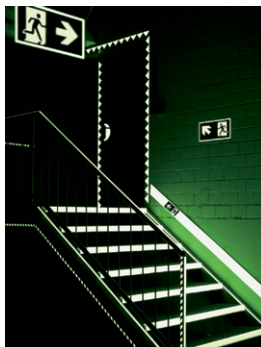




Safety in the dark

Photoluminescent Safety Identification

NITE-GLO & XTRA-GLO



Safety in the dark: Why Photoluminescent?

A safety evacuation plan makes sure you can get your employees out fast if things go wrong. When an entire office building or production plant goes dark, highly visible safety signage, like photoluminescent signs and markers, increases your chances to get everybody out without injuries. When accurately placed, high quality photoluminescent signage, will still glow to guide firemen through your site to combat disaster after the evacuation is complete.

Regulations/Norms

Photoluminescent materials are mentioned in the ISO 16069, ANSI and DIN 67510 regulations aimed at standardising a Safety Way Guidance System throughout the world. ISO 16069 contains information related to the type of photoluminescent component to assist in defining the environment, choice of material, layout, installation and maintenance.



Photoluminescent quality classes

Photoluminescent materials are divided into classes, depending on their brightness after 10 minutes (time to evacuate) and 60 minutes (e.g. firemen or electricians working) in the dark. Please note that many countries have set guidelines or norms regulating minimal luminance for photoluminescent safety signage.

Minimum Luminance		
Class	After 10 minutes	After 60 minutes
A	23 mcd/m ²	3 mcd/m ²
B	50 mcd/m ²	7 mcd/m ²
C	140 mcd/m ²	20 mcd/m ²
D	260 mcd/m ²	35 mcd/m ²

mcd = Millicandela

Advantages

High quality photoluminescent safety signage can be used to clearly mark obstacles or aisles for fast evacuation, even in case of a total blackout. Photoluminescent materials charge themselves, and do not require inspection or maintenance. High quality photoluminescent class C or D, still glows bright enough after an hour in the dark, to guide firemen through your facility after the evacuation of your employees has been completed.

BRADY SIGNS MATERIAL OFFER NITE-GLO & XTRA-GLO



Self-adhesive Polyester

- Easy to apply, suited for small sizes, needs a clean surface.
e.g. Push bar on a door
- Available in Class B (Nite-Glo B-7568) and Class C (Xtra-Glo B-7582)



Rigid Polypropylene (non-adhesive)

- Good for big sizes and for surfaces which are not clean enough for self-adhesive products.
Primarily for indoor use. e.g. Large emergency exit sign in a trade show environment
- Thickness: 1.2 mm
- Available in Class B (Nite-Glo B-7568) and Class C (Xtra-Glo B-7582)



Aluminium

- Primarily for outdoor use. Can also be used on magnetic panels, such as machine where Personal Protective Equipment is not always required.
- Available in Class B (Nite-Glo B-7568) and Class C (Xtra-Glo B-7582)

BRADY
Customize-it

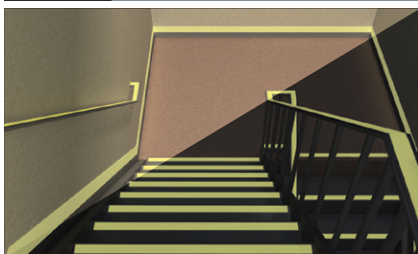
Other materials available upon request

Photoluminescent Signs

You can order a photoluminescent safety sign showing a pictogram from the EN ISO 7010:2012 range or a sign with the text of your choice.

As well as the EN ISO 7010:2012 signs, Brady will continue to offer safety signs with text and pictograms in accordance with **The Health & Safety Regulations**.

Visit www.bradyeurope.com for the full range.



Photoluminescent Area Marking

3 levels of photoluminescent application

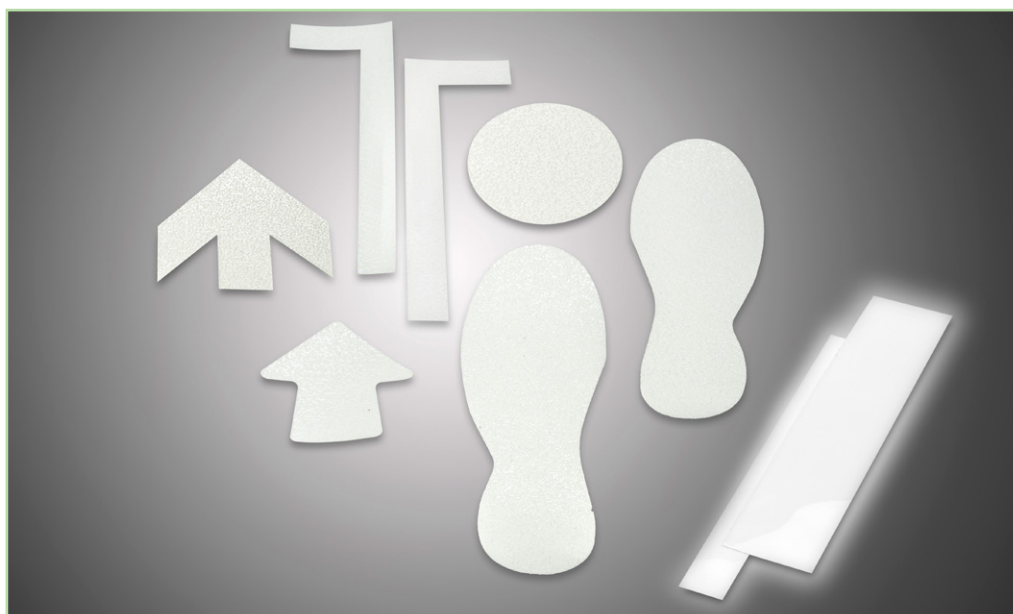
Low Location Lighting – Area Marking

Well placed photoluminescent safety signage covers 3 heights in any hallway, production floor, open office or large area.

- Floor level signage shows your employees the way out in case of a smoke build up, or fire. It is attached to the floor or the wall, but no higher than 40 cm.
- Intermediate height signage is placed between 1.2 m and 1.5 m. These signs contain more information and are placed at a convenient height for people to read.
- High signage, placed higher than 1.8 m, makes sure your employees can spot the nearest emergency exit or fire fighting equipment from a distance.



These photoluminescent marking tapes and shapes indicate danger zones, even in complete darkness. For more information, please check our Area Marking Brochure (EUR-M-423-EN).



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To help minimise our impact on the environment, Brady limits its number of reprints.

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