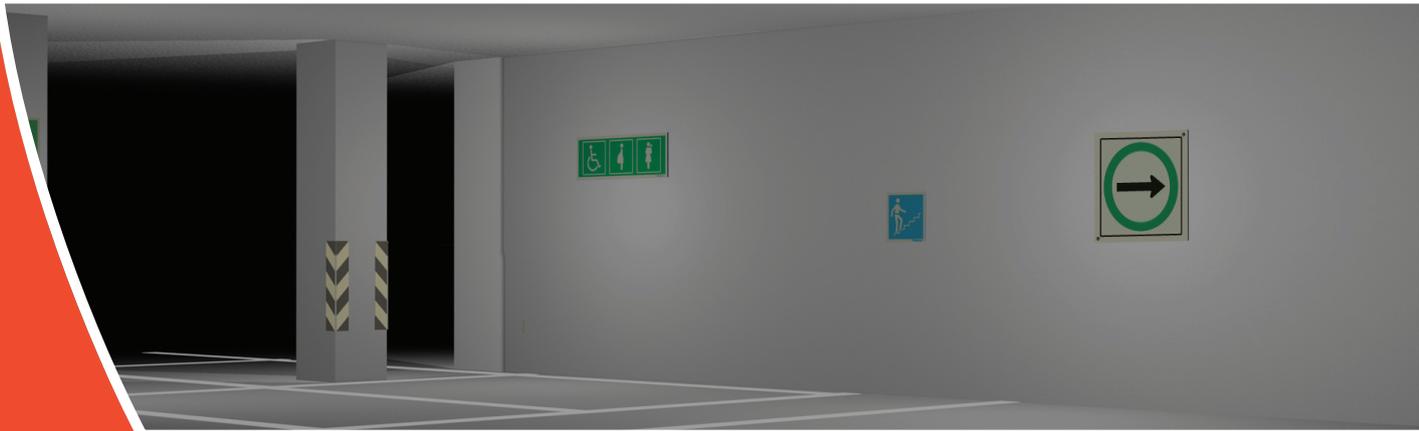
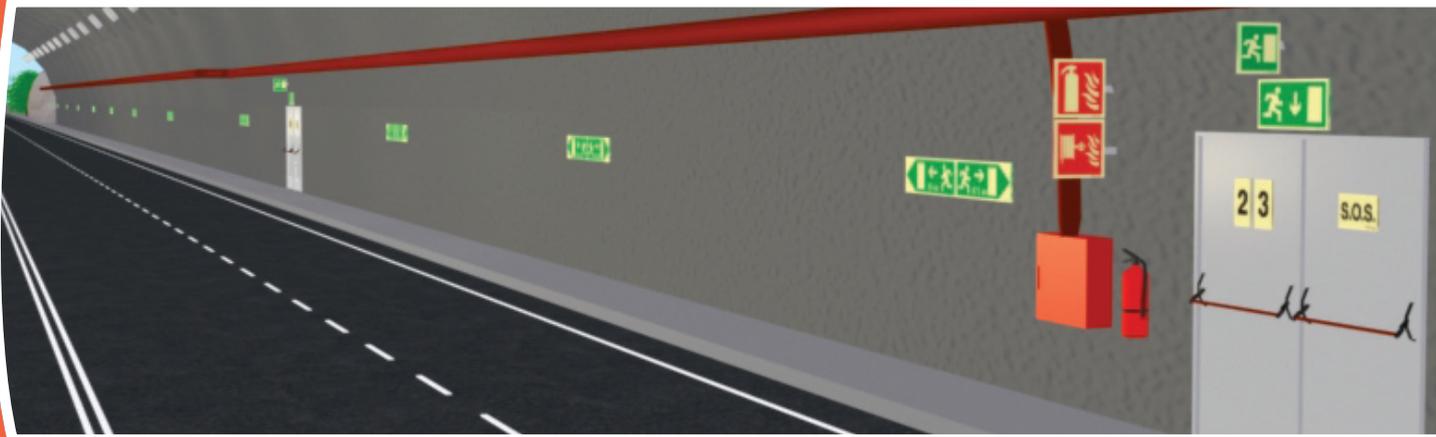




Everlux[®]

Photoluminescent safety signs



Everlux®

Photoluminescent safety signs

Photoluminescent safety signs at high and intermediate location levels.
The photoluminescent properties are above those required by all international and national standards.

Everlux®-LLL

Photoluminescent path marking system - low location lighting system

Photoluminescent safety signs for low location level (pages 36 to 49).
The photoluminescent properties are above those required by all international and national standards.
Signs manufactured with pigments which allow a quick storage of energy even in places with reduced levels of light (with a minimum of 25 lux).

Everlux®-AL

Aluminium photoluminescent signs for tunnels

Photoluminescent safety signs for outdoor, road and rail tunnels.
Signs manufactured with the pigments used in the Everlux LLL range which allow the quick storage of energy even in places with reduced levels of light. These signs have an aluminium base which guarantees high resistance to the hostile environment where they are installed (high temperature variations and washing with high pressure hoses). For more information and to access the available signs please refer to pages 87 to 93 of the general Everlux UK catalogue.

Everlux®-RL

Reflecto-luminescent signs

Reflecto-luminescent safety signs (pages 50 to 57).
These signs have retro-reflective and photoluminescent properties, that is, they are visible by both incidence of light (retro-reflective) and in the dark (photoluminescent).
They are the ideal solution for places where both vehicles and people circulate simultaneously, and in situations where maintenance, authorities and rescue personnel use torches to be able to see in the dark.

Kits and Accessories

Ready made marking solutions and accessories for specific installations.
Pages 58 to 61

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How to order

All Ⓢ Everlux®, Ⓢ Everlux®-LLL, Ⓢ Everlux®-AL and Ⓢ Everlux®-RL signs have a unique 5 digit code. To order, you need to indicate the following:

- 1 - The product code;
- 2 - The size (mm);
- 3 - The type of sign (see page 10). If not indicated, Type 1 will be supplied.

Example:

The sign is available in the following sizes 300x150; 400x200; 600x300 and also in type 1, 2 or 3.

To order the above sign in 400x200 in Type 1, shall be indicated:
C 00 38 - 400x200 - Type 1



(mm)
 300x150
 400x200
 600x300

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



LIGHT TONES



WHITE | BLACK | GREY



DARK TONES



GOLD/ SILVER



NATIONAL LEGISLATION	
NBC 2010 - National Building Code of Canada	
Provincial building regulations based on NBC	
Ontario Building Code 2012	
British Columbia Building Code 2012	
Newfoundland and Labrador Regulation 2012	
Manitoba Building Code 31/2011	
Nova Scotia Building Code Regulations made under Section 4 of the Building Code Act - N.S. Reg. 330/2013	
Yukon Building Standards Regulation OIC 2014/56	
Prince Edward Island Provincial Building Code Act 2012	
Nunavut Building Code Act, SNu 2012	
Northwest Territories Fire Prevention Regulations R-008-2012	
Quebec Safety Code 2013: Quebec Safety Code, Chapter VIII – Building, and National Fire Code of Canada 2010 (amended)	
Other provincial building regulations	
Alberta Building Code 2006	
Quebec Construction Code 2008: Quebec Construction Code, Chapter I, Building, and National Building Code of Canada 2005 (amended)	
NFC 2010 - National Fire Code of Canada	
Provincial legislation based on NFC	
Ontario Fire Code (O. Reg. 213/07) 2013	
British Columbia Fire Code 2012	
Manitoba Fire Code Regulation 155/2011	
Saskatchewan Fire Code 2013 ?	
Nova Scotia Fire Safety Regulations made under Section 51 of the Fire Safety Act - N.S. Reg. 102/2013	
Quebec Safety Code 2013: Quebec Safety Code, Chapter VIII – Building, and National Fire Code of Canada 2010 (amended)	
Other provincial fire prevention legislation	
Alberta Fire Code 2006	
New Brunswick Fire Technote 2013-01 Pictogram Exit Sign	

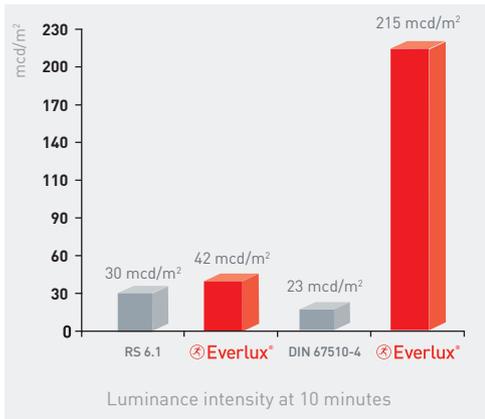
NATIONAL AND INTERNATIONAL STANDARDS	
CAN/ULC-S572-10	Standard for Photoluminescent and self-luminous Exit Signs and Path Marking Systems required by National Building Code of Canada 2010
Reference Standard 6-1 and RS 6-1 A	Photoluminescent Exit path Markings, required by Local Law 26 of 2004, New York City Building Code § 27-383(b)
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
NFPA 101	Life Safety Code
Guide for the Installation of Photoluminescent Exit Stairway Markings in Buildings by National Research Council Canada and Public Works and Government Services Canada	

Note: the absence of the date (year), means that the document is used in the last version published upon editing this catalogue



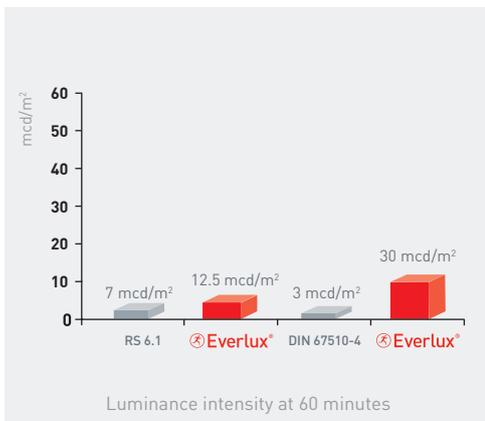
 **Everlux**[®]

Technical properties



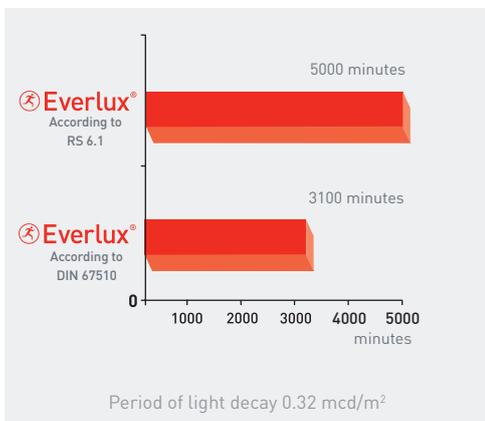
Time after removing the exciting light (in minutes)	Luminance Intensity (mcd/sqm)			
	RS 6.1 (2005)	 Everlux®	DIN 67510-4: 2008	 Everlux®
10 minutes	30 mcd/m ²	42 mcd/m ²	23 mcd/m ²	215 mcd/m ²
	Test method RS 6.1 A (2005)		Test method DIN 67510-1:2009	

Indicate the measurement, in millicandelas per square meter (mcd/m²), of sign's luminance intensity, 10 minutes after removing the light source.



Time after removing the exciting light (in minutes)	Luminance Intensity (mcd/sqm)			
	RS 6.1 (2005)	 Everlux®	DIN 67510-4: 2008	 Everlux®
60 minutes	7 mcd/m ²	12,5 mcd/m ²	3 mcd/m ²	30 mcd/m ²
	Test method RS 6.1 A (2005)		Test method DIN 67510-1:2009	

Luminance intensity 60 minutes after removing the light source.



Luminance intensity greater than 0,32 mcd/m ²	Period of light decay (minutes)			
	RS 6.1 (2005)	 Everlux®	DIN 67510-4: 2008	 Everlux®
	-	5000 minutes	-	3100 minutes
	Test method RS 6.1 A (2005)		Test method DIN 67510-1:2009	

Period of light decay: This is the time in minutes, during which luminance intensity is higher than 0,32 mcd/m², a value approximately 100 times greater than the limit of visibility.

Material: 2 mm thick photoluminescent rigid plastic.

Printing: Silk-screen printing, high quality gloss paint with UV resistance and a 5-year warranty.

Surface: Antistatic and easy to clean.

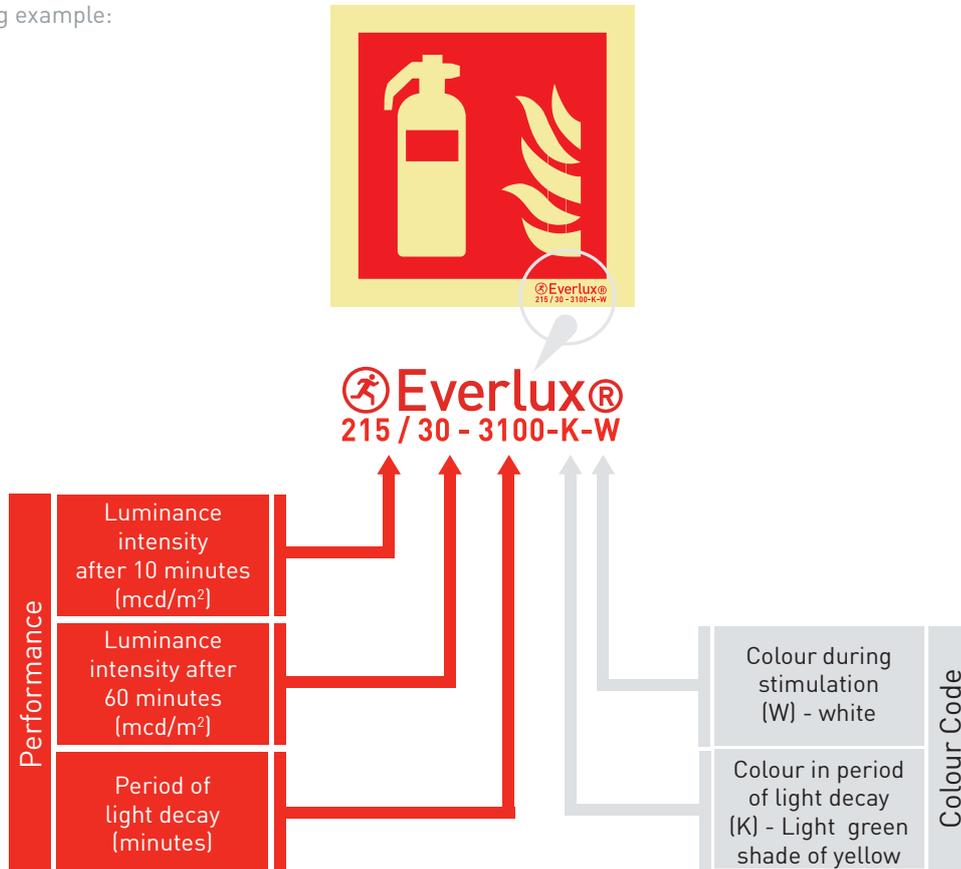
Fire Resistance: According to ASTM D 635-10, the Everlux products are classified HB (HB = horizontal burning) and are Class CC1 according to the IBC (International Building Code).

Chemical Characteristics: Non-radioactive, non-phosphorous, lead-free and non-toxic.

Sign performance and technical properties

The photoluminescent characteristics and performance values are printed on all Everlux signs as per DIN 67510 standard requirements (the photoluminescent is activated with a non-diffusing, unfiltered, continuous short xenon-arc source of light of 180 W, providing a mean illuminance of 1000 lux on the surface, for 5 minutes).
The DIN 67510 standard is used because it is a reference worldwide. Independently of the local/country where the photoluminescent safety sign is on use, the Performance marking on the sign provides consumers with the appropriate information and the guarantee of a high quality product.

Please see the following example:



The Marking of the luminance performance properties on each sign, helps specifiers and consumers to make informed decisions about the signs that are to be used.

Listed signs Under process. The evaluation process of Everlux signs according to the CAN-ULC S572-10 (Standard for photoluminescent and self-luminous exist signs and path marking systems), as proof that Everlux product has been independently tested and meets the applicable published safety standard. Be aware that as soon as possible this information will be updated.

Evaluated to the UL924 Performance standard



The quality of safety signs is ensured by a continuous quality control system and all  Everlux[®] photoluminescent products have the Lloyd's Register Type Approval Certificate.

All the measuring methods to evaluate the luminance performance of Everlux photoluminescent safety signs, as per ISO and DIN standards, among other referentials, are carried out in our certified laboratory with suitable and calibrated equipments.

Company certifications:



Certifies our organisation's quality management system (QMS)



Certifies our organisation's environmental management system (EMS)



Certifies our organisation's occupational health and safety management



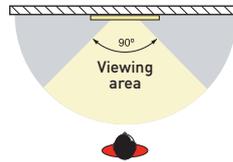
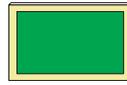
Installation

Different types of application require different alternatives for mounting signs

For the correct functioning of signs, they must be mounted according to the appropriate viewing angle.

Type 1 (single-sided)

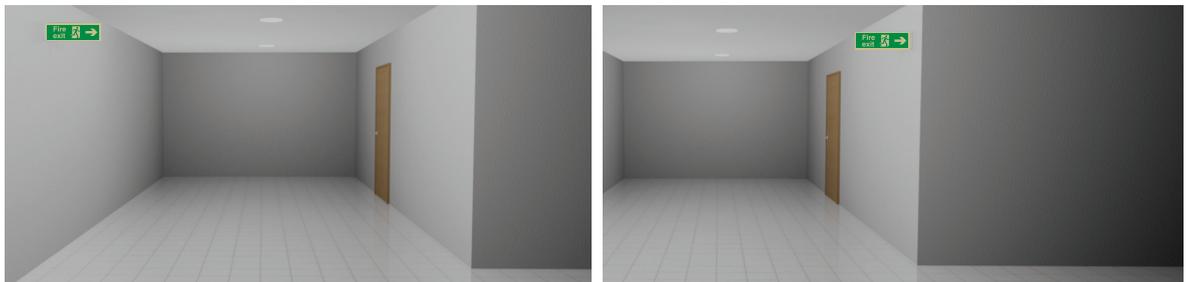
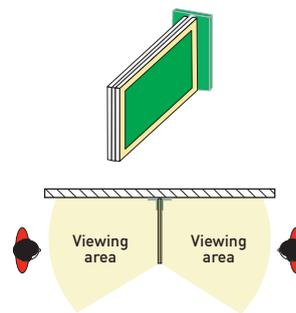
Parallel wall mounted sign.



Type 2 (double-sided)

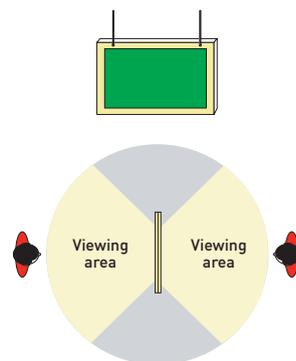
A Type 2 sign is mounted perpendicularly to the wall by means of either a rigid aluminium or flexible plastic bracket. The flexible bracket consists of a plastic strip which enables the perpendicular installation of a double-sided Type 2 sign and was developed with the aim of allowing a sign to swing through a 180 radius without breaking if struck.

Please specify which bracket type is required when ordering.



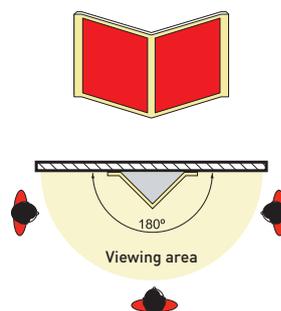
Type 3 (double-sided)

A Type 3 suspended double-sided sign is to be hung from the ceiling. The sign is supplied with holes drilled in the top corners which allow the appropriate fixings to be used (fixings not supplied).



Type P (panoramic signs)

The sign with the greatest visibility. These signs are printed on both exterior surfaces and guarantee a viewing angle of 180°.



Sizes and viewing distances

The size of the sign is defined by the maximum viewing distance from which the sign is understandable. The table below shows the maximum viewing distances of each  Everlux® sign, according to ISO 3864-1:2011. The viewing distance at which a sign of a particular size is conspicuous and comprehensible depends on the illumination of the sign.

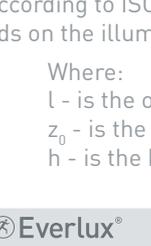
$$l = z_0 x h$$

Where:

l - is the observation distance (m);

z_0 - is the distance factor;

h - is the height of the sign (mm).

Geometric Shape	Meaning	 Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	$(z_0=60)$	100x100	80	5
		120x120	98	6
		150x150	131	8
		200x200	180	11
		300x300	278	17
		400x400	376	23
		600x600	560	34
	Escape route and fire fighting equipment signs $(z_0=60)$	100x200	180	11
		100x240	222	13
		100x300	280	17
		150x75	55	3
		150x300	276	17
		150x400	380	23
		200x70	55	3
		200x75	55	3
		200x100	80	5
		200x300	180	11
		200x400	380	23
		240x85	65	4
		300x70	57	3
		300x100	80	5
		300x120	98	6
		300x150	129	8
		300x200	180	11
		300x400	376	23
		400x150	131	8
		400x120	98	6
400x200	180	11		
600x200	180	11		
600x300	276	17		
900x300	276	17		
1200x600	520	31		
150x200 (*)	129	8		
200x300 (*)	180	11		
300x400 (*)	276	17		
	ISO 7010-E001 and -E002 emergency exit signs $z_0=95$	150x150	150	14
		200x200	200	19
		300x300	300	29
		400x400	400	38
	Prohibition and mandatory action signs $(z_0=60)$	100x150	80	5
		150x150	129	8
		150x200	129	8
		200x200	180	11
		200x300	180	11
		300x100	80	5
		300x300	278	17
		300x400	278	17
		400x400	376	23
600x600	560	34		
	Hazard signs $(z_0=60)$	base 150	94	6
		base 200	130	8
		base 300	193	12
		300x100	80	5

(*) Signs with complementary text for which only the height of the pictogram is relevant for the calculation of their observation distance.

Note: The distance factor (z_0) is assumed as a general value of 60 as defined by ISO 3864-1:2011. For ISO 7010-E001 and -E002 emergency exit signs the recommended value of z_0 is 95 considering an illuminance range between 5 and 100 lux. Over the illuminance range up to about 100 lx, z_0 increases according to ISO 3864-1:2011.

Installation

For a sign to be visible and understood

The size of the sign is chosen according to the maximum viewing distance and the layout of the premises. However, the viewing distance at which a sign of a particular size is conspicuous and comprehensible depends on the sign category, illumination factors and level of detail.

The larger the sign the greater the viewing distance will be.



Note: Everlux listed exit signs have mentioned onto the signs the viewing distance with a minimum of illumination, according to CAN-ULC S572-10.

Signs for high and intermediate location level

Signs positioned at a high level are intended for all users of a building. Therefore, they shall be installed at a height above 1.8m (5.91ft). This way the presence of people or objects located between the equipment and the user does not obstruct the visibility of the signs.

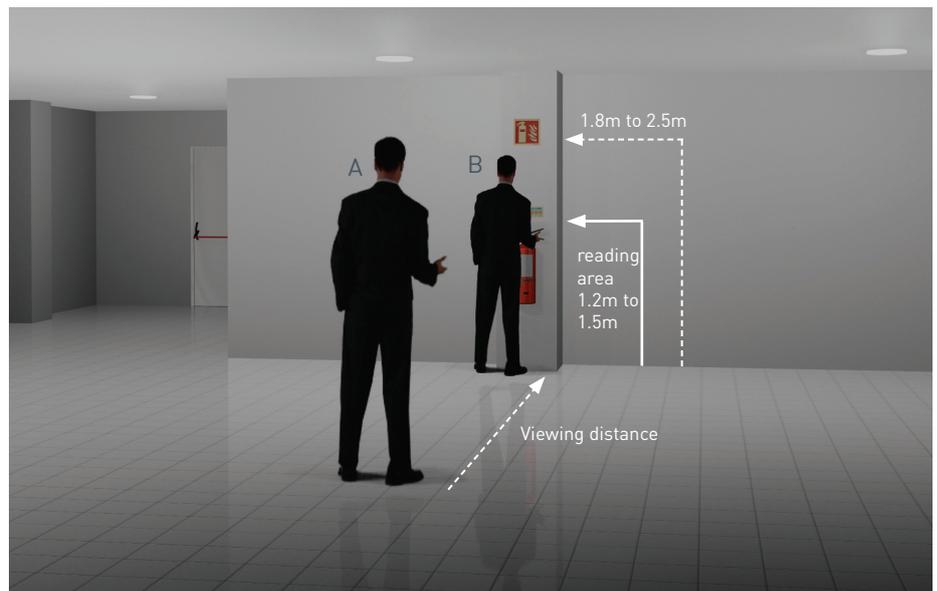
Signs located at an intermediate location level are intended for the user of the identified equipment. This signage contains complementary information advising the correct usage of the equipment and should therefore be installed at a height of between 1.2m (3.94ft) and 1.5m (4.92ft).

Example (fire extinguisher):

Person A is able to see the extinguisher sign because it is located above 1.8m although the fire extinguisher itself is not visible (person B is obstructing its visibility).

The size of the fire extinguisher sign should be chosen according to the distance between Person A and the equipment.

Person B, who is going to use the fire extinguisher should have instructions on how to use it located at eye-level (between 1.2 and 1.5m). Since this sign is intended for the user of the equipment its size should allow a clear understanding.



Size conversion table: mm/inches

mm	inch	mm	inch	mm	inch
57x57	2.24 x 2.24	200x150	7.87 x 5.91	680x100	26.77 x 3.94
57x107	2.24 x 4.21	200x200	7.87 x 7.87	680x150	26.77 x 5.91
60x60	2.36 x 2.36	200x300	7.87 x 11.81	680x200	26.77 x 7.87
70x200	2.76 x 7.87	200x400	7.87 x 15.75	800x35	31.5 x 1.38
75x150	2.95 x 5.91	210x297	8.27 x 11.69	800x57	31.5 x 2.24
75x200	2.95 x 7.87	240x85	9.45 x 3.35	800x83	31.5 x 3.27
80	3.15	300x70	11.81 x 2.76	900x16	35.43 x 0.63
83x83	3.27 x 3.27	300x100	11.81 x 3.94	900x25x25x25	35.43x0.98x0.98x0.98
83x158	3.27 x 4.65	300x150	11.81 x 5.91	900x27	35.43 x 1.06
100x100	3.94 x 3.94	300x200	11.81 x 7.87	900x35	35.43 x 1.38
100x150	3.94 x 5.91	300x300	11.81 x 11.81	900x57	35.43 x 2.24
100x200	3.94 x 7.87	300x400	11.81 x 15.75	900x83	35.43 x 3.27
100x240	3.94 x 9.45	400x120	15.75 x 4.72	900x65	35.43 x 2.56
100x300	3.94 x 11.81	400x150	15.75 x 5.91	900x300	35.43 x 11.81
107x57	4.21 x 2.24	400x200	15.75 x 7.87	900x600	35.43 x 23.62
120x120	4.72 x 4.72	400x300	15.75 x 11.81	1200x35	47.24 x 1.38
150x75	5.91 x 2.95	400x400	15.75 x 15.75	1200x37	47.24x1.46
150x150	5.91 x 5.91	600x60	23.62 x 2.36	1200x57	47.24 x 2.24
150x200	5.91 x 7.87	600x100	23.62 x 3.94	1200x60	47.24 x 2.36
150x300	5.91 x 11.81	600x100x100	23.62 x 3.94 x 3.94	1200x83	47.24 x 3.27
150x400	5.91 x 15.75	600x200	23.62 x 7.87	1200x100	47.24 x 3.94
158x83	6.22 x 3.27	600x300	23.62 x 11.81	1200x600	47.24 x 23.62
200x70	7.87 x 2.76	600x400	23.62 x 15.75	2000x35	78.74 x 1.38
200x75	7.87 x 2.95	600x600	23.62 x 23.62	2000x57	78.74 x 2.24
200x100	7.87 x 3.94	680x50	26.77 x 1.97	2000x83	78.74 x 3.27

m	feet
10mx35mm	32.81ft x 1.38in
10mx57mm	32.81ft x 2.24in
10mx83mm	32.81ft x 3.27in

Everlux evacuation plan sizes		ANSI evacuation plan sizes			ISO evacuation plan sizes		
mm	in		mm	in		mm	in
200x300	7.87x11.81	A	216 x 279	8.5 x 11	A4	210 x 297	8.27 x 11.69
400x300	15.75x11.81	B	279 x 432	11 x 17	A3	297 x 420	11.69 x 16.54
600x400	23.62x15.75	C	432 x 559	17 x 22	A2	420 x 594	16.54 x 23.39
900x600	35.43x23.62	D	559 x 864	22 x 34	A1	594 x 841	23.39 x 33.11

Emergency signs

Listed signs in accordance to CAN ULC-S572-10

(mm)

Soon available



C 00 01



C 00 02



C 00 03

(mm)

Soon available



C 00 11



C 00 12

(mm)

Soon available



C 00 21



C 00 22

Exit signs in accordance with ISO 7010:2011

(mm)

300x150
400x200
600x300
1200x600



C 00 31



C 00 32



C 00 33



C 00 34



C 00 35



C 00 36



C 00 37



C 00 38



C 00 39



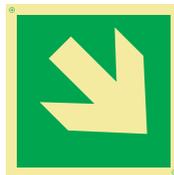
C 00 40

(mm)

100x100[*]
120x120[*]
150x150
200x200
300x300
400x400



[*]C 00 51



[*]C 00 52



[*]C 00 53



[*]C 00 54

[*] Also available
in self adhesive in
that size

(mm)

150x200
200x300
300x400



C 00 61



C 00 62



C 00 63

Exit signs in accordance with ISO 7010: 2011



Area of refuge signs



Emergency signs

Escape route signs for people with reduced mobility

(mm)
300x150
400x200
600x300



C 02 51



C 02 52



C 02 53



C 02 54



C 02 55



C 02 56



C 02 57



C 02 58

(mm)
150x150
200x200
300x300



C 02 71



C 02 72

Assembly point signs in accordance to ISO 7010: 2011

(mm)
150x150
200x200
300x300
400x400



C 02 81

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.

(*]Ensure protective film is considered when installing signs in exposed areas.

(mm)
150x200
200x300
300x400



C 02 82



C 02 83

Escape door mechanism signs in accordance to ISO 7010: 2011

(mm)
100x100
150x150
200x200
300x300



C 02 91



C 02 92



C 02 93

(mm)
70x200
100x300



[*]C 03 01



[*]C 03 02



[*]C 03 03



[*]C 03 04

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.

(*] Also available in self-adhesive

Escape door mechanism signs in accordance to ISO 7010: 2011

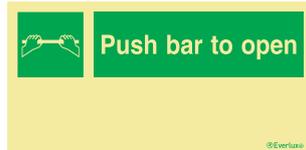
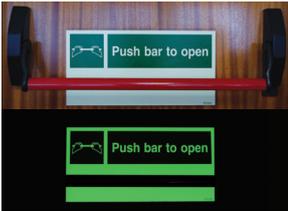


(mm)
100x240

Also available
in self-adhesive
page 31

C 03 11

C 03 12



C 42 01



C 42 02

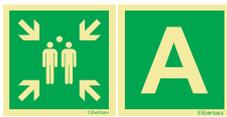


(mm)
300x150
400x200
600x300

Also available
in self-adhesive
page 31

Photoluminescent numbers and letters

e.g.



C 03 2A

...



C 03 2Z



C 03 30

...



C 03 39



(mm)
100x100
150x150
200x200
300x300

Floor level and stair identification signs

Placed at identical location points on each floor (e.g. landings) these signs are of great importance. They enable people to orientate themselves at all times, thereby reducing the risk of disorientation which can cause confusion and lead to panic.



(mm)
300x150



C 04 01



C 04 02



C 04 03



C 04 04

e.g.



C 04 50

C 04 51

C 04 52

C 05 59



(mm)
75x150



C 04 7A



C 04 7B



C 04 7C



C 04 7Z



C 04 7B

Floor level and stair identification signs



C 05 01



C 05 02



C 05 03



C 05 04



(mm)
300x150

Emergency signs

Signs for emergency equipment

(mm)
150x150
200x200
300x300
400x400



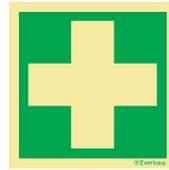
C 06 01



C 06 02



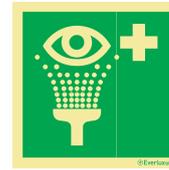
C 06 03



C 06 04



C 06 05



C 06 06



C 06 07



C 06 08



C 06 09



C 06 10



C 06 11



C 06 12



C 06 13



C 06 14



C 06 15



C 06 16



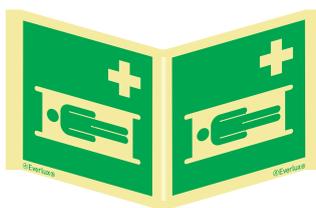
C 06 17

Panoramic signs

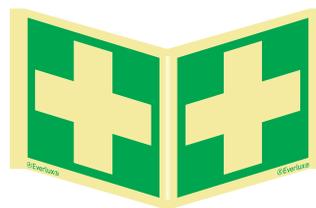
(mm)
100x100
150x150
200x200
300x300



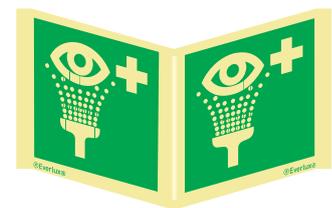
C 07 01



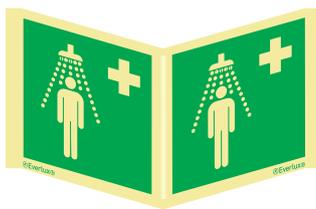
C 07 02



C 07 03



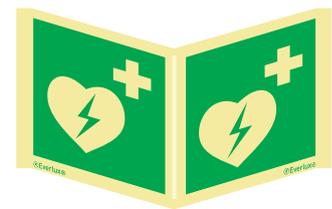
C 07 04



C 07 05



C 07 06



C 07 07

Fire fighting equipment signs

					 <p>(mm) 100x100 150x150 200x200 (*)300x300 (*)400x400</p> <p>(*) Also available in this size</p>  <p>For panoramic signs please see page 20</p>
[*]C 10 01	[*]C 10 02	[*]C 10 03	C 10 04	C 10 05	
					
[*]C 10 06	C 10 07	C 10 08	C 10 09	[*]C 10 11	[*]C 10 10

						 <p>(mm) 150x200 200x300 (*)300x400</p> <p>(*) Also available in this size</p>
C 10 31	[*]C 10 32	[*]C 10 33	C 10 34	[*]C 10 35	C 10 36	
						
C 10 37	C 10 38	C 10 39	[*]C 10 40	C 10 41	[*]C 10 42	
						
C 10 43	[*]C 10 44	C 10 45	C 10 46	C 10 47	C 10 48	

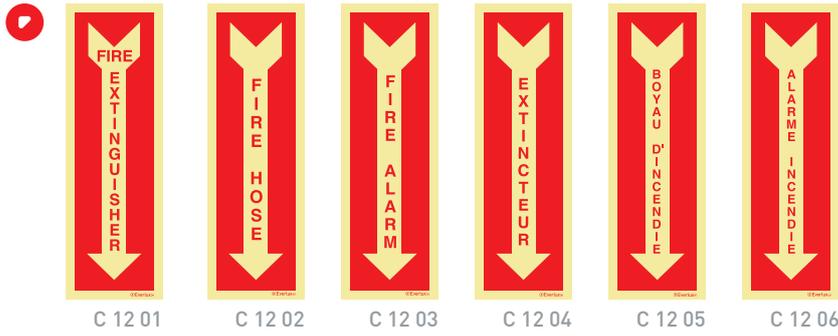
Fire fighting equipment signs

Whenever the fire fighting equipment and its sign are not visible from the line of vision, extra location signs with directional arrows can be used to further clarify the location of such equipment.

			 <p>(mm) 100x200 150x300 200x400</p>
C 11 11	C 11 12	C 11 13	

Fire fighting equipment signs

(mm)
300x100



(mm)
150x200
200x300
300x400

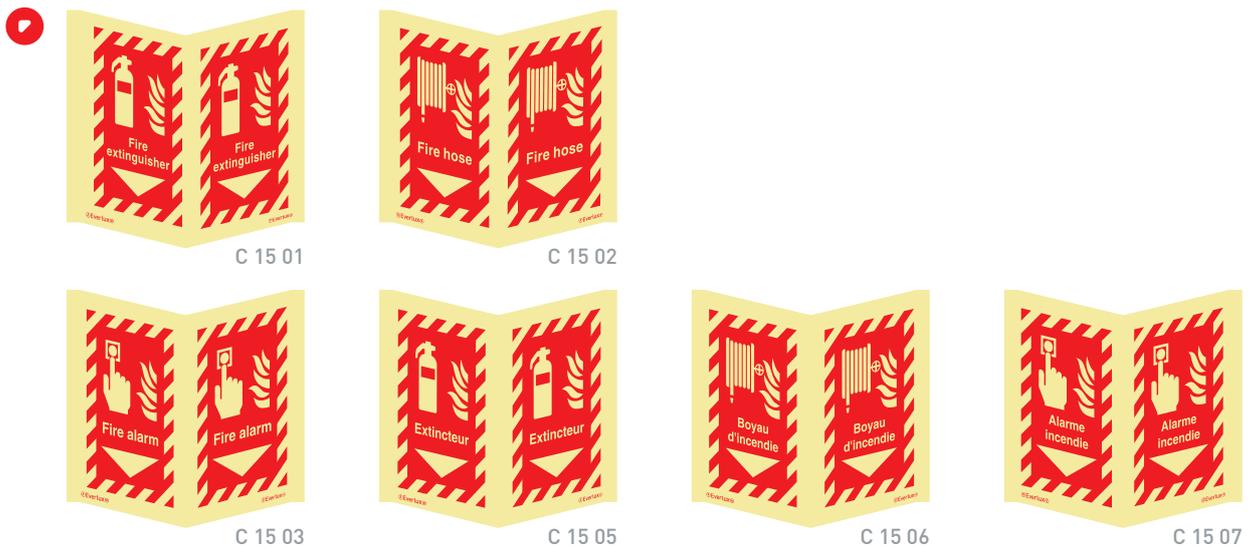


Panoramic signs

(mm)
100x100(*)
150x150
200x200
300x300
(*) Also available
in this size



(mm)
150x200
200x300
300x400



(mm)
150x300
200x400



Fire extinguishers identification signs (portrait format)

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 to use them on.

 (mm)
 75x200




Codes C 16 01 - C 16 14 (portrait style) are also available in self-adhesive at no extra cost and are ideal for fire extinguisher stands, fire-hose cupboards 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.

Numbered fire extinguishers identification signs (landscape format)

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. The numbers are printed in black on self-adhesive transparent vinyl. The same number/s should correspond with the fire extinguisher and the ID sign in order to ensure that fire extinguishers remain in the original location and will not be misplaced confused with another one.

 (mm)
 240x85




Numbered fire extinguishers identification signs (landscape format)

(mm)
240x85



C 17 51



C 17 52



C 17 53



C 17 54



C 17 55



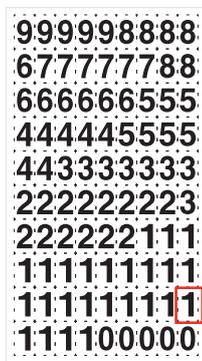
C 17 56



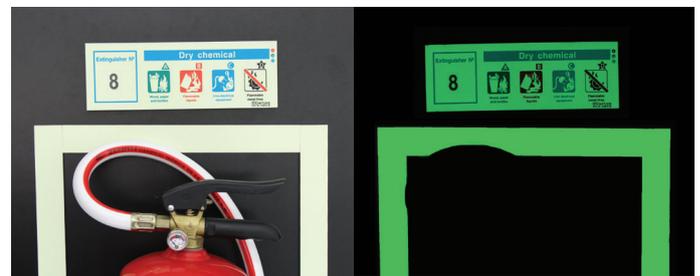
C 17 57

(mm)
210x297

There are 90 numbers supplied on the C 17 81 sheet (210x297mm). The most commonly used numbers are supplied in the greatest quantities. Each sheet should number up to 24 fire extinguishers.



C 17 81



Suppression system signs

(mm)
75x200[*]
150x200
200x300

[*] Only available in this size



C 18 01



C 18 02



[*]C 18 11



[*]C 18 12



[*]C 18 13



[*]C 18 14

Signs for elevators

					 	(mm) 150x200 200x300
C 19 01	C 19 02	C 19 03	C 19 04	C 19 05		

		(mm) 100x100
C 19 21		

			(mm) 100x150
C 19 22	C 19 23		

Fire actions notices

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.

			  	(mm) 150x200 200x300
C 19 51	C 19 52	C 19 53		

Fire doors

				(mm) 200x100 300x150
C 19 71	C 19 72	C 19 73		

Escape plan

Escape plans in accordance to ISO 23601: 2009

The ISO 23601:2009 standard establishes design principles for displayed Escape Plans that contain information relevant to fire safety, escape, evacuation and rescue of the facility's occupants. These plans may also be used by intervention forces in case of emergency and are intended to be displayed as signs in public areas and workplaces.

The Escape Plans shall be designed in accordance with the evacuation strategy of the facility and addresses the specific needs of the occupants of the premises or part thereof.

Escape Plans for hotels, schools, shopping centres, hospitals...

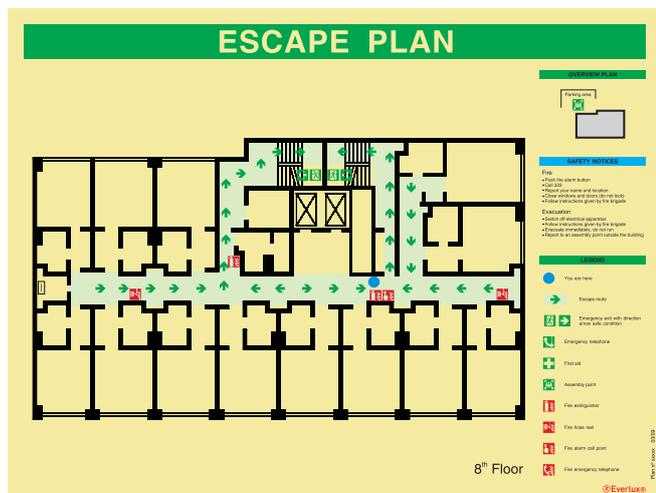
(mm)
400x300
600x400
900x600



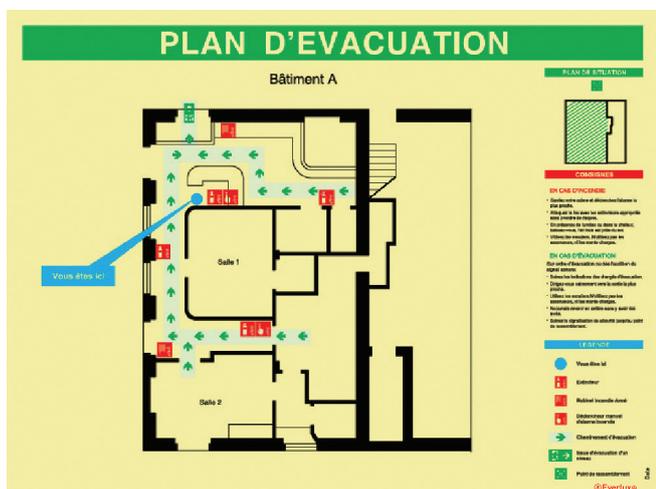
Escape Plans are a fundamental complement to safety signs. They illustrate the escape route and building layout and help to educate users of a building in the correct actions to adopt in an emergency situation. Escape Plans shall be located so that they are conspicuous in their environment of use and sited to ensure that they are accessible and readable to the intended user. Escape 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;
 - In every room, e.g. hotel rooms;
 - At appropriate congregation points, e.g. cafeterias, office centres, meeting rooms, etc
 - At principal junctions and intersections.

To comply with current legislation, employers should plan for emergencies and give appropriate training to their staff. Provide a full range of escape plans which are guaranteed to provide clear instruction by using symbols for escape routes, location of fire and alarm equipment, and safety instructions. Everlux® Escape Plans are oriented to ensure perfect guidance in an emergency situation.



C E0 01

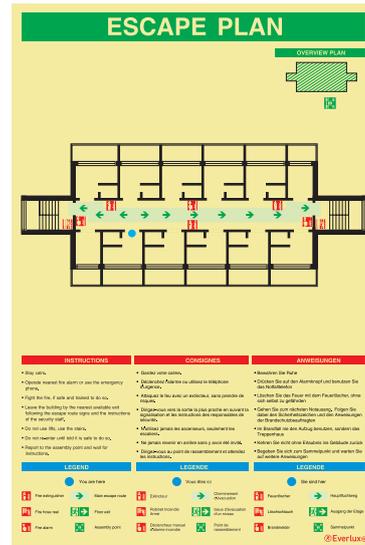
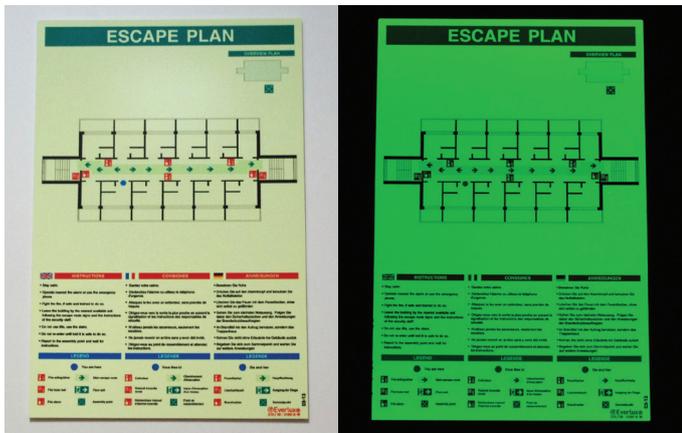


C E0 02

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

Escape Plans for hotels and care homes

Ⓢ Everlux® Escape Plans in a 200x300 format are appropriate for hotel rooms, guest house rooms, and care homes providing information of escape routes, location of fire equipment and safety instructions for guests and occupants.



(mm)
200x300

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

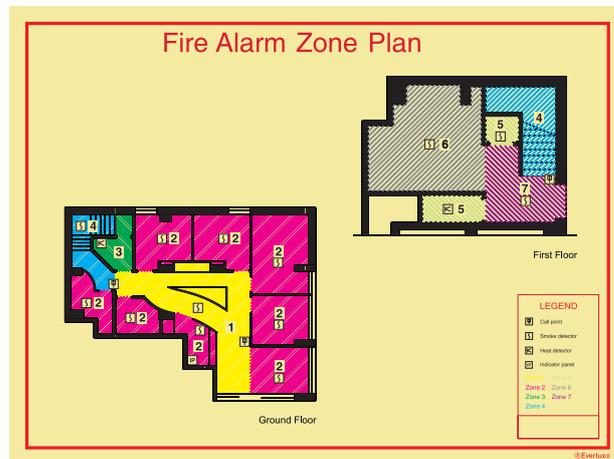
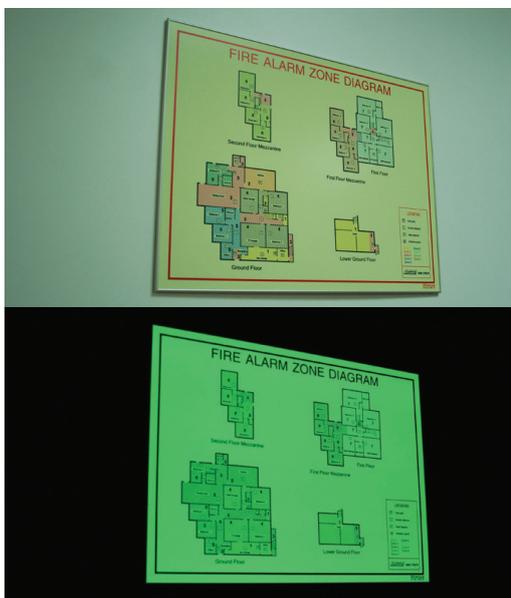
C E1 01

Fire Alarm Zone plans

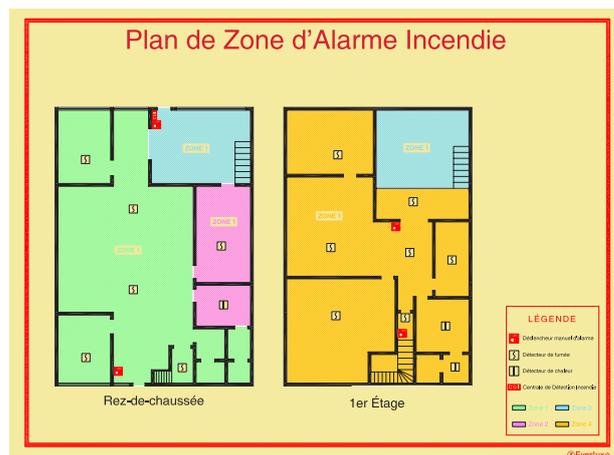
Ⓢ Everlux® fire alarm zone plans are a diagrammatic representation of a building, showing specific topographic information, the building entrances, the main circulation areas and the division of the building into detection zones and can also feature additional details including the location of manual call-points, heat & smoke detectors, sounders and the position of the alarm system's control and indicating panel within the building. They are designed to offer clear, instant understanding of the building layout and the location of specific alarm zones within it and can "enable fire-fighters, unfamiliar with the building, to proceed to the location of the fire". Ⓢ Everlux® fire alarm zone plans should be located in close proximity to all alarm system's control and indicating panel including any repeat panels.



(mm)
400x300
600x400
900x600



C E2 01



C E2 02

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

General safety signs

Warning signs

(mm)
150x200
200x300
300x400



The general collection of warning and hazard signs can be found at www.everlux.eu

Mandatory signs

(mm)
150x200
200x300
300x400



The general collection of mandatory signs can be found at www.everlux.eu

Prohibition signs

(mm)
150x200
200x300
300x400



The general collection of prohibition signs can be found at www.everlux.eu

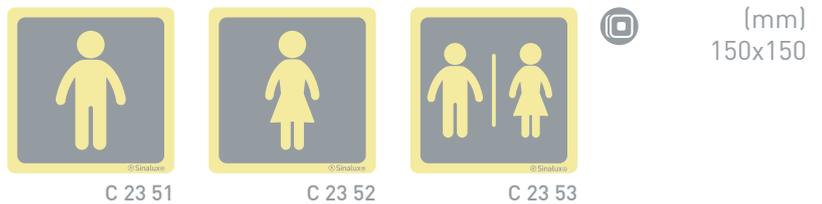
Prohibition signs



Ⓢ Sinalux® signs by Ⓢ Everlux® - Information signs



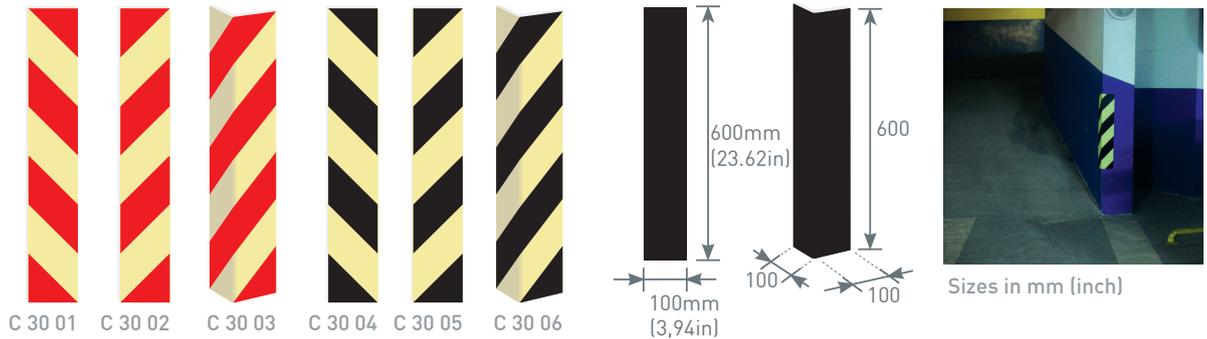
Ⓢ Sinalux® signs by Ⓢ Everlux® - Public information signs



Marking strips

Photoluminescent marking strips to identify hazardous areas

- Recommended for areas where people circulate especially to sign machines, pillars, corners, low-level fixed or protruding objects, dangerous areas, etc

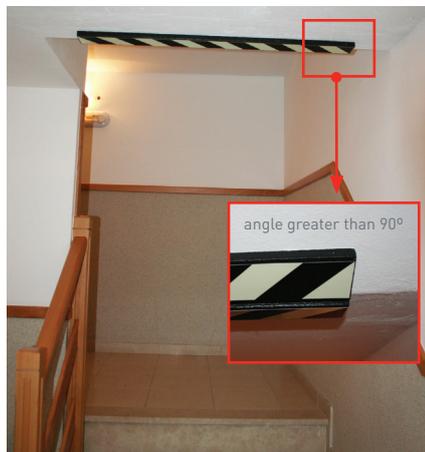


Everlux® safety bumper for flat surfaces and for edges

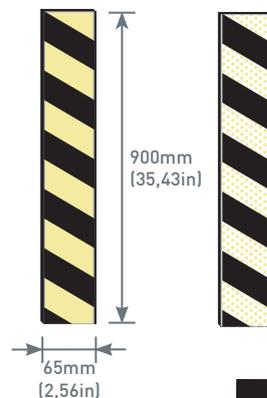
In all premises there are obstacles that can create a danger to the movement of people. Also pillars, tubes and other objects protruding from walls, pavements or ceilings can cause damage to users when they occur along the evacuation routes. The Everlux® safety bumpers allow the softening of the impact in a way to minimise the effects of a collision. As they are photoluminescent they not only minimise the consequences of the impact but also help to prevent it as they remain visible in any circumstances, even in the absence of light.

Technical Characteristics of Everlux® Bumpers

- Material: cellular neoprene
- Resistance to fire: self-extinguishing (ex-class M1)
- Coating: with photoluminescent material for Everlux® Bumpers; with a retroreflective canvas and a photoluminescent material for RL Everlux® Bumpers.

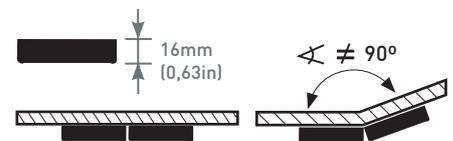


Bumper for flat surfaces C 30 11
RL bumper for flat surfaces C 30 12

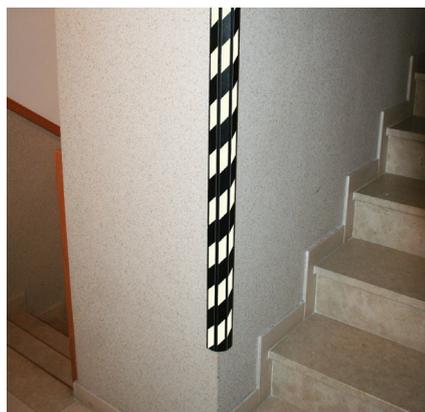


Various bumpers can be put side by side to offer a wider area of protection. Each bumper is supplied with a high adherence adhesive tape to allow it to be quickly and efficiently adhered to most common surfaces that are clean and free from dust.

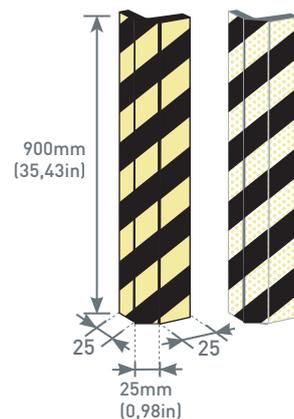
For angles other than 90°, flat bumpers should be used.



Sizes in mm (inch)

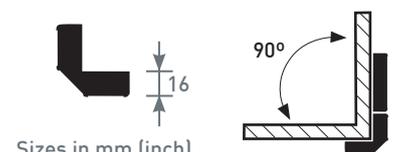


Bumper for edges C 30 21
RL bumper for edges C 30 22



Each bumper is supplied with two high adherence adhesive tapes (one for each internal surface) so as to allow it to be quickly and efficiently adhered to most common surfaces that are clean and free from dust.

This bumper can be applied together with the bumpers for flat surfaces (ref. 88 561) to increase the protection areas (see scheme below).

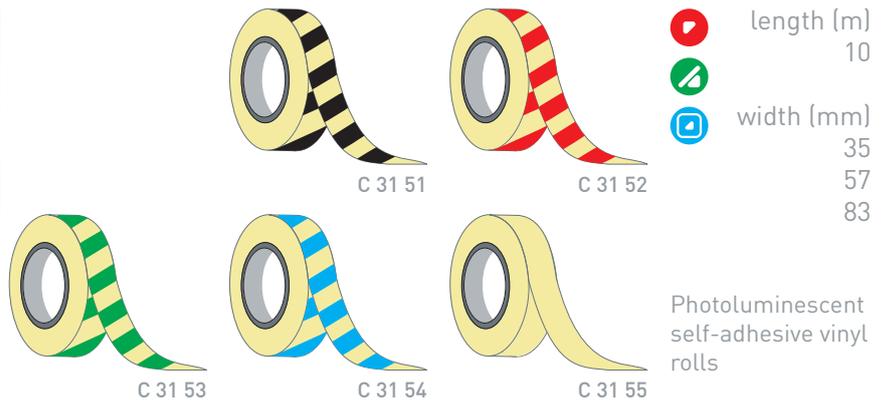
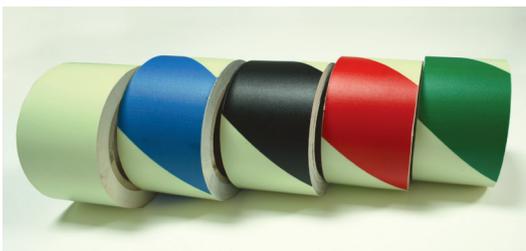
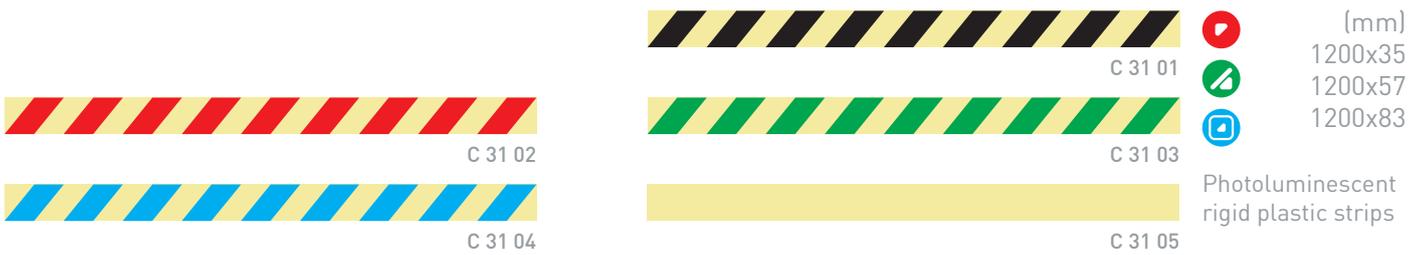


Sizes in mm (inch)

To highlight obstacles, hazards and safe areas

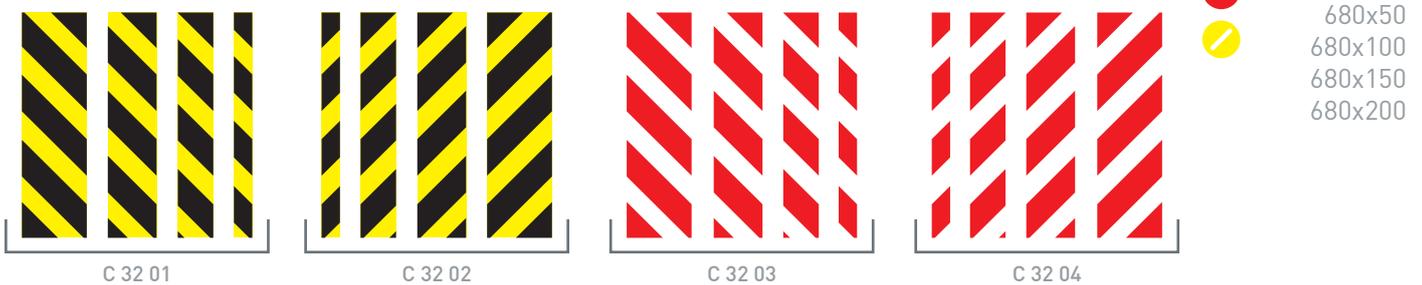
ISO 3864 - 1 specifies the following colour combinations for the layout of safety markings:

-  To identify the exact location of fire fighting equipment (effective alternative but not included in ISO 3864-1).
-  To warn of potential hazards e.g. obstacles, falling loads and changes of level.
-  To indicate prohibited areas or the location of fire fighting equipment.
-  To indicate safe areas or the location of emergency equipment.
-  To indicate mandatory instructions - e.g. "keep clear".



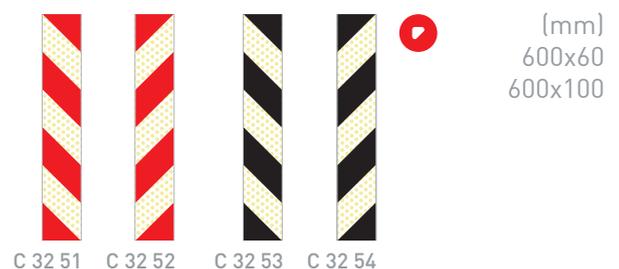
Self-adhesive reflective hazard warning strips to sign obstacles

Recommended for use in vehicle circulation areas to mark obstacles such as pillars and maximum heights

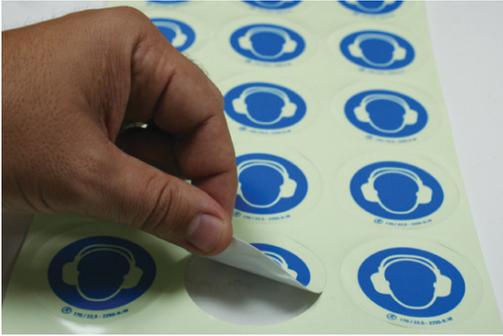


Available in self-adhesive reflecto-luminescent vinyls.

For product specifications see page 52



Safety signage for industrial equipment



These stickers are intended for industrial use and are a practical way of identifying the risks and the actions required in the use of machines and equipment. The stickers are produced on flexible self-adhesive vinyl and are supplied in sheets of 9 or 18 stickers.



(mm)
Diam. 60



C 41 01



C 41 02



C 41 03



C 41 04



C 41 05



C 41 06



C 41 07



C 41 08



C 41 09



C 41 10



C 41 31



C 41 32



C 41 33



C 41 34



C 41 35



C 41 36



C 41 37



C 41 38



C 41 39



C 41 40



C 41 41



C 41 42



(mm)
Diam. 60



C 41 61



C 41 62



C 41 63



C 41 64



C 41 65



C 41 66



(mm)
Diam. 60



C 41 67



C 41 68



C 41 69



C 41 70



C 41 71



C 41 72

Self adhesive signs

Ⓢ Everlux® Handrail kit



7 x strips - 900x16mm	C 41 91
7 x strips - 900x27mm	C 41 92
7 x strips - 900x35mm	C 41 93

The use of Ⓢ Everlux® Handrail strips ensures the visual identification of the handrail at all times. The strips are positioned along the top face of the handrail and provide evacuees with a heightened sense of safety whilst illustrating the handrail height, particularly in the event of an emergency and/or loss of electric power.

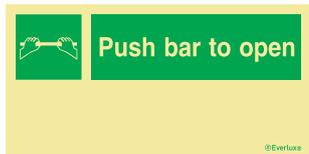
The kits are comprised of the following:

- 7 x Ⓢ Everlux® vinyl self-adhesive strips - for installation on the top face and along the full length of the handrail.

Ⓢ Everlux® vinyl handrail strips are 900mm long, 0.2mm thick and are self-adhesive. The width of the strip will be determined by the handrail's profile and top face dimensions.

Door mechanism signs

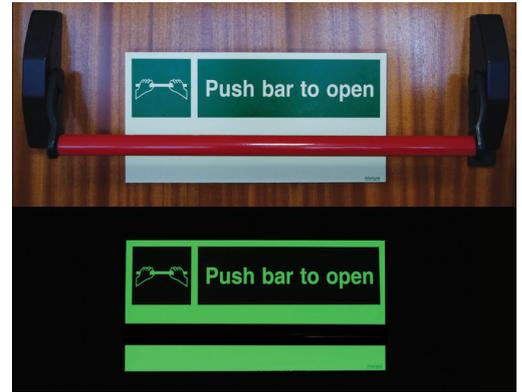
(mm)
300x150
400x200
600x300



C 42 01



C 42 02



(mm)
100x240



C 42 21



C 42 22

Directional strips for glass surfaces

(mm)
900x35
900x57
900x83



C 42 31

Using the Ⓢ Everlux® self-adhesive vinyl strips as a visual contrasting element is the ideal solution to easily identify glass doors whether they are open or closed.

Toilet identification

(mm)
Diam. 80



C 42 41



C 42 42



C 42 43



C 42 44



C 42 45



C 42 46

Self-adhesive photoluminescent signs supplied in sheets of 6 and 12 units



Signs for wind turbines

Signs for wind turbines

Wind power is a natural form of energy production that develops constantly, largely due to its renewable and inexhaustible nature. Unlike most other energy resources, wind power is a "clean" energy resource that does not require the combustion of pollutant waste or the destruction of natural resources.

In Canada, wind farms supply an increasingly significant contribution to the national production of electricity and this is reflected by the proliferation of wind turbines, all over Canada. A wind turbine is a large, technical, highly engineered structure which requires special safety considerations during all stages of its lifespan including manufacture, transportation, installation, operation and maintenance. Despite being remotely controlled, the isolated and remote location of many wind turbines often results in catastrophic destruction when an accident occurs, particularly fire.

However, the greatest likelihood of a fatal incident is during the installation and subsequent maintenance of a wind turbine. The requirement for High Access working means that, although exceptionally rare, falls can and do occur and are often fatal. This is further exacerbated by the lengthy time it takes emergency aid to reach the remote wind turbine locations.

ⓈEverlux® are acutely aware of the special safety requirements that apply to wind turbines and as such they have developed a range of signs that are specifically designed to meet the requirements of this unique industry. The range of signs is intended to convey Information, Warning, Prohibition and Mandatory messages that contribute to an increased awareness and understanding of the safety measures required, thereby reducing the risk of an accident. This range of signs has also been specifically developed to ensure that they fully comply with all existing legislative standards and with the material specifications that apply to wind turbines.



Signs specific for wind farms

(mm)
600x600[*]
1200x600

[*] Only available in this size



Project description: _____

Contractor's name: _____

Charter No.: _____


En case of emergency your meeting point is located at: _____


Maximum speed


No access
Authorized personnel only


Danger


Vehicles to move freight


Head protection must be worn


Protective footwear must be worn

C 60 01

Wind turbine No. _____


No access
Authorized personnel only


Head protection must be worn


Protective footwear must be worn


Danger


Danger
Overhead loads


Vehicles to move freight

[*]C 60 02

Nom du projet: _____

Nom du constructeur: _____

Permis de construire N°: _____


En cas d'urgence, votre point de rassemblement est situé : _____


Vitesse limitée


Entrée interdite
aux personnes non autorisées


Danger


Véhicules de manutention


Port du casque obligatoire


Port obligatoire des chaussures de sécurité

C 60 03

Eolienne No. _____


Entrée interdite
aux personnes non autorisées


Port du casque obligatoire


Port obligatoire des chaussures de sécurité


Danger


Charges suspendues


Véhicules de manutention

[*]C 60 04

Only available in rigid plastic and aluminium

Warning signs



C 60 11



C 60 12



C 60 13



C 60 14

(mm)
Diam. 80

Self-adhesive signs
supplied in sheets of
12 units



C 60 21

(mm)
300x100



C 60 22



C 60 23



C 60 24



C 60 25

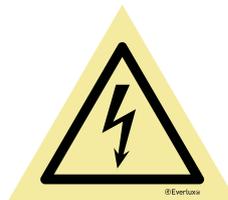


C 60 26



C 60 27

Only available in
self-adhesive vinyl



C 60 31



C 60 32



C 60 33

(mm)
base 150
base 200

Only available in
self-adhesive vinyl



C 60 35



C 60 36

(mm)
200x300
300x400

Only available in
rigid plastic and
aluminium

Signs for wind turbines

Prohibition signs

(mm)
Diam. 80

Self-adhesive sign
supplied in sheets
of 12 units



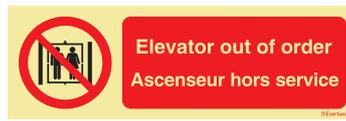
C 60 38

(mm)
300x100

Only available in
self-adhesive vinyl



C 60 41



C 60 42



C 60 43

(mm)
200x200

Magnetic sign



C 60 45

Mandatory and personal protective equipments signs

(mm)
Diam. 80

Self-adhesive signs
supplied in sheets of
12 units



C 60 51



C 60 52



C 60 53



C 60 54



C 60 55



C 60 56

(mm)
300x100

Only available in
self-adhesive vinyl



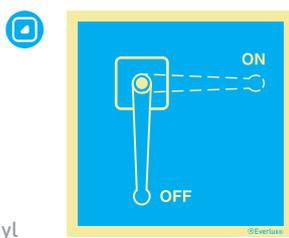
C 60 61

Signs for manually operated devices

(mm)
150x150
200x150(*)

(*) Only available
in this size

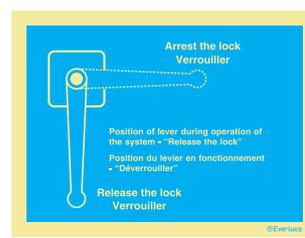
Only available in
self-adhesive vinyl



C 60 71



C 60 72



(*)C 60 73

Safety procedures

Emergency procedures - Procédures d'urgence

 **Call the emergency number 911**

- Where did the accident happen?
- How many injured?
- What kind of injuries?
- Wait for the questions!

Beware!

In case of accidents on the stairs, remove the victim from the stairs and provide first aid!
While hanging from the harness, the victim must remain upright squatting. Notify the doctor in charge.

Procedures in case of body injuries

1. Check if the victim is conscious: talk and gently shake the victim for a response.
2. Check if the victim is breathing normally. If not, provide rescue breathing and start cardiopulmonary resuscitation if necessary (15 chest compressions / 2 mouth to mouth insufflations / 15 chest compressions).
3. Take care of the wounds and place the victim into recovery position.

Procedures in case of fire

1. Leave the turbine, if possible, push EMERGENCY STOP button and "switch off" the turbine from the rat.
2. Set a large safety perimeter.

 **Appeler le numéro d'urgence 911**

- Où s'est passé l'accident?
- Combien de blessés ?
- Quel type de blessure ?
- Attendez les questions !

Attention!

En cas d'accident dans l'escalier, enlever la victime de l'escalier et fournir les premiers secours.
Tant que la victime est liée par la harnais, elle doit se mettre accroupie en position verticale. Informer le médecin d'urgence.

Procédures en cas de lésions corporelles

1. Vérifier si la victime est consciente (lui parler et la toucher)
2. Vérifier si la victime respire. Effectuer le bouche à bouche et la réanimation cardiopulmonaire, si nécessaire (15 massages cardiaques / 2 respirations bouche à bouche / 15 massages cardiaques)
3. Soigner les blessures et mettre la victime en position de récupération.

Procédures en cas d'incendie

1. Abandonner la turbine : si possible, presser le bouton d'ARRÊT d'URGENCE et « débrancher » la turbine du réseau.
2. Établir un large périmètre de sécurité.

Wear protective equipment when rescuing a person from the nacelle!
Do not use water to extinguish a fire in the transformer room!

Site: _____
Serial no.: _____
Operator name and phone no.: _____
Rescue centre: _____
Doctor/hospital: _____
24 hours emergency service: _____

Utiliser un équipement de sauvetage pour secourir les personnes de la nacelle!
Ne pas utiliser d'eau pour éteindre un incendie dans la salle du transformateur!

Installation: _____
N° de série: _____
Nom et N° de téléphone du technicien: _____
Centre de secours: _____
Médecin/hôpital: _____
Service d'urgence 24h: _____

©EverLux

C 60 81

Rescue breathing Respiration artificielle

Mouth to mouth / mouth to nose - Bouche à bouche/bouche à nez



Remove any debris from the victim's mouth.
Retirer tout objet se trouvant dans la bouche de la victime.



Tilt the victim's head back and lift the chin up.
Incliner la tête de la victime en arrière et relever son menton.



Look, listen and feel for breathing.
Observer, écouter et sentir si elle respire.



Blow into the mouth or nose while watching if chest rises.
Souffler dans la bouche ou le nez de la victime et observer si la poitrine monte.



When needed, chest compressions must be started by trained person.
Si nécessaire, un personnel formé devra procéder à des massages cardiaques.

Note: Do not interrupt rescue until medical assistance arrives.
Note: Ne pas interrompre le sauvetage jusqu'à l'arrivée de l'assistance médicale.

©EverLux

C 60 82



(mm)
200x300



Only available in self-adhesive vinyl

MANDATORY NOTICE! OBLIGATOIRE!

THE 5 GOLDEN RULES - LES 5 RÈGLES D'OR
IN ALL ELECTRICAL FACILITIES ENSURE THAT THE FOLLOWING CHECKS ARE COMPLETED BEFORE UNDERTAKING ANY WORKS:
NE COMMENCER AUCUN TRAVAIL SUR LES INSTALLATIONS ÉLECTRIQUES SANS:

-  **1 - Isolate all equipment.**
Isolate all relevant equipment from high or low power sources.
1 - Couper toutes les sources de courant.
Débrancher toutes les sources d'alimentation possibles de haute et basse tension sur les équipements à traiter.
-  **2 - Secure all switchgear.**
Ensure switchgear cannot be manually or automatically reconnected.
2 - Bloquer les appareils de coupe.
S'assurer que les dispositifs de coupe ne peuvent pas être mis en route accidentellement.
-  **3 - Check for no power.**
Always ensure there is no power in the equipment to be operated or in those at a distance that implies danger.
3 - Vérifier l'absence de courant.
Toujours vérifier qu'il n'y a pas de courant sur les équipements à traiter ou sur ceux qui se trouvent à une distance qui puisse représenter un danger.
-  **4 - Earth all equipment.**
Ensure all equipment within the working area is appropriately earthed.
4 - Brancher toutes les sources de courant à la terre.
Tous les équipements doivent être branchés à la terre et équipés d'un système de coupe automatique.
-  **5 - Identify working area with signs or insulating screens.**
If there are equipment which cannot be isolated then must ensure that all necessary protective measures are utilized before any work commences. Clearly identify the working area with the relevant safety signs, barriers, etc.
5 - Délimiter la zone de travail avec une signalisation ou des écrans isolés.
Si des équipements d'une installation ne peuvent être complètement débranchés du courant, il faut adopter des mesures de protection supplémentaires dans la zone proche des travaux, en installant une signalisation de sécurité pour délimiter clairement la zone à risque.

MANDATORY PROTECTIVE EQUIPMENT:
EQUIPEMENTS DE PROTECTION OBLIGATOIRES:







©EverLux

(*)C 60 91

Be careful when ascending - Attention en montant

STOP

Stop turbine.
Arrêter la turbine.

Put on harness according to operating instructions and insert runner in ladder.
Carry out functional test (runner has to catch when descending).
Mettre le harnais conformément aux instructions et installer le système anti-chute sur l'échelle. Réaliser un test fonctionnel (le dispositif anti-chute doit se bloquer à la descente).

Wear helmet.
Mettre un casque.

Do not descend during storms or thunderstorms.
Ne pas monter pendant une tempête ou lors d'orage.

Prevent unauthorised persons from ascending (close door).
Empêcher toute personne non autorisée de monter (fermer la porte).

When leaving the ladder: Always use shock absorbing lanyard.
Anchoring points are marked in "yellow".
En descendant de l'échelle: Toujours utiliser un amortisseur de chute de corde. Les points de fixation sont indiqués en "jaune".

©EverLux

C 60 92



(mm)
200x150
(*)200x300



(*) Only available in this size

Emergency, fire and prohibition signs



C 61 01



C 61 02



C 61 03



(mm)
150x150
200x200
300x300
400x400
600x600



Only available in self-adhesive vinyl



 Everlux[®]-LLL

Low Location Lighting system/path marking system

Normative and legal framework

The LLL system (Low Location Lighting) or path marking system was originally regulated by Standards associated with areas of high risk such as Aviation - (FAA in 1984) and Maritime – (IMO in 1989). After 1999 with the development of new photoluminescent technologies, several other areas have adopted them and have initiated their Normative process.

Everlux-LLL comply with:

- The Canadian standard CAN/ULC-S572-10, required by the NBC National Building Code of Canada 2012, which defines specifically the exit signs and path marking systems.
- "Guide for the Installation of Photoluminescent Exit Stairway Markings in Buildings" (2008) by NRCC and PWGSC, based on the standard ISO 16069: 2004 and the Reference Standard RS 6-1.

Important standards	CAN/ULC-S572-10	Standard for photoluminescent and self-luminous exit signs and path marking systems - as required by NBC National Building Code of Canada 2012
	Guide for the Installation of Photoluminescent Exit Stairway Markings in Buildings (2008) by NRCC and PWGSC	Recommendation for the installations
	Reference Standard RS 6-1	Photoluminescent Exit path Markings (2008 revision) - as required by Local Law 26 of 2004, New York City Building Code § 27-383(b);
	ISO 16069	SWGS - Safety Way Guidance Systems
	NFPA 101	Life safety Code 2012
	IMO Resolution A:752 (18) and ISO 15370	Ships and Marine Technology
	ISO 7010 and ISO 3864-1	Symbols and Colours in Safety signs as required by NBC National Building Code of Canada 2012

Installation

Everlux-LLL path marking system for wall application

The strips and sign system can be applied directly to the wall either by adhesion (⊕ Everlux® adhesive is recommended) or by being installed with an anti-vandalism aluminium rail screwed to the wall.

The installation of the ⊕ Everlux²-LLL system should ideally be done in a continuous way and on both sides of the corridor whenever they are over 2m wide. In corridors narrower than 2m, the system can only be installed on the wall where fire fighting equipment is located or where no fire fighting equipment is present they should then be installed on the wall where the emergency doors open. The top edge part of the strips should be installed at a height no more than 40cm from the floor.

Everlux-LLL path marking system for floor application

The photoluminescent self-adhesive signs and strips of the ⊕ Everlux²-LLL system that are to be used on pavements and stairs should be applied directly to the pavement after the thorough removal of all dust, debris and grease. We recommend that a detergent agent is used.

Technical properties

Everlux-LLL path marking system for wall application: 2mm rigid-plastic, with a high intensity luminance achieved by stimulation using a surrounding light of only 25 lux.

Everlux-LLL path marking system for floor application: Self-adhesive and non-slip polycarbonate 0.3mm thick. High intensity luminance is achieved by stimulation using a surrounding light of only 25 lux.

Printing process: Silk-screen printing with high quality paint resistant to UV rays. 5-year warranty.

Surface: Anti-static, easy to clean and non-slip (in the case of signs and strips for pavements).

Chemical properties: Non-radioactive with no phosphorous or lead.

Norms	Minimum luminance properties (mcd/m ²)			Period of Light Decay
	10 minutes	60 minutes	90 minutes	Luminance Intensity greater than a 0.32 mcd / sqm
ISO 16 069:2004	20 mcd/m ²	2.8 mcd/m ²	n.a.	340 minutes
RS 6.1 and Canadian Guide for the Installation of Photoluminescent Exit Stairway Markings in Buildings (2008)	30 mcd/m ²	7 mcd/m ²	5 mcd/m ²	-
⊕ Everlux ² -LLL	80 ⁽¹⁾ mcd/m ²	10 ⁽¹⁾ mcd/m ²	-	1000 ⁽¹⁾ minutes
	68 ⁽²⁾ mcd/m ²	12.5 ⁽²⁾ mcd/m ²	7.6 ⁽²⁾ mcd/m ²	1750 ⁽²⁾ minutes

n.a. – not applicable

(1) Photoluminescent performance measured in compliance with Test Method "On-site" defined by ISO 16069 - Annex C. The stimulation of the Everlux-LLL products was made by a fluorescent cool white source of light, of 18 W, with a correlated color temperature of 4000K for 15 min, providing an illumination of 25 lux. Lamp model: OSRAM L18W/840

(2) Photoluminescent performance measured in compliance with Test Method defined by RS 6-1A Clause 1.1 - "Excitation of the phosphorescent test specimens shall be by a 4000K fluorescent light providing a mean illuminance of 2 footcandles (21.6 lux) on the surface of the test specimen. The excitation duration shall be 2 hours." Lamp model: OSRAM L18W/840.

The luminance intensity of the non-slip self-adhesive strips on the floor may be lower due to the protective layer of polycarbonate.

Low Location Lighting system/path marking system

Low Location Lighting system / Path marking system



The propagation of smoke is one of the most dangerous consequences of a fire. Smoke can make it difficult, or even impossible, to evacuate an area as visibility becomes poor. The smoke can create panic and cause intoxication which can ultimately lead to death.

The  Everlux²-LLL system is the only system that allows evacuation routes to remain illuminated, thereby guaranteeing the visibility of fire fighting equipment and evacuation exit routes.

In this way, enhanced escape conditions are created which reduces the risk of panic and any subsequent loss of life.

This system is designed to complement  Everlux[®] Photoluminescent Safety Signs which are located in the intermediate and high zones as recommended by the CAN/ULC S572-10 required by the NBC National Building Code of Canada 2012 and also as the "Guide for the Installation of Photoluminescent Exit Stairway Markings in Buildings" (2008) by NRCC and PWGSC, based on the standard ISO 16069: 2004 and the Reference Standard RS 6-1 (2008 revision).

The  Everlux²-LLL system meets the stringent requirements of the IMO (International Maritime Organization) and is also in accordance with ISO Standards (International Organization for Standardization).

Designed and manufactured with a new generation of photoluminescent pigments, the  Everlux²-LLL system has been especially developed for situations where a very high performance standard is required. This is in spite of the fact that they are often installed at floor level where standard photoluminescent products are subject to diminished performance as a result of low levels of stimulating light.

Photoluminescent safety sign system for evacuation routes

According to ISO 16069 SWGS (Safety Way Guidance System) is a complete sign system that involves three levels of signage:

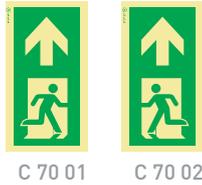
- A** Photoluminescent signs at a high location level (above 1.8m):
to be visible from a distance -  Everlux[®].
- B** Photoluminescent safety signs at an intermediate location level (between 1.0m and 1.8m):
signs with complementary information and/or instructions -  Everlux[®].
- C** Photoluminescent safety signs at a low location level (below 0.4m):
to sign and illuminate at floor level the evacuation routes and locations of fire fighting equipment -  Everlux²-LLL.



Low Location Lighting system/path marking system

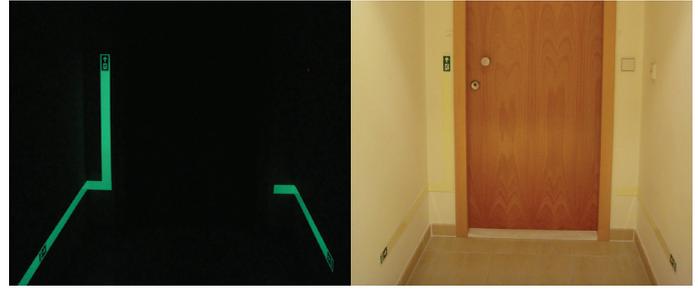
Everlux-LLL path marking system for wall applications

(mm)
107x57
158x83



C 70 01

C 70 02



C 70 03



C 70 04



C 70 05



C 70 06



C 70 07



C 70 08



C 70 09



C 70 10



C 70 11



C 70 12

(mm)
57x57
83x83



C 70 51



C 70 52



C 70 53



C 70 54



C 70 55



C 70 56



C 70 57



C 70 58



C 70 59

(mm)
57x57
83x83



C 70 71



C 70 72



C 70 73



C 70 74



C 70 75



C 70 76



C 70 77



C 70 78



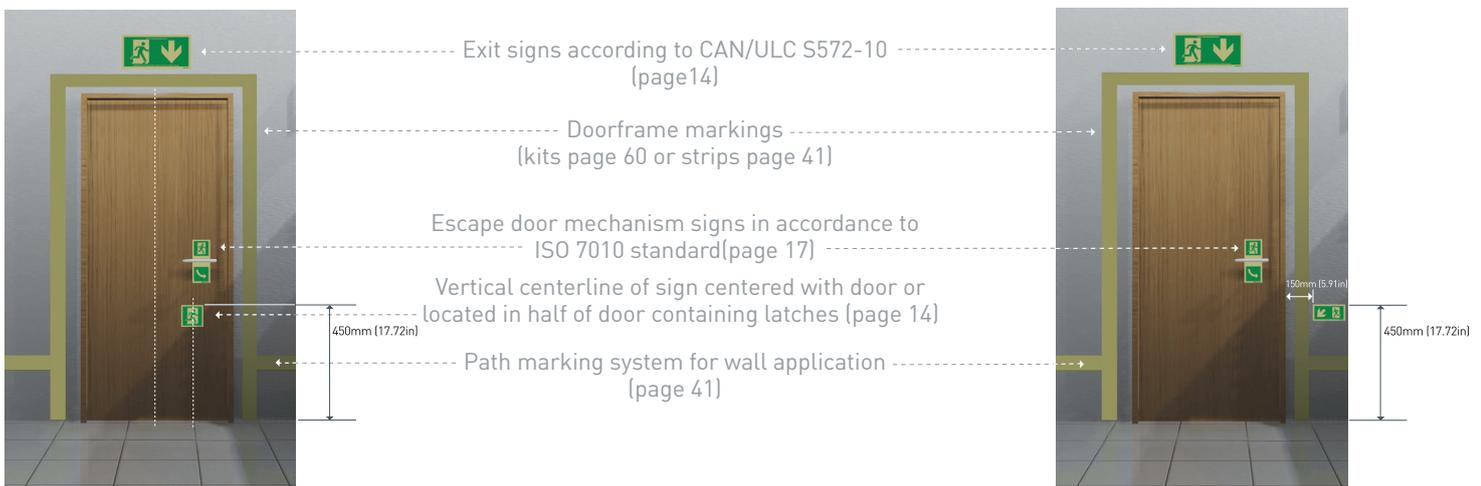
C 70 79

(mm)
107x57
158x83



C 70 90

Some acceptable placements according to the Canadian “Guide for the installation of photoluminescent exit stairway markings in buildings” (2008) and the american Reference Standard 6.1 (2008 revision)

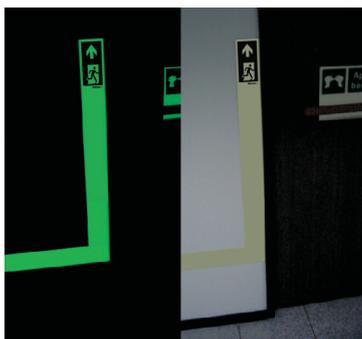


Low Location Lighting system/path marking system

⊗ Everlux®-LLL path marking system for wall application



		(mm)
C 71 01		1200x35
		1200x57
C 71 02		1200x83
		Marking strips for doorframe, wall and stair risers
C 71 03		



				(mm)
C 71 11	C 71 12	C 71 13		800x57
				800x83
				Marking strips for doorways

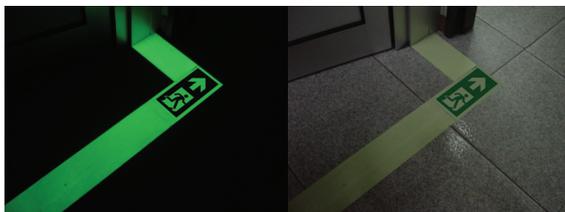
Everlux Tamper-proof aluminium rails



		(mm)
(**)C 71 21		(**)800x35
		(**)800x57
		(**)800x83
		(*)2000x35
(*)C 71 22		(*)2000x57
		(*)2000x83

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

⊗ Everlux®-LLL path marking system for floor application



		(mm)
C 71 31		1200x37
		1200x57
C 71 32		1200x83
		Non-slip self-adhesive marking strips
C 71 33		
		Non-slip self-adhesive marking strips
C 71 34		

			(mm)
C 71 41	C 71 42		107x57
			158x83
			Non-slip self-adhesive signs

Low Location Lighting system/path marking system

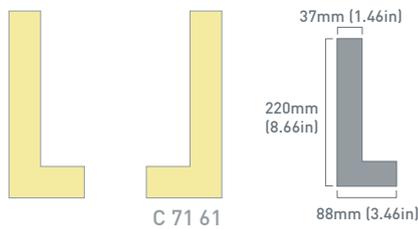
Everlux[®]-LLL Footprint silhouettes

Photoluminescent footprint silhouettes are ideal for indicating the direction and outline of evacuation routes. Available in left and right silhouettes to be used alternately, Everlux[®]-LLL Footprint Silhouettes are made from self-adhesive, anti-slip polycarbonate which is only 0.3mm thick.



Non-slip self-adhesive "L" for stairs

The top and bottom step of every flight should be indicated by a continuous strip (code C 71 31) running along its full length.



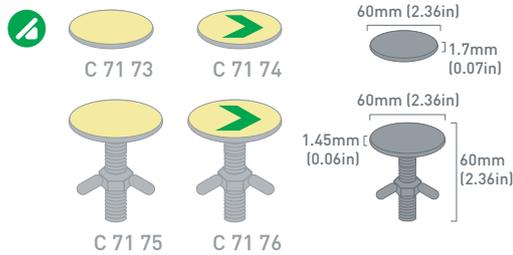
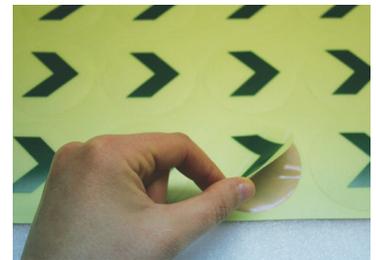
Supplied as a sheet of 4 (2 per step) and are used to indicate the step's edge.



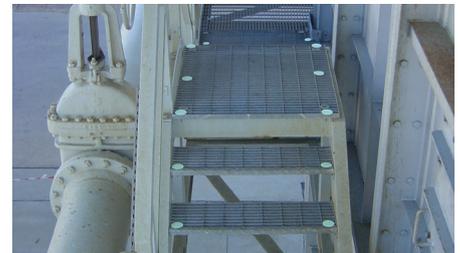
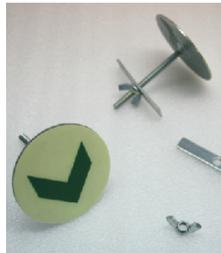
Everlux[®]-LLL Discs



Non-slip self-adhesive discs for floors (1 sheet of 18 units)



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



ⓧ Everlux[®]-LLL Aluminium floor strips

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 an anti-slip photoluminescent polycarbonate 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[®]-LLL in 0.3mm (0.01in) thick polycarbonate.

Dimensions: Please refer to the technical drawings.

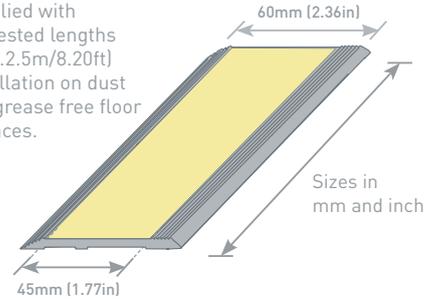
The LLL aluminium floor strips is supplied with double-sided high adherence adhesive which allows an easy application.



Aluminium floor strips

C 71 81

Supplied with requested lengths (max.2.5m/8.20ft) installation on dust and grease free floor surfaces.



ⓧ Everlux[®] Protection for steps

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.

On the upper and front parts there are ⓧ Everlux[®]-LLL photoluminescent polycarbonate 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[®]-LLL in 0.3mm (0.01in) thick polycarbonate.

Sizes: Please refer to the technical drawings.

The Everlux-LLL protection for steps is supplied with double-sided high adherence adhesive which allows an easy application.

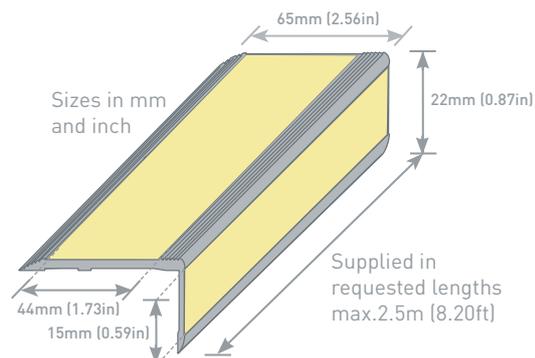
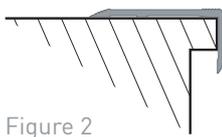
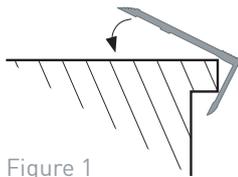


Protection for Steps

C 71 82

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).



Low Location Lighting system/path marking system

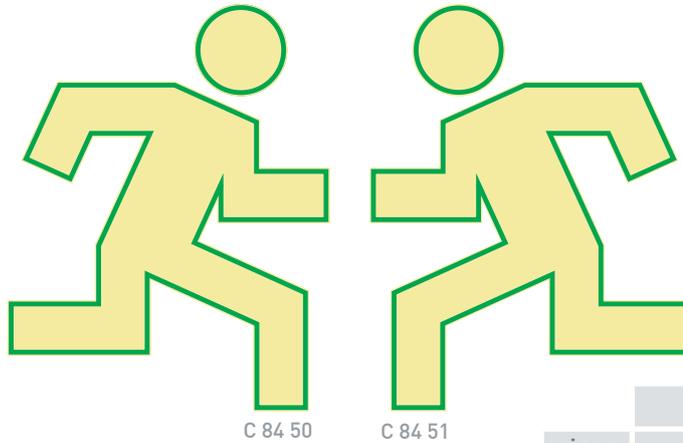
Large signs for emergency exits for huge spaces

The installation of large signs near emergency exits will allow them to be more easily identified and therefore will minimise the risk of panic.

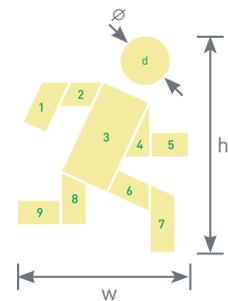
PVC material, but also available in aluminium



- ∅ 300
- ∅ 400
- ∅ 600
- ∅ - Head diameter

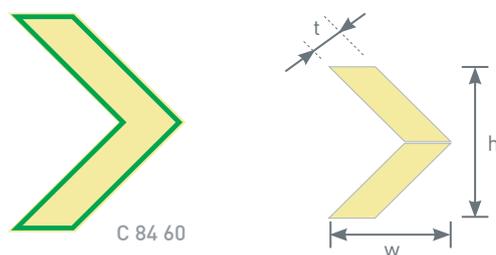


Sign supplied in 10 parts



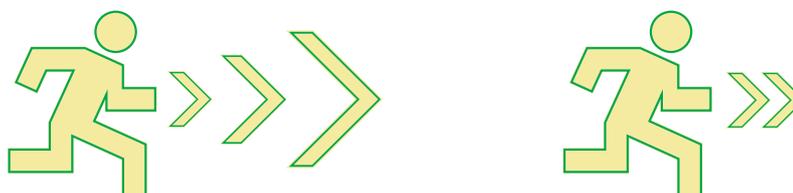
	d		w		h	
sizes	mm	in	mm	in	mm	in
∅300	300	11.81	1010	39.76	1320	51.97
∅400	400	15.75	1350	53.15	1765	69.46
∅600	600	23.62	2020	79.53	2640	103.94

- (mm)
- 83
- 118
- 149



	t		w		h	
sizes	mm	in	mm	in	mm	in
83	83	3.27	310	12.2	390	15.35
118	118	4.65	500	19.69	680	26.77
149	149	5.87	740	29.13	1024	40.31

t - Strips width
Sign supplied in 2 strips



The large signs can also be used with arrows in varying sizes.

For each of the large signs, proportionally sized arrows are recommended, i.e. with a 300mm diameter sign arrows with a strip of 83mm width should be installed.

Exit signs and path marking system



The problems associated with the safety of multi-storey/high-rise buildings have attracted the special attention of the authorities responsible for security in most countries. Not only in the context of construction and fire protection measures, but especially with regard to the safety and evacuation of people. Recent incidents including the World Trade Center in the USA, Windsor Tower in Spain and Tower East in Central Park, Venezuela, among others, have demonstrated the high risks and the specific demands that such buildings present. Factors that need to be considered in multi-storey/high-rise buildings include high occupation density, increased evacuation times, dense smoke or dust levels, increased and heightened panic levels and limited opportunities for external intervention all of which raise serious problems for evacuation and safety. As such, special consideration should be given when planning escape routes in multi-storey/high-rise buildings and this is particularly relevant when considering staircases and stairwells. These areas are the key escape routes from a multi-storey/high-rise building and are the areas that the occupants of a building will congregate in.

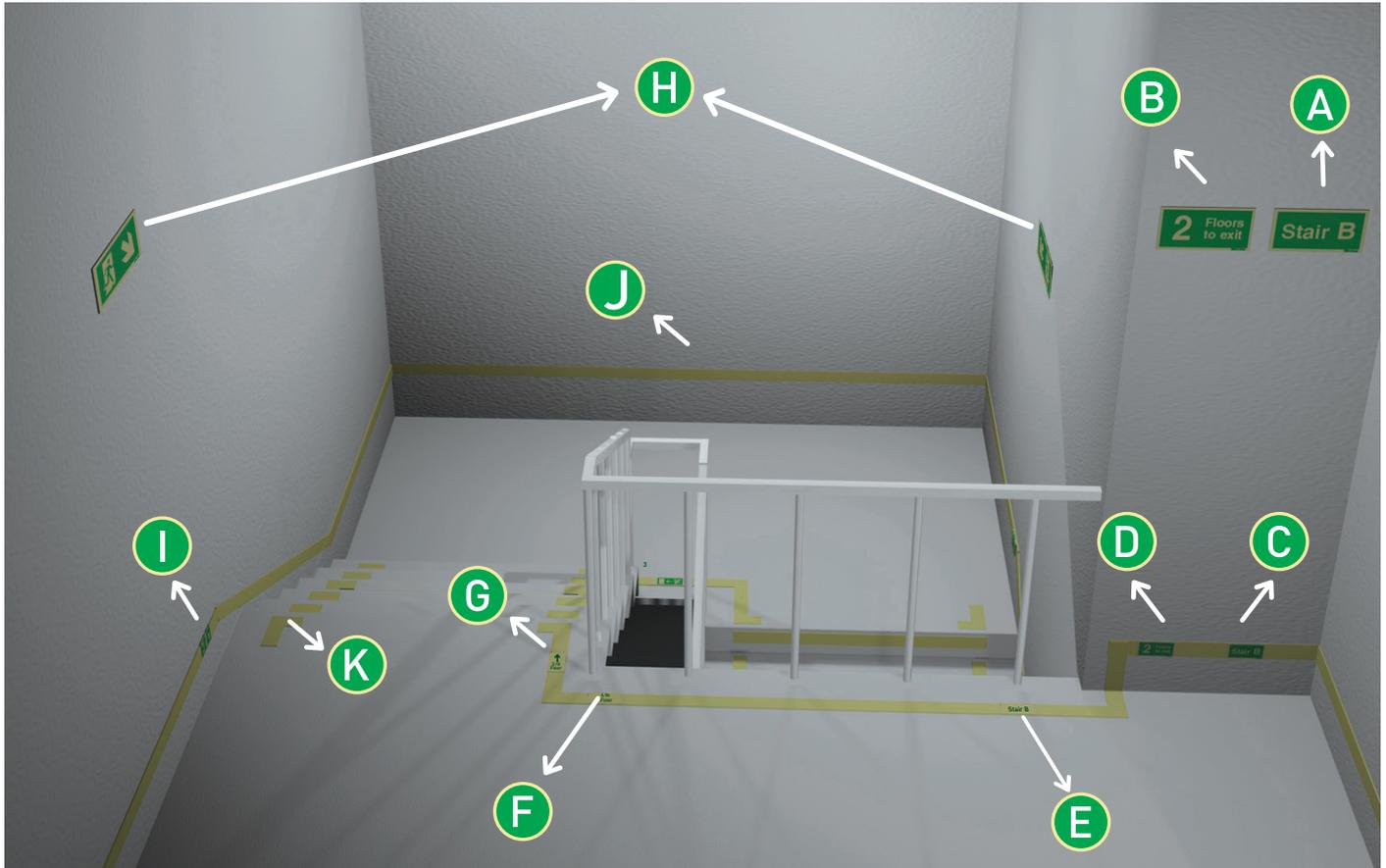
Following incidents at the World Trade Centre & the UN Headquarters where the efficiency and effectiveness of photoluminescent signage and safety systems with regard to the evacuation of occupants was demonstrated; the New York State Department of Buildings published mandatory legislation ensuring all public use buildings higher than 75ft (22.5m) have a complete photoluminescent signage system installed. In Canada, 2 technical studies (1999 and 2007) have been performed by the National Research Council of Canada - NRCC - and have also demonstrated the efficiency and the effectiveness of photoluminescence. A "Guide for the Installation of Photoluminescent Exit Stairway Markings in Buildings" was published in 2008 by NRCC and PWGSC, based on the standard ISO 16069: 2004 and the Reference Standard RS 6-1 (2008 revision)". Then a Canadian standard CAN/ULC-S572-10 which defines specifically the exit signs and path marking systems was published in 2010, and is required by the NBC National Building Code of Canada 2012 and almost all the provincial building codes. These photoluminescent signage systems have been specifically designed to provide consistent information along the escape route and to ensure occupants act in a correct and safe manner thereby reducing confusion, panic and loss of life in an emergency evacuation. and almost all the provincial building codes.

ⓈEverlux® and ⓈEverlux®-LLL have developed safety signs and strip elements that collectively comprise all the components of a full photoluminescent signage system including:

- Stair & staircase signage
- Floor level signage
- Identification of the remaining floors until Final Exit(s)
- Escape route signage
- Delineation and marking of escape routes using wall and floor signage or strips
- Fire-fighting equipment signage
- Stair marking strips
- Handrail marking strips

Multi-storey/high-rise buildings

Safety evacuation sign system for multi-storey and high-rise buildings



- A** Rigid PVC stairwell signs - Everlux® - To be installed at the High Location level (above 1.6m) - refer to Pg. 47 for details
- B** Rigid PVC signs indicating the remaining number of floors to Final Exit - Everlux® - To be installed at the High location level (above 1.6m) - refer to Pg. 47 for details
- C** Rigid PVC stairwell signs - Everlux®-LLL - To be installed at a minimum height of 400mm above floor level positioned in between the LLL path marking strips - refer to Pg. 48 for details
- D** Rigid PVC signs indicating the remaining number of floors to the Final Exit - Everlux®-LLL - To be installed at a maximum height of 400mm above floor level and in conjunction with LLL path marking strips - refer to Pg. 48 for details
- E** Polycarbonate stairwell self-adhesive non-slip signs - Everlux®-LLL - To be applied directly to the floor and positioned in between the LLL marking strips - refer to Pg. 48 for details
- F** Polycarbonate self-adhesive non-slip signs to indicate the floor number - Everlux®-LLL - To be applied directly to the floor and positioned in between the LLL path marking strips - refer to Pg. 49 for details
- G** Polycarbonate self-adhesive non-slip signs indicating the remaining number of floors to the Final Exit - Everlux®-LLL - To be applied directly to the floor and positioned in between the LLL path marking strips - refer to Pg. 49 for details
- H** Rigid PVC escape route signs - Everlux® - To be mounted at the High Location Level (above 1.6m) - refer to Pg. 14 for details
- I** Rigid PVC escape route signs - Everlux®-LLL - To be installed at a maximum height of 400mm above floor level and in conjunction with LLL path marking strips - refer to Pg. 40 for details
- J** Rigid PVC path marking strips - Everlux®-LLL - To be installed at a maximum height of 400mm above floor level - refer to Pg. 41 for details
- K** Polycarbonate self-adhesive non-slip "L" for stairs - Everlux®-LLL - to be applied directly to the stair surface - refer to Pg. 42 for details

A - Everlux® Rigid PVC stairwell signs

	...		 (mm) 200x100 300x150
C 85 01		C 85 07	
	...		To be installed at High Location Level (above 1.6m)
C 91 01		C 91 07	

B - Everlux® Rigid PVC stairwell signs

		...		 (mm) 200x100 300x150
C 85 40	C 85 39		C 85 21	
		...		To be installed at High Location level (above 1.6m)
C 91 21	C 91 22		C 91 40	

C - Everlux® LLL Rigid PVC stairwell signs

	...		 (mm) 107x57 158x83
C 86 01		C 86 07	
	...		To be installed at a maximum height of 400mm above floor level and positioned in between the LLL marking strips
C 91 61		C 91 67	

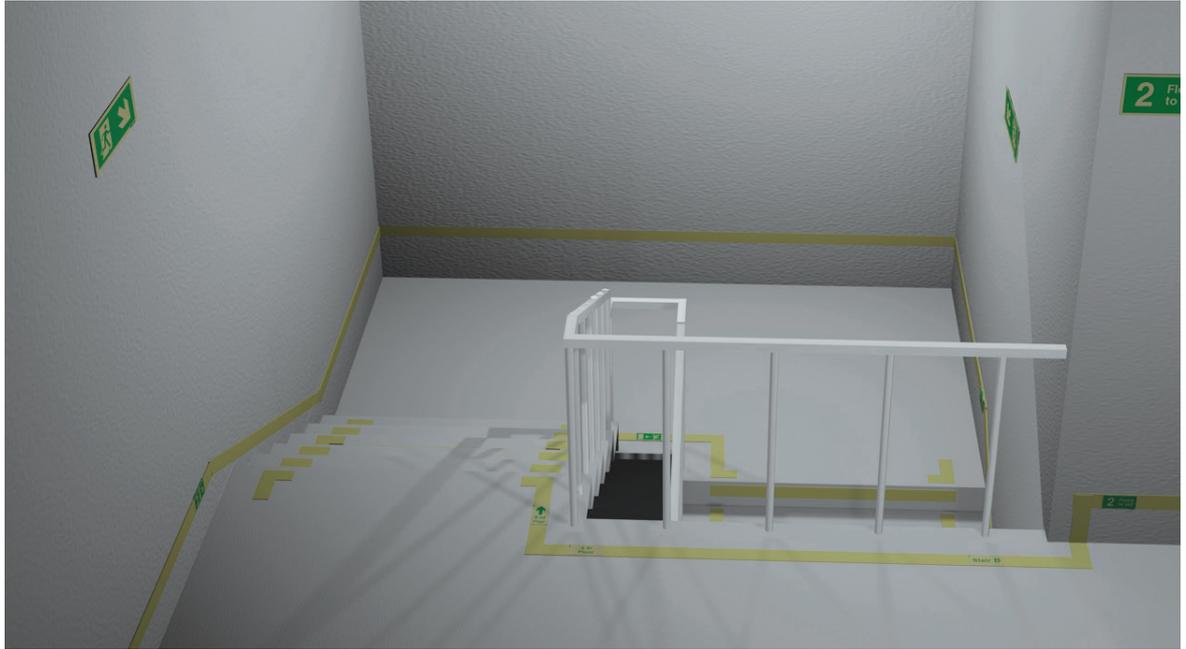
D - Everlux®-LLL Rigid PVC floor indication signs

		...		 (mm) 107x57 158x83
C 86 30	C 86 29		C 86 11	
		...		To be installed at a maximum height of 400mm above floor level and positioned in between the path marking strips
C 91 81	C 91 82		C 92 00	

Multi-storey/high-rise buildings

E - Everlux®-LLL Polycarbonate self-adhesive stairwell signs

(mm)
107x57
158x83



Stair A C 86 41	Stair B C 86 42	Stair C C 86 43	Stair D C 86 44
Stair E C 86 45	Stair F C 86 46	Stair G C 86 47	Exit floor C 86 48
Escalier A C 92 12	Escalier B C 92 13	Escalier C C 92 14	Escalier D C 92 15
Escalier E C 92 16	Escalier F C 92 17	Escalier G C 92 18	Étage de sortie C 92 19

To be applied directly to the floor and positioned in between the path marking strips

F - Everlux®-LLL - Polycarbonate self-adhesive and non-slip floor indication signs

(mm)
107x57
158x83



Basement -4 C 86 61	Basement -3 C 86 62	Basement -2 C 86 63	Basement -1 C 86 64
Ground Floor C 86 65	1 st Floor C 86 66	...	19 th Floor C 86 84
Sous-sol -4 C 92 31	Sous-sol -3 C 92 32	Sous-sol -2 C 92 33	Sous-sol -1 C 92 34
Rez-de-chaussée C 92 35	1er Étage C 92 36	...	19ème Étage C 92 54

To be applied directly to the floor and positioned in between the path marking strips

G - Everlux[®]-LLL - Polycarbonate self-adhesive floor remaining signs

										(mm) 57x107 83x158
C 87 25	C 87 26	C 87 27	C 87 28	C 87 29	C 87 30	C 87 31	C 87 32	C 87 33		
										
C 87 34	C 87 35	C 87 36	C 87 37	C 87 38	C 87 39	C 87 40	C 87 41	C 87 42	C 87 43	
										
C 92 72	C 92 73	C 92 74	C 92 75	C 92 76	C 92 77	C 92 78	C 92 79	C 92 80		
										To be applied directly to the floor and positioned in between the path marking strips
C 92 81	C 92 82	C 92 83	C 92 84	C 92 85	C 92 86	C 92 87	C 92 88	C 92 89	C 92 90	





Everlux[®]-RL

Retroreflective properties

The retroreflective sheeting used in  Everlux[®]-RL products meet the coefficient values of retroreflective products as specified in the standards EN 12899-1:2007 and ASTM D4956-13.

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 D4956-13	EN 12899-1:2007
		0.2°
Entrance Angle	-4°	+5°
Minimum Coefficient of Retroreflection R_A [$\text{cd} \cdot \text{lux}^{-1} \cdot \text{m}^{-2}$]	70	50

(a) According to ASTM D4956-13 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	
Colour	White
⁽¹⁾ R_A [$\text{cd} \cdot \text{lux}^{-1} \cdot \text{m}^{-2}$] 0,2°; -4°	70
⁽²⁾ R_A [$\text{cd} \cdot \text{lux}^{-1} \cdot \text{m}^{-2}$] 0,33°; 5°	50

(1) According to ASTM D4956-13

(2) According to EN 12899-1:2007

Photoluminescent properties

The  Everlux[®]-RL products meet the international norms DIN 67510-4:2008 and ISO 16 069:2004.

With the correct activation process, defined by each norm, the  Everlux[®]-RL products show the following photoluminescent properties:

Norms	Minimum luminance properties (mcd/m ²)			Period of light decay (min) Luminance intensity greater than a 0.32 mcd/sqm
	10 minutes	60 minutes	90 minutes	
DIN 67510-4:2008	23	3	n.a.	-
ISO 16069:2004	20	2.8	n.a.	340
 Everlux [®] -RL	57 ⁽¹⁾	7 ⁽¹⁾	-	845 ⁽¹⁾
	20 ⁽²⁾	2,9 ⁽²⁾	-	380 ⁽²⁾

n.a. – not applicable

(1) Photoluminescent performance measured in compliance with Test Method DIN 67510-1:2009. The product was activated with a non-diffusing, unfiltered, continuous short xenon-arc source of light of 180 W, providing a mean illuminance of 1 000 lux on the surface of  Everlux[®]-RL for 5 minutes. Lamp model: OSRAM XBO R 180 W/45 C OFR.

(2) Photoluminescent performance measured in compliance with Test Method "On-site" defined by ISO 16069 - Annex C. The stimulation of the Everlux-RL products was made by a fluorescent cool white source of light, of 18 W, with a correlated color temperature of 4000K for 15 min, providing an illumination of 25 lux. Lamp model: OSRAM L18W/840.

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 a generation of LLL pigments (Low Location Lighting) 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 found more quickly, either by the fire engine lights or head torch lights.



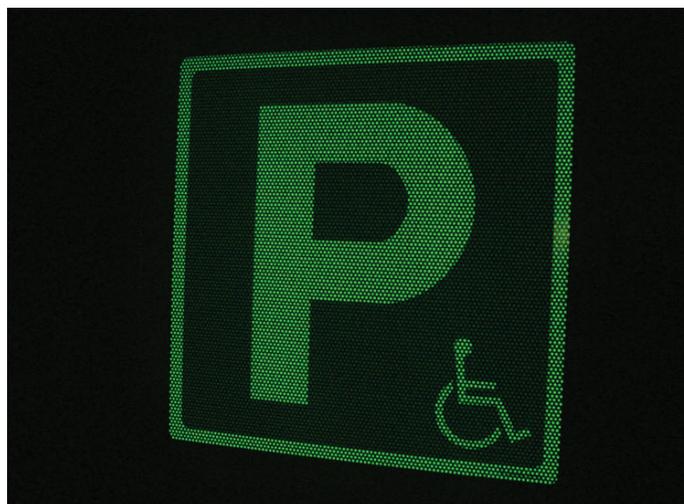
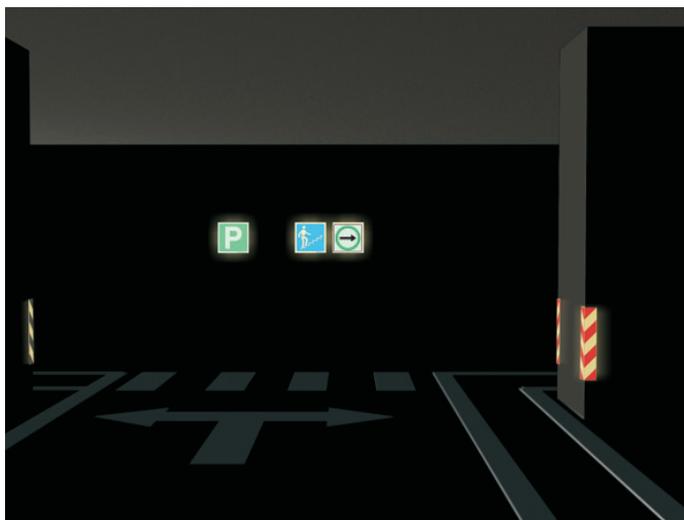
Retro-reflective Effect

Retro-reflective safety signs for vehicles



Photoluminescent Effect

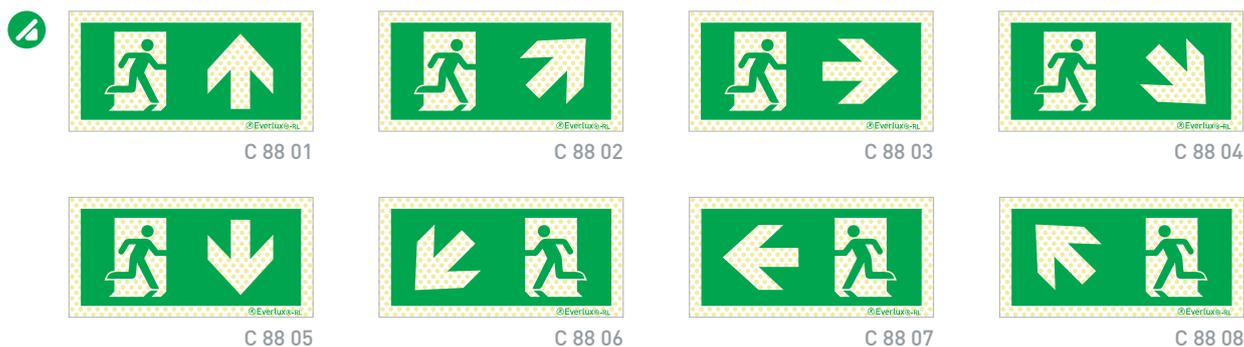
Photoluminescent safety signs for pedestrians



Reflecto-luminescent signs

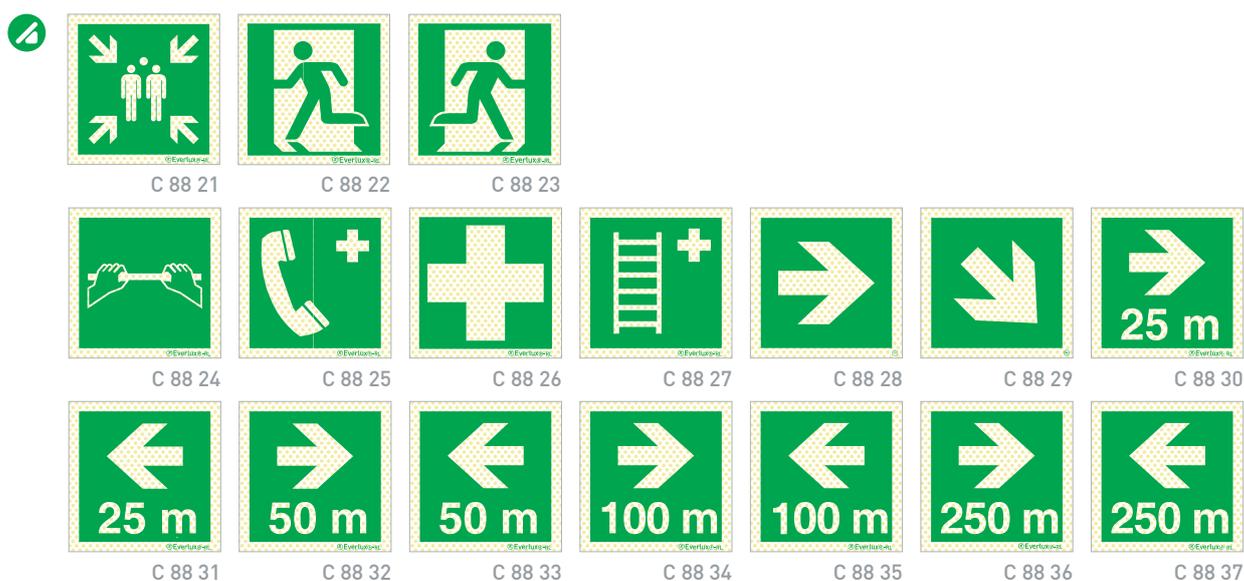
Evacuation routes and emergency exits in accordance with ISO 7010: 2011

(mm)
300x150
400x200



Evacuation routes and first aid equipment

(mm)
200x200
300x300
400x400



Exit signs

(mm)
300x150
400x200



Fire fighting equipment in accordance with ISO 7010:2011

(mm)
200x200
300x300
400x400



Priority parking signs



C 88 91



(mm)
600x200
900x300

Various parking signs, with and without directional arrows



C 89 01



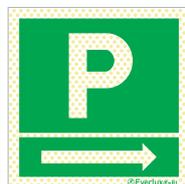
(mm)
300x300
400x400
600x600



C 89 02



C 89 03



C 89 04



C 89 05



C 89 06



C 89 07



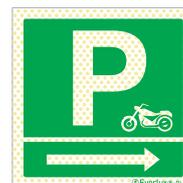
C 89 08



C 89 09



C 89 10



C 89 11



C 89 12



C 89 13



C 89 14



C 89 15



C 89 16

Obstacle marking strips



C 89 21



C 89 22



C 89 23



C 89 24



(mm)
600x60
600x100

See page 28
Everlux RL
safety bumpers
for flat surfaces
and for edges



C 89 31



C 89 32



C 89 33



C 89 34



(mm)
1200x60
1200x100

☀ Reflecto-luminescent signs

Signs for parking lots

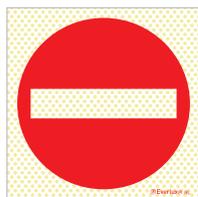
(mm)
200x200
400x400
600x600



C 89 41



C 89 42



C 89 43



C 89 44



C 89 45



C 89 46



C 89 47



C 89 48



C 89 49



C 89 50



C 89 51



C 89 52



C 89 53



C 89 54



C 89 55



C 89 56



C 89 57



C 89 58



C 89 59

(mm)
200x300
300x400
400x600



C 89 71

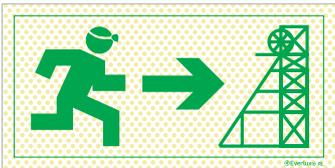
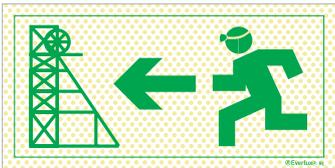
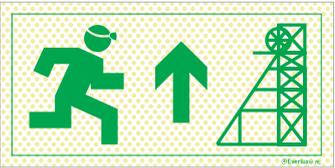
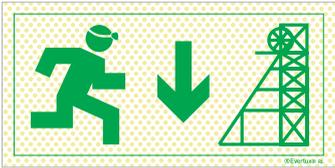
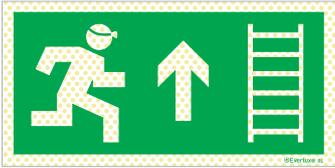
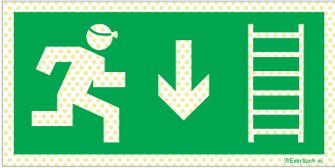


C 89 72



C 89 73

Escape route signs for mines

			 (mm) 300x150 400x200
	C 89 81	C 89 82	
			
C 89 83	C 89 84	C 89 85	
			
C 89 86	C 89 87	C 89 88	

Emergency equipment for mines

		 (mm) 200x200 300x300 400x400
C 89 91	C 89 92	

Warning signs for mines

		(mm) 300x300
C 89 93	C 89 94	

Mandatory signs for mines

		 (mm) 200x200 300x300 400x400
C 89 95	C 89 96	



Everlux®
215 / 30 - 3100 - K-W

Kits and accessories

+ Kits and accessories

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.eu

Kits for fire extinguisher frames

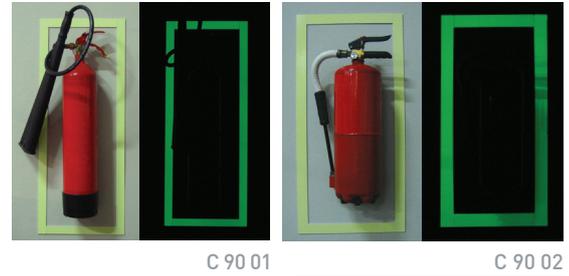
The use of photoluminescent strips to indicate the whole body of an extinguisher allows for the quick and easy identification of the exact location of the equipment, especially in the case of a power cut or power failure.

☼ Everlux® Fire extinguisher frame kit (suitable for 5kg CO₂) - C 90 01

Each kit contains enough strips to identify 5 fire extinguishers

☼ Everlux® Fire extinguisher frame kit (not including 5kg CO₂) - C 90 02

Each kit contains enough strips to identify 5 fire extinguishers



C 90 01

C 90 02

Kit for door frames

The use of a 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 - C 90 11

Each kit contains (5x1200x53mm PVC strips)

☼ Everlux® Door frame kit - double door - C 90 12

Each kit contains (6x1200x53mm PVC strips).

Note: strips will require cutting to size



Example for single door

☼ Everlux® stands

☼ Everlux® stands allow for the correct distribution and installation of fire extinguishers in any given location, particularly if the extinguisher cannot be mounted to a wall or if the extinguisher is only required on a temporary basis. The stands are supplied with the correct and appropriate signage and can also be used to indicate an evacuation by using an additional sign (supplied separately) which can be attached to the stand frame.

☼ Everlux® stands provide the ideal solution for offices, open spaces, shopping centres, exhibition centres, fairs, factories and locations where the layout requires changing.

	ID sign type	Stand S1		Stand S2
		Red	White	
English	Water based + AFFF(W)	C9 1WR	C9 1WW	C9 2WA
	Dry chemical ABC (D)	C9 1DR	C9 1DW	C9 2DA
	CO2 (C)	C9 1CR	C9 1CW	C9 2CA
French	Bruine d'eau + AFFF (B)	C9 1BR	C9 1BW	C9 2BA
	Poudre ABC (P)	C9 1PR	C9 1PW	C9 2PA
	CO2 (O)	C9 1OR	C9 1OW	C9 2OA



Stand S1

Stand S2

Stand D

Examples for stand D:

C9 DDD - stand for 2 Dry chemical extinguishers

C9 DDW - stand for 1 Dry chemical extinguisher and 1 Water + AFFF extinguisher

Stands with other type of extinguisher on request

	Stand D					
English	C9 DWW	C9 DWD	C9 DWC	C9 DDD	C9 DDC	C9 DCC
French	C9 DBB	C9 DBP	C9 DBO	C9 DPP	C9 DPO	C9 DDO

A Type 2 sign is used to identify escape routes



☼ Everlux® accessory for stands S2 and D (not included)

C 90 15

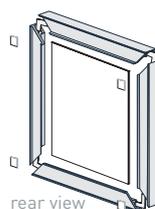
⊗ Everlux® self-assembly aluminium frame kit

⊗ Everlux® Self-assembly aluminum frames can be fixed to the wall using the self-adhesive pads which are supplied with the frame kit or by using ⊗ Everlux® adhesive which is supplied separately.

Material: Extruded aluminium profile

The frame kit is comprised of the following:

- 4 x Extruded aluminium profile
- 4 x PVC "L" connectors
- 4 x self-adhesive pads



Self-assembly aluminium frame C 90 21

⊗ Everlux® Slim-line aluminium frame

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

⊗ Everlux® Slim-line aluminium 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.



Slim-line aluminium frame C 90 22

⊗ 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.

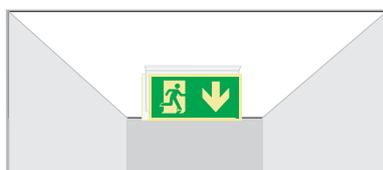
These signs will offer an alternative solution when installing in a variety of applications such as storage and industrial areas, temporary signage and to a range of metallic surfaces such as doors and fire equipment and are also suitable to be installed indoors or outdoors.



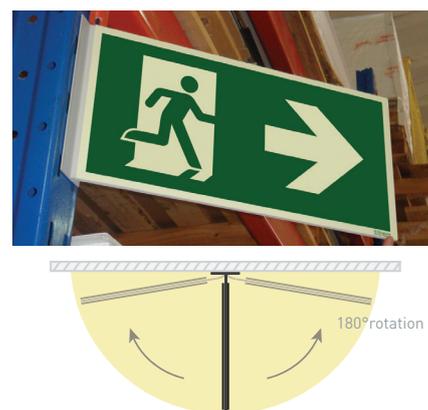
Magnetic sign C 90 31

⊗ Everlux® Flexible Type 2 bracket

This support consists of a strip that enables the installation of Type 2 signs (see page 6) in any location and was developed with the aim of allowing the sign to move and return 180° (+90° and -90°) without breaking. It has a flexible rotating area with a coefficient of elasticity, which enables the sign to return to its original position after any impact or collision.



The ⊗ Everlux® Flexible Type 2 bracket can also be fixed to the ceiling.



Flexible Type 2 bracket C 90 41

⊗ Everlux® adhesive

The ⊗ Everlux® Adhesive provides the ideal solution when installing signs to a variety of surfaces including those that are uneven, rough or irregular.

Characteristics

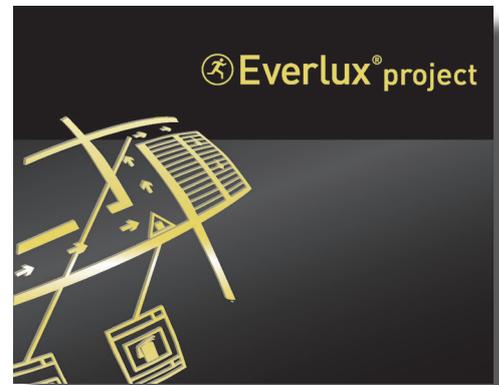
- Quick initial drying time - minimises slippage;
- High humidity and temperature resistance - to 75 D C
- High adhesion - minimises risk of improper removal;
- Drip-free after gun pressure is released;
- Easy application;
- Suitable for all sign sizes.



⊗ Everlux® Adhesive ADHE

Project - Safety Project Support Tool

Safety project support tool developed specially for designers and other technicians with the responsibility for prescribing signage, which assists in the drafting of safety signs projects. Available in two separate versions so as to carry signage projects, not only in AutoCAD but also in drawings in image format (jpeg, bmp, png) or dxf. This tool is currently only available in english language.



everluxproject@everlux.eu



Everlux app

With the Everlux® app, the full range of Everlux® photoluminescent safety signs is now accessible on your mobile or tablet. The Everlux® app also offers additional features such as technical information. The Everlux® app will assist an engineer or risk assessor whilst conducting a site survey and will prove to be an essential tool. Whether it is a full site survey utilizing building plans or a less comprehensive "walk-round" survey it will allow the user to insert signs in the appropriate place, choose the appropriate size and make a complete survey whilst listing all the functions needed. Ideally, the Everlux® app will prove to be an essential tool for all professionals who undertake risk assessments, safety signage & fire safety surveys, projects, maintenance and fire equipment installation or have direct responsibility for premises safety.



www.everlux.eu



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 colours 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 opaque acrylic glass, brushed stainless steel and transparent acrylic glass; Signs are supplied with fixing accessories.



www.excellencebyeverlux.eu



Photoluminescent Maritime Safety Signs

With its photoluminescent maritime safety signs catalogue, Ertecta offers a specific tool for the maritime industry which is according 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



Method of practical testing to compare photoluminescent products

1. Look for a place illuminated by a fluorescent lamp and that allows you, after turning off the light, to be totally isolated from any light source (interior or exterior);
2. In this place put the several signs with the photoluminescent surface facing up, the closest to the fluorescent lamp as possible (ideal distance 20cm approx 8 inches) and during 5 minutes;
3. Without leaving the area, place the signs on a table with the photoluminescent surface facing down and turn off all lights;
4. Wait for 2 minutes (the first 2 minutes are not to be considered);
5. Turn the signs over (photoluminescent surface facing up) and observe the reduction of their light intensity for 15 minutes (after 15 minutes the luminance differences are proportional).



In accordance with legislation, standards and consumer protection to ensure quality and conformity, our Trademarks are printed on all
ⓈEverlux®, Ⓢ Everlux®-LLL, Ⓢ Everlux®-AL and Ⓢ Everlux®-RL signs.



www.everlux.eu

