

1. Product

Ⓢ **Masterlux®** - Photoluminescent safety signs of extreme luminous intensity

2. Product Description

Photoluminescent rigid plastic, 2 mm thickness, antistatic surface and easy to clean.

3. Application

According to Everlux catalogue, in chapter "Various alternatives for mounting signs"

4. Fire resistance

Non inflammable, self-extinguishable (corresponds to fire resistance class M1).

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 60092-01:2002).

5. Photoluminescent properties

The Ⓢ **Masterlux®** products fully conform to the International norms DIN 67510-4: 1996, UNE 23035-4:2003 and ISO_16069:2004. When stimulated with 1000 lux during 5 minutes, the photoluminescent characteristics are as follows:

Time after removing the exciting light (in minutes)	Luminescent intensity (mcd/sqm)
10 minutes	457
60 minutes	61
Luminescent intensity 100 times greater than the limit of human visibility	Period of light decay (minutes)
0.32 mcd/m ²	5035

6. Dimensions, Pictograms and Colours

The products are in conformity to our catalogue and according to National and International Norms and Legislation.

7. Printing

Serigraphy: high quality gloss paint with UV resistance.

8. Cleanliness

The products do not require any particular attention, clean with a dry clean cloth or a cloth humidified with water (without detergents).

9. Guarantee

In normal conditions of mounting and adequate cleanness, we offer a 5 years guarantee.
For exterior applications, considering exposition to varying temperatures, humidity and other extreme environments, this guarantee can be diminished.

10. Health and safety

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

11. Quality and Certification

④ **Masterlux®** products have the Lloyd's Register Type Approval Certificate.
The quality of ④ **Masterlux®** products is ensured by a rigorous process of quality control with tests in our own laboratory observing all applicable norms;

12. Legislation and Normative references

All of our signs are in conformity to the following norms:

- ISO 16069:2004
- ISO 7010:3003
- ISO 3864-1:2002
- ISO 3864-2:2004
- ISO 15370: 2001
- IMO Resolution A:752(18)
- Council Directive 2004/54/EEC
- European Directive 92/58/CEE
- DIN 67510-4:1994
- BS 5499-4:2000
- BS EN 3-5
- BS 5266-6:1999