_{32}$ x $35^7/_{16}$"
$19^{11}/_{16}$ x $27^9/_{16}$"
$15^3/_4$ x $23^5/_8$"
$5^{29}/_{32}$ x $7^7/_8$"

$11^{13}/_{16}$ x $15^3/_4$"

Minimum Letter Height for **Favorable Reading Conditions**

Recommended Letter Height for **Favorable Reading Conditions**

Recommended Letter Height for **Unfavorable Reading Conditions**

Fire Safety Signs that will work under any circumstance

Deciding on the appropriate type of sign is also very important and you can select from a variety of shapes being the most common the Type 1, Type 2 and Panoramic signs:

Type 1 signs are signs that are meant to be installed parallel to the wall. These are the most common type of signs used but keep in mind that these can only be seen from users who are standing directly towards them. Therefore, while these signs will offer a good solution for smaller areas there are better options for wider areas.
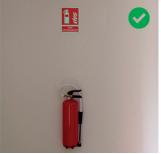
Type 2 signs are intended to be installed in a flag position and therefore will likely be the ideal solution for corridors as they will be easily viewed by occupants walking from both ends of the corridor.

Panoramic signs can be perceived from 180° angles and therefore will also be a good solution to identify the location of fire-fighting equipment signs in corridors and will be the best choice for wider zones in the facility as they can be located irrespectively from the user position in that area.

Choosing the right location for the installation of Fire Safety Signs should also take in to consideration the intended maximum viewing distance for each sign and that situations where the signs are obstructed from view must be prevented. To achieve this, Fire Safety Signs should be installed at high-location:

The sign installed at high-location level identifies the location of the fire-fighting equipment, in this case a fire extinguisher, reducing the possibility of it being blocked by something or someone. These signs can be complemented with intermediate location signs that are to be installed at eye sight level and are intended to provide additional information to the user of the equipment. For example, fire extinguisher identification signs used at intermediate level provide information on the type of extinguisher that the user is about to handle and the different classes of fires that it can be and that it cannot be used for.
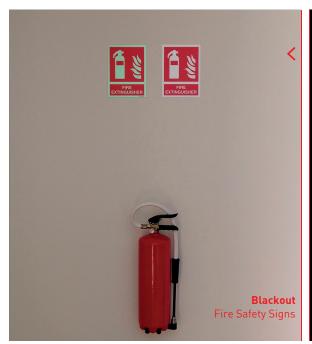
Fire Safety Signs that will work under any circumstance

Selecting the material of construction of your Fire Safety Signs may be the most important decision in assuring that the signs will be effective when most needed – during an emergency! Even though as per ANSI Z535.2 situations other than the normal operating conditions should be considered those being power failure and emergency conditions, the majority of Fire Safety Signs used in the country are still made of non-photoluminescent materials. The reason is mainly due to cost, but this may prove to be counterproductive. In the event of fire, the priority is to evacuate but one should be conscious of the importance that fire-fighting equipment may have even during evacuations as flames may block the egress path. Therefore, the use of Photoluminescent Fire Safety Signs can be decisive in identifying the location of fire extinguishers and other fire-fighting equipment under difficult conditions such as in the presence of smoke and blackout situations. In these cases, the swift identification of fire-fighting equipment will contribute to extinguish the flames and resume evacuation but can also contribute to extinguish small fires that could otherwise turn in to uncontrolled blazes and be a threat to life safety as well as to the assets.

Blackout
Fire Safety Signs

Blackout
Fire Safety Signs

Use this QR Code to see a short video showing the efficiency of safety grade Photoluminescent Fire Safety Signs in a blackout situation.

There are many Photoluminescent Fire Safety Signs available in the market. When choosing your Photoluminescent Fire Safety Signs keep in mind that not all photoluminescent signs will offer similar luminance performances and therefore you should enquiry your potential suppliers about the luminance performance of the signs that you are considering purchasing. To guarantee an effective luminance performance make sure that you select signs that comply with the luminance requirements of ASTM E2072, Standard Specification for Photoluminescent (Phosphorescent) Safety Markings and ASTM E2073, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings.

Everlux Photoluminescent Fire Safety Signs comply with these luminance requirements and will be an effective solution to identify the location of your fire-fighting equipment.

If you have any questions regarding Fire Safety Signs and applicable standards, please send us an e-mail to **sales@everlux.com.**

Fire Safety Signs in Compliance with NFPA 170

(*) L 10 01   (*) L 10 02

(inch)
$3^{15}\!/_{16}$ x $3^{15}\!/_{16}$
$5^{29}\!/_{32}$ x $5^{29}\!/_{32}$
$7^{7}\!/_{8}$ x $7^{7}\!/_{8}$
$11^{13}\!/_{16}$ x $11^{13}\!/_{16}$ (*)
$15^{3}\!/_{4}$ x $15^{3}\!/_{4}$ (*)

(*) Also available in these sizes

L 10 03   L 10 04   L 10 05   (*) L 10 10   (*) L 10 11

For panoramic signs please see page 26.

L 00 17   L 00 18   L 00 19

(inch)
$6^{11}\!/_{16}$ x $6^{11}\!/_{16}$

Fire Safety Signs in Compliance with NFPA 170 – for the Fire Service

L 10 21   L 10 22   L 10 23

(inch)
$3^{15}\!/_{16}$ x $3^{15}\!/_{16}$
$5^{29}\!/_{32}$ x $5^{29}\!/_{32}$
$7^{7}\!/_{8}$ x $7^{7}\!/_{8}$

L 10 24   L 10 25   L 10 26   L 10 27   L 10 28

Fire Safety Signs with Supplementary Text

(inch)
$5^{29}\!/_{32}$ x $7^{7}\!/_{8}$
$7^{7}\!/_{8}$ x $11^{13}\!/_{16}$

FIRE EXTINGUISHER — L 10 51
FIRE HOSE — L 10 52
FIRE ALARM — L 10 53
WHEELED FIRE EXTINGUISHER — L 10 54
AUTOMATIC SPRINKLER CONNECTION SIAMESE — L 10 55
AUTOMATIC SPRINKLER CONNECTION SINGLE — L 10 56

STANDPIPE CONNECTION — L 10 57
AUTOMATIC SPRINKLER STANDPIPE CONNECTION — L 10 58
FIRE HYDRANT — L 10 59
AUTOMATIC SPRINKLER CONTROL VALVE — L 10 60
GAS SHUTOFF VALVE — L 10 61
FIRE-FIGHTING HOSE OR STANDPIPE OUTLET — L 10 62

Fire Safety Signs with Directional Arrows

(inch)
$3^{15}/_{16}$ x $7^{7}/_{8}$
$5^{29}/_{32}$ x $11^{13}/_{16}$
$7^{7}/_{8}$ x $15^{3}/_{4}$

L 11 01   L 11 02   L 11 03

Fire-Fighting Equipment Signs

(inch)
(*) $3^{15}/_{16}$ x $15^{3}/_{4}$
(*) $5^{29}/_{32}$ x $2^{35}/_{8}$
(**) $3^{15}/_{16}$ x $11^{13}/_{16}$
(**) $4^{3}/_{4}$ x $15^{3}/_{4}$

(*) Only available
in these sizes

(**) Only available
in these sizes

(*) L 11 11   (*) L 11 12   (*) L 11 13   (**) L 11 21   (**) L 11 22   (**) L 11 23

Type 2 (Double-sided) Fire-Fighting Equipment Signs

(inch)
(*) $3^{15}/_{16}$ x $15^{3}/_{4}$
(*) $5^{29}/_{32}$ x $2^{35}/_{8}$
(**) $3^{15}/_{16}$ x $11^{13}/_{16}$
(**) $4^{3}/_{4}$ x $15^{3}/_{4}$

(*) Only available
in these sizes

(**) Only available
in these sizes

(*) L 11 41   (*) L 11 42   (*) L 11 43

(**) L 11 44   (**) L 11 45   (**) L 11 46

(inch)
3¹⁵⁄₁₆ x 15¾ (*)
5²⁹⁄₃₂ x 2³⁵⁄₈ (*)
3¹⁵⁄₁₆ x 11¹³⁄₁₆ (**)
4¾ x 15¾ (**)

(*) Only available
in these sizes

(**) Only available
in these sizes

(*) L 11 51 (*) L 11 52 (*) L 11 53 (**) L 11 54 (**) L 11 55 (**) L 11 56

Fire-Fighting Equipment Signs

(inch)
5²⁹⁄₃₂ x 7⅞
7⅞ x 11¹³⁄₁₆
11¹³⁄₁₆ x 15¾

L 11 31 L 11 32 L 11 33

Panoramic Signs

(inch)
3¹⁵⁄₁₆ x 3¹⁵⁄₁₆ (*)
5²⁹⁄₃₂ x 5²⁹⁄₃₂
7⅞ x 7⅞
11¹³⁄₁₆ x 11¹³⁄₁₆

(*) Also available
in this size

(*) L 12 01 L 12 02 (*) L 12 03

(inch)
5²⁹⁄₃₂ x 7⅞
7⅞ x 11¹³⁄₂₆

L 12 11 L 12 12 L 12 13

(inch)
5²⁹⁄₃₂ x 7⅞
7⅞ x 11¹³⁄₂₆
11¹³⁄₂₆ x 15¾
5 ²⁹⁄₃₂ x 11¹³⁄₁₆ (*)
7 ⅞ x 15 ¾ (*)

(*) Only available
in these sizes

L 12 21 L 12 22 L 12 23 (*) L 12 24

27

Fire Extinguisher Identification Signs (portrait layout)

(inch)
$3^{15}/_{16}$ x $15^{3}/_{4}$
$5^{29}/_{32}$ x $2^{35}/_{8}$

L 12 31   L 12 32   L 12 33

Fire Extinguisher Identification Signs (portrait layout)

(inch)
$2^{61}/_{64}$ x $7^{7}/_{8}$

🅴 **Everlux®** fire extinguisher identification signs are intended to complement the main non-automatic equipment location signs as required by NFPA 10. They allow the user to quickly identify what type the fire extinguisher is and what type of fires it is safe or unsafe to use them on.

L 13 01   L 13 02   L 13 03   L 13 04

Note: Codes L 13 01 – L 13 09 (portrait style) are also available in self-adhesive at no extra cost and are ideal for fire extinguisher stands, fire-hose cabinets and numerous other applications. If the self-adhesive option is required please add the suffix Z to the relevant 5 digit product code when ordering.

L 13 06   L 13 07   L 13 08   L 13 09

Fire Extinguisher Identification Signs (landscape layout)

Numbering fire fighting equipment is an effective and thorough way of identifying the location of such equipment. It also helps H&S Responsible Persons and enforcing authorities to identify and report accurately if an extinguisher is damaged, missing or used. This ID sign is in a landscape format with a space on the left that allows for up to 3 numbers to be added.

(inch)
$9\ ^{29}/_{64}$ x $3\ ^{11}/_{32}$

Note: Numbers in self-adhesive transparent vinyl are available in single number and multiple number sheets. Detailed ordering information on these sheets is available at www.everlux.com

EXTINGUISHER Nº — CARBON DIOXIDE — FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT, WOOD, PAPER AND TEXTILES, FLAMMABLE METAL FIRES ®Everlux® — L 13 21	EXTINGUISHER Nº — WATER MIST — WOOD, PAPER AND TEXTILES, LIVE ELECTRICAL EQUIPMENT, FLAMMABLE LIQUIDS, FLAMMABLE METAL FIRES ®Everlux® — L 13 22	EXTINGUISHER Nº — WATER BASED — WOOD, PAPER AND TEXTILES, FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT, FLAMMABLE METAL FIRES ®Everlux® — L 13 23
EXTINGUISHER Nº — WATER BASED + AFFF — WOOD, PAPER AND TEXTILES, FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT, FLAMMABLE METAL FIRES ®Everlux® — L 13 24	EXTINGUISHER Nº — DRY CHEMICAL — FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT, WOOD, PAPER AND TEXTILES, FLAMMABLE METAL FIRES ®Everlux® — L 13 25	EXTINGUISHER Nº — DRY CHEMICAL — WOOD, PAPER AND TEXTILES, FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT, FLAMMABLE METAL FIRES ®Everlux® — L 13 26
EXTINGUISHER Nº — CLASS D — FLAMMABLE METAL FIRES, WOOD, PAPER AND TEXTILES, FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT ®Everlux® — L 13 28	EXTINGUISHER Nº — CLASS K — WOOD, PAPER AND TEXTILES, COOKING OILS AND DEEP FAT FIRES, FLAMMABLE LIQUIDS, LIVE ELECTRICAL EQUIPMENT ®Everlux® — L 13 29	

Suppression System Signs

According to NFPA 17 – Standard for Wet Chemical Extinguishing Systems, a placard in compliance with the recommendations included in Annex A of NFPA 10 – Standard for Portable Fire Extinguishers, shall be conspicuously placed near each Class K extinguisher that states that the fire protection system shall be activated prior to using the fire extinguisher.

(inch)
$11^{11}/_{16}$ x $8^{17}/_{64}$

⚠ WARNING
IN CASE OF APPLIANCE FIRE, USE THIS EXTINGUISHER AFTER FIXED SUPPRESSION SYSTEM HAS BEEN ACTUATED.
®Everlux®
L 13 91

⚠ WARNING
IN CASE OF APPLIANCE FIRE, USE THIS EXTINGUISHER AFTER FIXED SUPPRESSION SYSTEM HAS BEEN ACTUATED.
⚠ PRECAUCIÓN
EN CASO DE INCENDIO DE ALGÚN APARATO, UTILICE ESTE EXTINTOR DESPUÉS DE QUE EL SISTEMA FIJO DE SUPRESIÓN AUTOMÁTICO HAYA SIDO ACTIVADO.
®Everlux®
L 13 92

(inch)
$2^{61}/_{64}$ x $7^{7}/_{8}$ (*)
$5^{29}/_{32}$ x $7^{7}/_{8}$
$7^{7}/_{8}$ x $11^{13}/_{16}$

WET CHEMICAL SUPPRESSION SYSTEM
IN THE EVENT OF KITCHEN FIRE IF THE SYSTEM DOES NOT ACTIVATE AUTOMATICALLY
PULL TO ACTIVATE
IF FIRE ALARM DOES NOT SOUND AUTOMATICALLY THEN ACTIVATE MANUALLY
LEAVE THE AREA VIA THE NEAREST EXIT
REPORT TO ASSEMBLY POINT
CONTACT SYSTEM INSTALLER FOR REFILL AND RECHARGE
DO NOT STOP TO COLLECT PERSONAL BELONGINGS.
DO NOT RE-ENTER UNTIL TOLD IT IS SAFE TO DO SO.
®Everlux®
L 14 01

WET CHEMICAL SUPPRESSION SYSTEM
SAFE FOR: COOKING OILS AND DEEP FAT FIRES.
ON DISCOVERING A KITCHEN FIRE
PULL TO ACTIVATE SUPPRESSION SYSTEM
LEAVE THE AREA BY THE NEAREST AVAILABLE EXIT
CONTACT YOUR RECOMMENDED FIRE EQUIPMENT SERVICE COMPANY FOR REFILL AND RECHARGE
®Everlux®
(*)L 14 02

WET CHEMICAL SUPPRESSION SYSTEM
DAILY CHECKS
CHECK FOR MISSING OR LOOSE BLOW-OFF CAPS
CHECK FOR LOOSE PIPES
CHECK VISUAL INDICATOR STATE IS COCKED
CHECK FUSIBLE LINKS FOR CORROSION OR DAMAGE
CHECK VISUAL INSPECTION SEALS ON RELEASING UNIT
CHECK ALL APPLIANCES ARE COVERED BY SYSTEM NOZZLES
FOLLOWING DISCHARGE
CLEAN & SCRUB SURFACES WITH SOAPY WATER
WEAR GLOVES & EYE PROTECTION
CONTACT SYSTEM INSTALLER FOR REFILL AND RECHARGE
®Everlux®
(*)L 14 03

(*) Only available in this size

Signs for Elevators

(inch)
$5^{29}/_{32}$ x $7^{7}/_{8}$
$7^{7}/_{8}$ x $11^{13}/_{16}$
(*) $5^{29}/_{32}$ x $5^{29}/_{32}$
(*) $7^{7}/_{8}$ x $7^{7}/_{8}$

(*) Only available
in these sizes

DON'T USE IN THE EVENT OF FIRE
®Everlux®

L 14 51

IN THE EVENT OF FIRE
DO NOT USE THE ELEVATOR
USE THE STAIRS
®Everlux®

L 14 52

®Everlux®

(*) L 14 71

®Everlux®

(*) L 14 72

Fire Action Notices

(inch)
$5^{29}/_{32}$ x $7^{7}/_{8}$
$7^{7}/_{8}$ x $11^{13}/_{16}$

Fire action notices give clear instructions to all staff and public of the correct procedures in case of emergency. They should be prominently installed in key locations, e.g. above fire alarm pull stations, reception areas, elevators, etc.

IN THE EVENT OF FIRE

KEEP CALM AND OPERATE THE FIRE ALARM

CALL THE 911

FOLLOW THE INSTRUCTIONS OF A MEMBER OF STAFF

EVACUATE THE BUILDING CALMLY AND BEND DOWN TO AVOID SMOKE

DO NOT USE THE ELEVATOR

REPORT TO THE ASSEMBLY POINT:

®Everlux®

L 15 01

Fire Alarm, Sprinkler, Fire Pump Room and Fire Door Signs

(inch)
7 $^{7}/_{8}$ x 3 $^{15}/_{16}$
11 $^{13}/_{26}$ x 5 $^{29}/_{32}$

FIRE ALARM CONTROL PANEL INSIDE
®Everlux®

L 16 01

FIRE SPRINKLER RISER ROOM
®Everlux®

L 16 02

FIRE SPRINKLER CONTROL VALVE
®Everlux®

L 16 03

FIRE ALARM & SPRINKLER CONTROL ROOM
®Everlux®

L 16 04

FIRE PUMP ROOM
®Everlux®

L 16 05

FIRE DOOR KEEP CLOSED
®Everlux®

L 16 06

ISO Compliant Warning Signs

L 20 01   (*) L 20 02   L 20 03

L 20 04   L 20 05   L 20 06

L 20 07   L 20 08   L 20 09   L 20 10

(inch)
$3^{15}/_{16}$ x $3^{15}/_{16}$
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$ (*)

(*) Also available in this size

ISO Compliant Mandatory Action Signs

(*) L 21 01

(inch)
$3^{15}/_{16}$ x $3^{15}/_{16}$
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$ (*)

(*) Also available in this size

(*) L 21 02   (*) L 21 03   (*) L 21 04

(*) L 21 05   (*) L 21 06   (*) L 21 07

L 21 08   (*) L 21 09   L 21 10
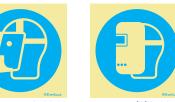
To ensure the correct use of personal protective equipment (PPE), Mandatory Signs must be used. Mandatory actions must be marked with Mandatory signs.

31

ISO Compliant Prohibition Signs

(inch)
(A) $3^{15}/_{16}$ x $3^{15}/_{16}$
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
(*) $11^{13}/_{16}$ x $11^{13}/_{16}$

(*) Also available
in this size

(A) Also available
in self-adhesive

(A) (*) L 22 01

(*) L 22 02   L 22 03   L 22 04

L 22 05   (*) L 22 06   (A) L 22 07

L 22 08   L 22 09   L 22 10

⚐ Sinalux® Signs by ⚐ Everlux® - Information Signs

(inch)
$3^{15}/_{16}$ x $3^{15}/_{16}$
$5^{29}/_{32}$ x $5^{29}/_{32}$
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$

L 23 01   L 23 02

L 23 03   L 23 04   L 23 05   L 23 06   L 23 07

The general collection
of information signs
can be found at
www.everlux.com

L 23 08   L 23 09   L 23 10   L 23 11   L 23 12

Warning Message Combined with Hazard Identification Signs

WARNING Electrical panel keep clear up to 36"
L 30 01

WARNING ARC FLASH AND SHOCK HAZARD Appropriate PPE and tools required when working on this equipment.
L 30 02

WARNING Keep hands out of machinery.
L 30 03

WARNING Biohazard authorized personnel only.
L 30 04

WARNING Look out for forklifts.
L 30 05

(inch)
11¹³⁄₁₆ x 7⅞
15¾ x 11¹³⁄₁₆

Caution Message Combined with Mandatory Action Signs

CAUTION Eye protection required.
L 31 01

CAUTION Ear protection required beyond this point.
L 31 02

CAUTION Anyone entering tanks must wear Body Harness.
L 31 03

CAUTION Eye and ear protection required in this area
L 31 04

CAUTION Protective wear required in this area
L 31 05

(inch)
11¹³⁄₁₆ x 7⅞
15¾ x 11¹³⁄₁₆

Danger Message Combined with Prohibited Action Signs

DANGER No smoking or open flame.
L 32 01

DANGER Confined space. Do not enter.
L 32 02

DANGER Permit-required confined space. Entry prohibited without permit.
L 32 03

DANGER No pedestrian traffic. Accident will result in severe injury or death.
L 32 04

DANGER Do not look at electric arc. It will hurt your eyes. Vision damage will occur.
L 32 05

(inch)
11¹³⁄₁₆ x 7⅞
15¾ x 11¹³⁄₁₆

Safety Notices

NOTICE ALL employees must wash their hands before returning to work.
L 33 01

NOTICE OSHA / NEC Regulations: The area in front of this electrical panel MUST be kept clear for 36 inches.
L 33 02

NOTICE Restricted area. ALL visitors MUST register at office.
L 33 03

NOTICE NO guns, knives or weapons allowed on this property.
L 33 04

NOTICE Restricted area. NO cell phones or photography allowed.
L 33 05

(inch)
11¹³⁄₁₆ x 7⅞
15¾ x 11¹³⁄₁₆

🏃 Everlux®-AL Photoluminescent Signs for Tunnels

NFPA 502 Standard for Road Tunnels, Bridges and Other Limited Access Highways requires the installation of directional signs indicating the distance to the two nearest emergency exits on the side walls of road tunnels in intervals of no more than 82ft.
In enclosed environments such as road and rail tunnels, accidents often result in tragic consequences, particularly if the incident is fire related due to the production and concentration of heat, smoke and toxic gases. This risk can be significantly reduced if there is a consistent, continuous safety information proving details of the egress pathway, emergency exits, fire safety equipment, emergency telephones and places of refuge that tunnel users can rely on to evacuate by themselves on foot.
In the event of an incident or accident, the first ten to fifteen minutes are crucial when it comes to people's safety and damage limitation.

The 🏃 Everlux®-AL Photoluminescent Safety Signs for Tunnels provide an effective compliance solution with the NFPA 502 requirements in term of directional signage indicating the distance to the two nearest emergency exits but can also be used as a complete Tunnel Safety Signage and Marking System.

Technical Properties

The 🏃 Everlux®-AL sign range features a damage resistant transparent protective film which offers protection against acts of vandalism and environmental conditions such as humidity and moisture.

Luminance Performance

Time After removing the exciting light (in minutes)	Luminance Intensity (mcd/m²)			
	According to RS 6.1[1]	🏃 Everlux®-AL	According to ASTM-E2073[2]	🏃 Everlux®-AL
10 minutes	30	70	30	48
60 minutes	7	12	...	9
90 minutes	5	7.6	5	5.5

(1) Stimulation with 4000K fluorescent lamp providing a mean illuminance of 2foot-candles (21.6lux) on the surface of the test specimen for 120min.
(2) Stimulation with 4000K fluorescent lamp providing a mean illuminance of 1 foot-candle (10.8lux) on the surface of the test specimen for 60min.

Material: Heavy-duty 2mm thick aluminum with a photoluminescent coating;
Printing: Serigraphy, high-quality gloss paint with UV resistance;
Fire Resistance: Non-flammable;
Chemical Characteristics: Non-radioactive, non-phosphorous, lead-free and non-toxic.

Directional Signs Indicating the Distance to the Emergency Exits

← 🏃 EXIT 82FT
L L0 82

← 🏃 EXIT 984FT
L L9 84

EXIT 984FT 🏃 →
L R9 84

EXIT 82FT 🏃 →
L R0 82

← 🏃 EXIT ☐☐☐FT
L LX XX

EXIT ☐☐☐FT 🏃 →
L RX XX

(inch)
39³/₈ x 11¹³/₁₆

Exit signs

L 40 01

L 40 02

L 40 03

(inch)
8 x 8
12 x12

🏃 EXIT
L 40 11
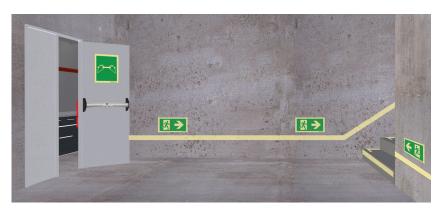
EXIT 🏃
L 40 12

(inch)
16 x 8
24 x 8

Exit Path Markers

🏃 →
L 40 21

← 🏃
L 40 22

(inch)
16 x 8

Note: According to the study *Proposed Guidelines for Emergency Exit Signs and Marking Systems* for Highway Tunnels by the National Cooperative Highway Research Program (NCHRP), published by the National Transportation Board (TRB): based on the visibility distances observed during smoky conditions, the maximum recommended spacing for Photoluminescent (PL) path markers is 10 feet.

Sliding Door Signs

(inch)
8 x 8
12 x 12

L 40 31   L 40 32

(inch)
39³/₈ x 11¹³/₁₆

SLIDE TO OPEN

L 40 41

Note: As per NFPA 502 *Standard for Road Tunnels*, *Bridges and Other Limited Access Highways*, horizontal sliding doors in road tunnels shall have a sign identifying them as horizontal sliding door and indicating the direction to open.

SLIDE TO OPEN

L 40 42

(inch)
8 x 8
12 x 12

L 40 51

Fire Safety Signs

(inch)
12 x 12
16 x 16

L 40 61   L 40 62   L 40 63   L 40 64   L 40 65

(inch)
47¹/₄ x 1¹/₃₂
47¹/₄ x 1³/₈
47¹/₄ x 1³¹/₃₂

L 40 71

L 40 72

L 40 73
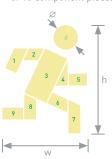
Large Signs for Emergency Exits in Tunnels
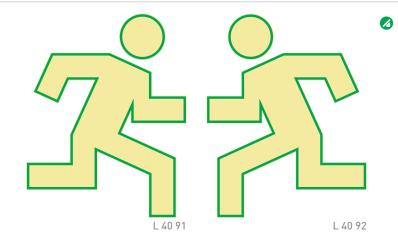
The installation of large signs in close proximity to an emergency exit will allow the exit to be identified more readily and will therefore minimise the risk of panic.

The positioning of these signs will ensure the evacuees can easily identify the location of emergency exits throughout the tunnel, thereby significantly increasing the chance of rescue and/or survival in an emergency situation.

Large signs are comprised of 10 component pieces

	d	w	h
$\varnothing\,11^{13}/_{16}$	$11^{13}/_{16}$	$39^{49}/_{64}$	$51^{31}/_{32}$
$\varnothing\,15^{3}/_{4}$	$15^{3}/_{4}$	$53^{5}/_{32}$	$69^{31}/_{64}$
$\varnothing\,23^{5}/_{8}$	$23^{5}/_{8}$	$79^{17}/_{32}$	$103^{15}/_{16}$

Sizes in inches

L 40 91

L 40 92
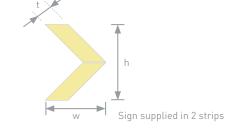
(inch)
$\varnothing\,11^{13}/_{16}$
$\varnothing\,15^{3}/_{4}$
$\varnothing\,23^{5}/_{8}$

$\varnothing$ - Head diameter

L 40 93

Sign supplied in 2 strips

	t	w	h
$3^{17}/_{64}$	$3^{17}/_{64}$	$12^{13}/_{64}$	$15^{23}/_{64}$
$4^{41}/_{64}$	$4^{41}/_{64}$	$19^{11}/_{16}$	$26^{49}/_{64}$
$5^{55}/_{64}$	$5^{55}/_{64}$	$29^{9}/_{64}$	$40^{5}/_{16}$

Sizes in inches

(inch)
$3^{17}/_{64}$
$4^{41}/_{64}$
$5^{55}/_{64}$

Large signs can also be used in conjunction with direccional chevrons of increasing sizes to emphasize the direction of travel in the egress path and to the exit doors.

Dependent on the size of the large sign installed, it is recommended that the accompanying arrows should be proportionately sized. For example, a symbol with the head diameter of $11^{13}/_{16}$ should have an accompanying arrow $3^{17}/_{64}$ wide.
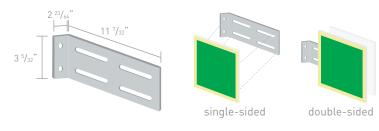
Aluminum accessories for Type 2 and for Panoramic signs

⊛ Everlux®-AL types of application can be:
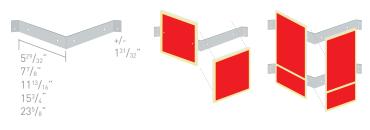**Type 1** - Parallel wall mounted sign;
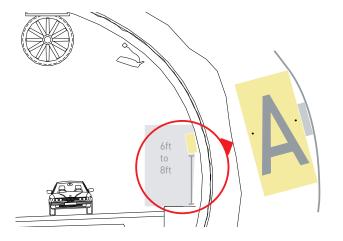**Type 2** - Perpendicular wall mounted sign fixed to an appropriate bracket;

2 $^{23}/_{64}$"
11 $^{7}/_{32}$"
3 $^{5}/_{32}$"

single-sided   double-sided

L 40 98

Type P - Panoramic signs are comprised of two signs mounted on an aluminum frame at a 90 degree angle

5 $^{29}/_{32}$"
7 $^{7}/_{8}$"
11 $^{13}/_{16}$"
15 $^{3}/_{4}$"
23 $^{5}/_{8}$"

+/-
1 $^{31}/_{32}$"

L 40 99
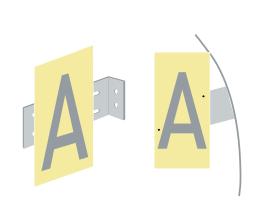
Mounting of double-sided signs (Type 2 and Panoramic) within a tunnel environment

Given the characteristic curvature of tunnels, the installation of a sign directly on the tunnel wall without adjustment will cause the sign to be positioned at an offset plane. ⊛ Everlux® fixing accessories for tunnels are supplied with pre-drilled holes to ensure the signs can be positioned at the correct angle.

6ft
to
8ft

Technical Properties
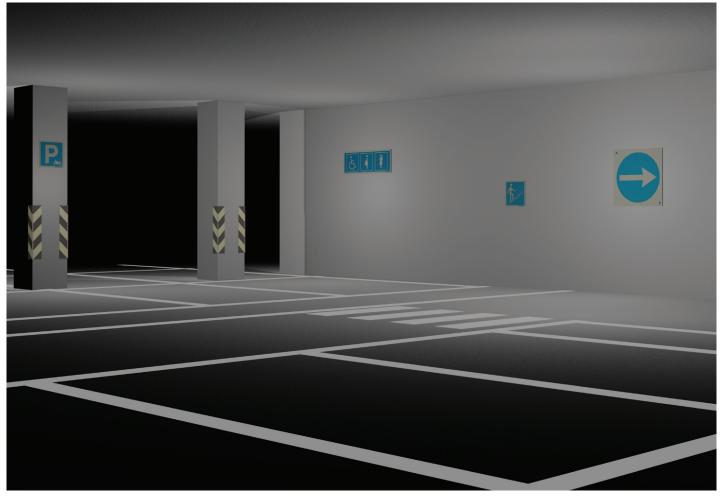
The retroreflective sheeting used in Ⓧ Everlux®-RL products meet the coefficient values of retroreflective products as specified by ASTM D4956.
The minimum performance requirements for a Type I (a) retroreflective sheeting color "White" and the Minimum Coefficient of Retroreflection (RA) for the Ⓧ Everlux®-RL are as follows:

Minimum Performance Requirements for a Type I Retroreflective Sheeting Color "White"	
Observation Angle	ASTM D4956
	0.2º
Entrance Angle	-4º
Minimum Coefficient of Retroreflection R_A (cd • fc • ft^2)	70

(a) According to ASTM D4956 a retroreflective sheeting Type I is a retroreflective sheeting referred to as "engineering grade" that is typically an enclosed lens glass-bead sheeting. Applications for this material include permanent highway signing, construction zone devices, and delineators.

Minimum Reflectiveness Parameters Ⓧ Everlux®-RL	
Color	White
R_A (cd . fc . ft^2) 0,2°;-4°	70

Reflecto-Luminescent Signs

There are many situations where there is movement of both people and vehicles at the same time and at the same place – in car parks, warehouses, mines, etc. – and therefore there is a need for the information conveyed by the safety signs to be understood by all the parties involved and in all circumstances i.e.:
- Pedestrians;
- Drivers of vehicles;
- Circumstances where vehicles are moving, with lights on, and pedestrians are present.

Ⓧ Everlux®-RL – Reflecto-luminescent signs are a new product at a global level with the advantage of combining two concepts in signs: The photoluminescent sign and the retro-reflective sign.
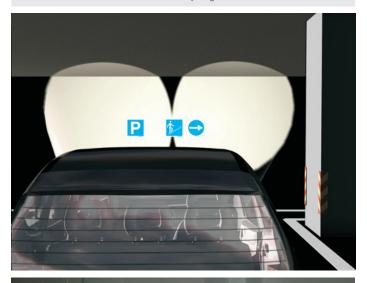
This sign system also performs a double function:
- The presence of external light from the vehicles allows it to react as a retro-reflective product, i.e., the light is reflected back in the same direction it came from allowing the total visibility of the object (a characteristic already used in traffic signs).
- In total absence of light it acts as a photoluminescent product having absorbed the luminous radiation while exposed to the surrounding light (or light from vehicles) and in a black-out situation the signs will remain visible for a period greater than 340 minutes which is the minimum period required by Norms.

Ⓧ Everlux®-RL is manufactured with an innovative generation of photoluminescent pigments especially developed for situations where the surrounding light is diminished.
These signs are also ideal for situations where the fire and rescue service need to locate risers or hydrants thereby enabling these to be located rapidly, either by the fire engine lights or head torch lights.

Retro-Reflective Effect	**Photoluminescent Effect**
Retro-Reflective Safety Signs for Vehicles	Photoluminescent Safety Signs for Pedestrians

Signs for Underground Parking Lots

(inch)
23 ⅝ x 7 ⅞
35 ⁷⁄₁₆ x 11 ¹³⁄₁₆

L 50 01

(inch)
7⅞ x 7⅞
15¾ x 15¾
23 ⅝ x 23 ⅝

L 51 01   L 51 02   L 51 03   L 51 04

L 51 05   L 51 06   L 51 07   L 51 08

L 51 09   L 51 10   L 51 11   L 51 12

(inch)
7⅞ x 11¹³⁄₁₆
11¹³⁄₁₆ x 15¾
15¾ x 23⅝

SPEED LIMIT 5   SPEED LIMIT 10   SPEED LIMIT 15   ONE WAY

L 52 01   L 52 02   L 52 03   L 52 04

ONE WAY   NO THRU TRAFFIC   NO ENTRY   SLOW SPEED BUMP   CAUTION SPEED BUMP AHEAD

L 52 05   L 52 06   L 52 07   L 52 08   L 52 09

(inch)
7⅞ x 11¹³⁄₁₆
11¹³⁄₁₆ x 15¾
15¾ x 23⅝

NOTICE REDUCE SPEED WHEN ENTERING PARKING LOT   RESERVED PARKING

L 52 10   L 52 11

41

Escape Route Signs for Mines

(inch)
$11^{13}/_{16}$ x $5^{29}/_{32}$
$15^{3}/_{4}$ x $7^{7}/_{8}$

L 53 01

L 53 02

L 53 03

L 53 04

L 53 05

L 53 06

L 53 07

L 53 08

Escape Equipment Signs for Mines

(inch)
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$
$15^{3}/_{4}$ x $15^{3}/_{4}$

L 53 51

L 53 52

L 53 53

Warning Signs for Mines

(inch)
$11^{13}/_{16}$ x $11^{13}/_{16}$

L 54 01

L 54 02

Mandatory Signs for Mines

(inch)
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$
$15^{3}/_{4}$ x $15^{3}/_{4}$

L 55 01

L 55 02

Truss Signs

(inch)
$7^{7}/_{8}$ x $7^{7}/_{8}$
$11^{13}/_{16}$ x $11^{13}/_{16}$

L 56 01

Introduction

You will find many ideal fixing and complementary safety signage solutions within the ⊛ Everlux® kits and accessories.
Technical specifications for each of these products are available at www.everlux.com

⊛ Everlux® Aluminum Frame

⊛ Everlux® Anodized Aluminum Frame.

The ⊛ Everlux® Aluminum Frame was developed to support the ⊛ Everlux® safety signs and it is supplied with all the accessories required for its installation.

The ⊛ Everlux® Aluminum Frame is composed by the following components:
- Bracket to fix to the wall or to the celling
- Frame to support the sign(s)

Fixing accessories:
- 4 plugs for holes
- 4 stainless steel screws
- 4 set screws
- 1 L-wrench
- 2 aluminum holders

Aluminum frame   L 06 11

Installation

The sign can be easily inserted into the aluminum frame and secured by the two bolts included.

Different Installation Possibilities

Parallel to the wall
Fix the holders to the wall.
Insert the aluminum frame on to the holders.

Download the Installation Manual for complete installation instructions.

Perpendicular to the wall
Install the aluminum bracket to the wall. Insert the aluminum frame in the bracket and secure it by tightening the set screws with the L wrench.
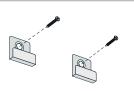
Fixing to the ceiling
Install the aluminum bracket to the ceiling. Insert the aluminum frame in the bracket and secure it by tightening the set screws with the L wrench.
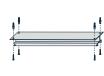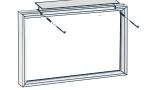
✚ KITS AND ACCESSORIES

⚗ Everlux® Self-Assembly Aluminum Frame

Self-Assembly Aluminum Frame   L 60 21

⚗ Everlux® Self-assembly aluminum frames can be fixed to the wall using the self-adhesive pads wich are supplied with the frame kit or by using ⚗ Everlux® adhesive which is supplied seperately.
Material: Extruded aluminum profile
The frame kit is comprised of the following:
 - 4 x Extruded aluminum profile
 - 4 x PVC "L" connectors
 - 4 x self-adhesive pads

rear view

⚗ Everlux® Slim-Line Aluminum Frame

Slim-Line Aluminum Frame   L 60 22

⚗ Everlux® Slim-line aluminum frames are supplied pre-fitted to the sign and area ready to install.

⚗ Everlux® Slim-line aliminum frame can be fixed to the wall using self-adhesive pads or tape, ⚗ Everlux® Adhesive or other proven methods.
It is advised that the receiving surface is clean, dust and grease free.

Tamperproof Aluminum Rails

(inch)
(**) 31½ x 1⅜
(**) 31½ x 2¼
(*) 78⁴⁷⁄₆₄ x 1⅜
(*) 78⁴⁷⁄₆₄ x 2¼

(**)L 71 21

(*)L 71 22

The rail is screwed to the wall at multiple points along its length. Each rail is supplied with 1 end-cap.

Door Frame Marking Kits - UL 1994 Listed

Note: The strips may require to be cutted in order to be adjusted to the size of each specific door frame.

The use of photoluminescent strips outlining the whole door frame allows for the clear identification of the space the user should go through in an emergency.
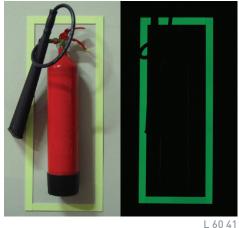
- ⚗ Everlux® Door frame kit - single door - L 60 31
Each kit contains 5 Everlux UL 1994 Listed strips (47¼ x 1³¹⁄₃₂ in)

- ⚗ Everlux® Door frame kit - double door - L 60 32
Each kit contains 6 Everlux UL 1994 Listed strips (47¼ x 1³¹⁄₃₂ in)

Fire Extinguisher Marking Kits - UL 1994 Listed

The use of photoluminescent strips to indicate the whole body of an extinguisher allows for the quick and easy identification of the exact location of the equipment, especially in the case of a power cut or power failure.

- ⍓ Everlux® **Fire extinguisher frame kit**
(suitable for 5kg CO_2) - L 60 41
Each kit contains Everlux UL 1994 Listed strips that will be enough to frame 5 fire extinguishers

- ⍓ Everlux® **Fire extinguisher frame kit**
(not including 5kg CO_2) - L 60 42
Each kit contains Everlux UL 1994 Listed strips that will be enough to frame 5 fire extinguishers

L 60 41

L 60 42

⍓ Everlux® Magnetic Signs

⍓ Everlux® can supply all type 1 signs with a magnetic finish that will allow a firm adhesion to all suitable metallic surfaces. These signs will offer an alternative solution when installing in a variety of applications such as storage and industrial areas, temporary signage and to a range of metallic surfaces such as doors and fire equipment and are also suitable to be installed indoors or outdoors.

L 60 51

PROJECT - SAFETY PROJECT SUPPORT TOOL

This safety signage project support tool was developed specially for technicians with the responsibility to assure safety sign compliance. Everlux Project is available in two separate versions, one compatible with AutoCAD and another one compatible with drawings in image format files (jpeg, bmp, png) or dxf.

everluxproject@everlux.com

EXCELLENCE BY EVERLUX

The Excellence safety sign system represents the seamless fusion of safety signs into luxurious and designed environments. It emphasizes the aesthetic and decorative style. Excellence uses only high and innovative materials for all sign bases. The Excellence signage system provides an aesthetic finish in which all the background colors are emitted, irrespective of the circumstances (presence/absence of light). Excellence is a patented product.

Main features: Innovative design; Signs allow both the pictograms and the colours to be visible in the dark; Signs available in Acrylic Glass – Transparent (Crystal), Opaque (Frosted), Black, White and Mirror Bronze - and Metallic base materials - Brushed stainless steel and Brass; Signs are supplied with fixing accessories.

www.excellencebyeverlux.com

PHOTOLUMINESCENT MARITIME SAFETY SIGNS

The Everlux Maritime catalogue was developed in accordance to IMO Resolutions, SOLAS Convention and ISO standards. This tool will allow ship suppliers, shipbuilders, owners and operators, and their safety officers and purchasing managers to swiftly understand the technicalities of safety signage systems design and installation, to comply with the most updated standards on safety signs and consequently to provide a highly safe environment for their crews and passengers.

Product certification:
Lloyd's Register Type Approval
MED Certification
Service Suppliers Approval

www.everluxmaritime.com

PHOTOLUMINESCENT PUBLIC TRANSPORTATION SIGNS

Public transportation systems across the globe render a valuable civic service to the populations they serve, allowing millions of people to navigate through intermodal networks to go about their daily lives.

The safety of passengers is a major concern for authorities, operators and for every stakeholder in the industry.

The use of Photoluminescent Safety Signs and Systems is an effective solution to mark the location of emergency, fire-fighting equipment and egress paths. Its benefits have been proved and therefore are now required by different public transportation regulations and standards, namely:
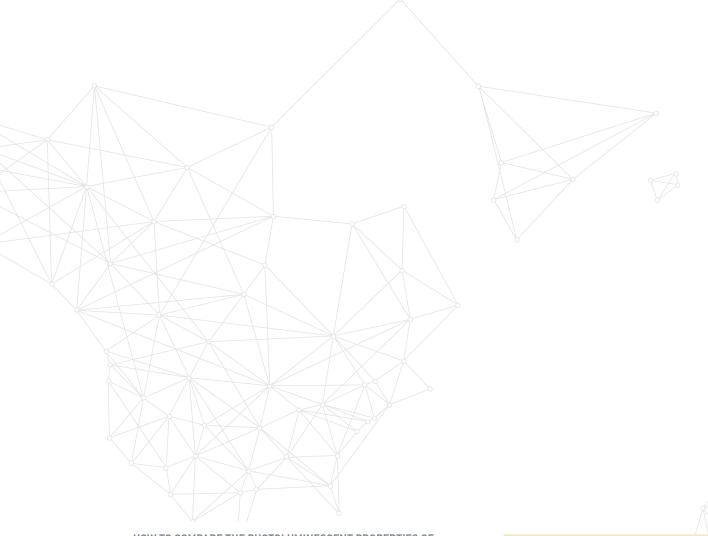
- APTA SS-PS-002-98, Rev. 3 – Standard for Emergency Signage for Egress/ Access of Passenger Rail Equipment
- APTA SS-PS-004-99, Rev. 2 – Standard for Low-Location Exit Path Marking
- APTA RT-VIM-S-026-12 – Rail Transit Vehicle Passenger Emergency Systems

The Everlux catalogue for Public Transportation contains a diversified product range that will help in achieving compliance with these requirements.

www.everluxtransport.com

HOW TO COMPARE THE PHOTOLUMINESCENT PROPERTIES OF SAFETY SIGNS:

1. Ideally, the test will be conducted in a room that is lit by fluorescent lighting and that is completely dark after the light source has been removed (storerooms or cupboards are ideal).

2. Lay out a selection of photoluminescent safety signs with the printed surface facing upwards towards the light source. Ideally, the safety signs will be within 8" of the light source and will need to be exposed to the light for 5 minutes.

3. After the 5 minutes exposure time is complete, turn the signs face down and switch off the light. Leave the signs face down for 2 minutes and then turn them back over so that they are face up and leave the light switched off.

4. In the darkened room you will be able to see the photoluminescent effectiveness of the safety signs. By observing the safety signs over a 15 minute period you will be also be able to observe the respective reduction in intensity/brightness between the photoluminescent safety signs. More often than not, Everlux photoluminescent safety signs and products shine brighter, and for longer, than other comparable products.