

1. Product

Ⓢ **Everlux®** - Photoluminescent safety signs for tunnels.

2. Product Description

Aluminium photoluminescent très dur de 5/64" d'épaisseur (1.98 mm), avec une surface antistatique facile à nettoyer.

3. Quality and Certification

The quality of Ⓢ **Everlux®** products is ensured by a rigorous process of quality control with tests in our own laboratory observing all applicable norms

4. Technical Information

- Aluminium très dur de 5/64" d'épaisseur (1.98 mm)
- Photoluminescence à haute intensité lumineuse
- Le matériau présente un bon comportement en cas d'incendie, ne contribue pas à la propagation du feu étant classifié comme "Retardateur de la propagation de la flamme" (selon la norme IEC 60092-01).
- Conçu pour une installation murale, en drapeau ou au plafond
- Installation simple face ou double face
- 5/64" thick polyvinyl chloride
- High photoluminescent luminous intensity
- The material has a good fire resistance and does not help to the propagation of fire, being classified as flame-retardant (in accordance to Norm IEC 60092-101).
- Designed for surface and flag (for wall) or ceiling mounting
- Single sided or double-sided installation

5. Brightness Rating (Luminance Properties)

According to ASTM E2073

Selon ASTM E2073, dans des conditions de stimulation de 10.8 lux (1 pied-bougie) pendant 60 avec une source fluorescente de température de couleur blanche froide (4000K), ce signal Ⓢ **Everlux®** fournira les performances de luminance suivantes:

Time after removing the exciting light (in minutes)	Luminescent intensity (mcd / m²)	
	Ⓢ Everlux®	ASTM E2073-10

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10 minutes	48	30
90 minutes	5.5	5

6. Installation

In accordance with installation instructions.

7. Dimensions, Pictograms and Colors

The products are in conformity to the  **Everlux®** catalogue and in compliance with National and International Standards, Codes and Legislation.

8. Printing

Silk Screen Printing: high quality gloss paint with UV resistance.

9. Washability

The sign can easily be cleansed with a dry cloth or with a cloth humidified with water (without detergents).

10. Toxicity

The product does not contain any radioactive substances. In toxic terms the product is considered as safe (European standard EN 71-3).

11. Warranty

In normal conditions of mounting and adequate cleanness and maintenance, the sign is covered with a 5-year warranty against manufacturing defects.

For outdoor applications, considering exposure to varying temperatures, humidity and other extreme environments, the warranty can be diminished.

On wet environments or environments with the presence of water with strong acid or alkaline content (eg limestone and chlorine the warranty can be diminished.

Additional information on maintenance is available in the complementary document "Instructions for installation".

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11. Compliance

The  **Everlux®** signs are in compliance with, but not limited to, the following Standards, Codes and Legislation:

- NFPA 502
- Code National du Bâtiment - Canada 2015
- Code National de Prévention des Incendies – Canada 2015
- Code de Construction du Québec, Chapitre I Bâtiment, et Code National du Bâtiment Canada 2010 (modifié)
- Code de Sécurité du Québec, Chapitre VIII – Bâtiment, et Code National de Prévention des Incendies – Canada 2010 (modifié)
- International Building Code 2018
- International Fire Code 2021
- California Building Code
- Connecticut State Building Code
- NFPA 101 Life Safety Code
- NFPA 170 Standard for fire safety and emergency Symbols
- NFPA 5000
- ASTM - E2030 Standard Guide for Recommended Uses of Photoluminescent (Phosphorescent) Safety Markings
- ASTM-E2072 Standard Specification for Photoluminescent (Phosphorescent) Safety Markings
- ASTM-E2073 Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings
- ANSI Z535.1 – Safety Colors
- ANSI Z535.2 – Environmental Facility and Safety Signs
- ANSI Z535.3 – Criteria for Safety Symbols
- ANSI Z535.4 – Product Safety Signs and Labels

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- ANSI Z535.5 – Safety Tags and Barricade Tapes (for Temporary Hazards)
- ANSI Z535.6 – Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials
- APTA PR-PS-S-004-99, Rev. 2 Standard for Low-Location Exit Path Marking
- APTA PR-PS-S-002-98, Rev. 3 Standard for Emergency Signage for Egress/Access of Passenger Rail Equipment
- LEED Leadership in Energy and Environmental Design
- National Construction Code Series – Building Code of Australia
- New Zealand Building Code