

Everlux LLL

Photoluminescent safety signage system for floor level installation
Low Location Lighting System

1. Product

Ⓢ **Everlux®-LLL** Photoluminescent safety signage system for floor level installation (*Low Location Lighting System*).

2. Product Description

LLL system suitable for vertical applications (signs and strips for walls): 2 mm rigid plastic with a high photoluminescent intensity, antistatic and easy to clean.

LLL products are all manufactured to be non-inflammable and, self-extinguishable corresponding to fire resistance class M1. The materials used have high fire resistance properties and do not help propagate fire. They are classified as being flame-retardant in accordance with Norm IEC 60092-101.

4. Photoluminescent Properties

- Ⓢ **Everlux®-LLL** products fully conform to the International Norms ISO 16069 and IMO A.752 (18) Resolution.
- When stimulated with an ambient light emitting 25 lux for 15 minutes the photoluminescent characteristics are as follows:

Time after removing the exciting light (in minutes)	Luminescent intensity (mcd/m ²)
10 minutes	80
60 minutes	10
Luminescent intensity 100 times greater than the limit of human visibility	Period of light decay (minutes)
0.3 mcd/m ²	1000

- When stimulated with ambient light of only 1000 lux during 5 minutes, the photoluminescent characteristics are as follows:

Time after removing the exciting light (in minutes)	Luminescent intensity (mcd/m ²)
10 minutes	150
60 minutes	21
Luminescent intensity 100 times greater than the limit of human visibility	Period of light decay (minutes)
0.3 mcd/m ²	2000

5. Dimensions, Pictograms and Colours

The products conform with the Everlux catalogue and are according to National and International Norms and Legislation.

Everlux LLL

Photoluminescent safety signage system for floor level installation
Low Location Lighting System

6. Printing

Serigraph process using high quality gloss paint with UV resistance.

7. Positioning and Mounting

According to the Everlux Catalogue, in the chapter "Everlux-LLL" and the Everlux Installation Guide:



8. Cleaning

The products do not require any particular attention and can be cleaned using either with a dry or damp clean cloth. Do not use detergent products.

9. Guarantee

Signs and strips for walls:

Under normal conditions of mounting and with appropriate cleaning we offer a 5 years guarantee.

For exterior applications, consideration regarding exposure to factors such as varying temperatures, humidity and other extreme environments must be given as this can result in the guarantee being affected.

10. Health and safety

The product does not contain any radioactive substances and in terms of toxicity the product is considered safe according to the European Norm EN 71-3.

11. Quality and Certification

Ⓢ **Everlux®-LLL** products have Lloyd's Register Type Approval Certification.

The quality of Ⓢ **Everlux®-LLL** products is ensured and maintained by means of a rigorous process of quality control using testing measures conducted in our own laboratory whilst observing all applicable Norms and Standards.

12. Legislation and Normative references

All of our signs fully conform to the following:

- ISO 16069
- ISO 7010
- Norms ISO 3864
- ISO 15370 (Ships)
- IMO Resolution A.752 (18)
- Norms DIN 67510