Technical Characteristics

Everlux
UL 1994 Listed Door opening Sign -Path Marking System– L0401

1. Product

Everlux® Door opening Mechanism Sign - model number L0401.

2. Product Description

The product is manufactured with a 0.35mm thick photoluminescent vinyl bonded on to a 0.8mm thick extruded aluminium base. The sign features an antistatic and easy to clean surface protected with a transparent film.

3. Quality and Certification

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

This Path Marking System sign is UL Listed as per the requirements of UL 1994 Standard for Luminous Egress Path Marking Systems requirements:
UL File Number SA44498.

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LISTED
LUMINOUS EGRESS-PATH MARKER
SA44498

4. Technical Information

- High photoluminescent luminous intensity
- No power required - Photoluminescent fully charges during exposure for 60 minutes to a fluorescent lamp at least 1ft-c illuminance (11 lux)
- Aluminium backing
- Size: 4-23/32" W x 11-13/16" H
- Weight: 0.21lb

5. Photoluminescent properties

According to R.S 6.1-A

According to RS 6.1, in stimulation conditions of 21.6 lux (2 ft-c) during 120 minutes with a fluorescent cool white source color temperature 4000K, the UL listed Everlux® Path Marking System sign will deliver the following luminance performance:

Time after removing the exciting light (in minutes)	Luminescent intensity mcd/m²
10 minutes	49,3
60 minutes	12,3
90 minutes	8,2

6. Mounting

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The mounting height of floor proximity path markers and floor identification signs are to be in accordance with local and national codes but is not to exceed 18 inches (45.7 cm) above finished floor height.
According the document "Instructions for installation".

7. Dimensions, Pictograms and Colours

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, 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.

12. Compliance

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

- UL 1994 - Standard for Luminous Egress Path Marking Systems
- CAN-ULC-S572:2017- Standard for Photoluminescent and self-luminous Exit Signs and Path Marking Systems

- Reference Standard 6-1 and RS 6-1A – Photoluminescent exit path marking – as required by local Law 26 of 2004, New York City Building Code §27-383
- International Building Code 2009
- International Fire Code 2009
- 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
- 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