PERMALUX

PHOTOLUMINESCENT GUIDANCE SYSTEMS AND MARKINGS

Your partner on land, on water, in the air

PERMALUX – YOUR PARTNER
FOR ESCAPE AND RESCUE GUIDANCE SYSTEMS

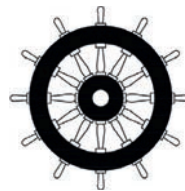## FOCUS ON SAFETY FOR OVER 25 YEARS

We have been supporting our international customers with tailor-made products, systems and services in every area of safety guidance systems for 25 years.

These products and systems are used worldwide in shipping and aviation as well as in buildings. High quality, comprehensive technical knowhow and a high degree of flexibility in combination with efficient and customer-oriented processes are the hallmarks of PERMALUX.

LONGSTANDING EXPERIENCE FOR YOUR SAFETY

We have many years of experience in developing and producing products of the highest quality, which are used in sensitive fields, such as the maritime and aviation industries.

We fulfill the latest standards and have implemented a quality management system according to ISO 9001 and EN ISO 9100. Furthermore our company and products are MED certified as well as having a type approval certified by Lloyd's Register. This guarantees our customers the best possible safety and reliability.

OUR PRODUCTS FOR YOUR SAFETY

Guideline® is our photoluminescent escape and rescue guidance system, which is completely developed and produced in our company.
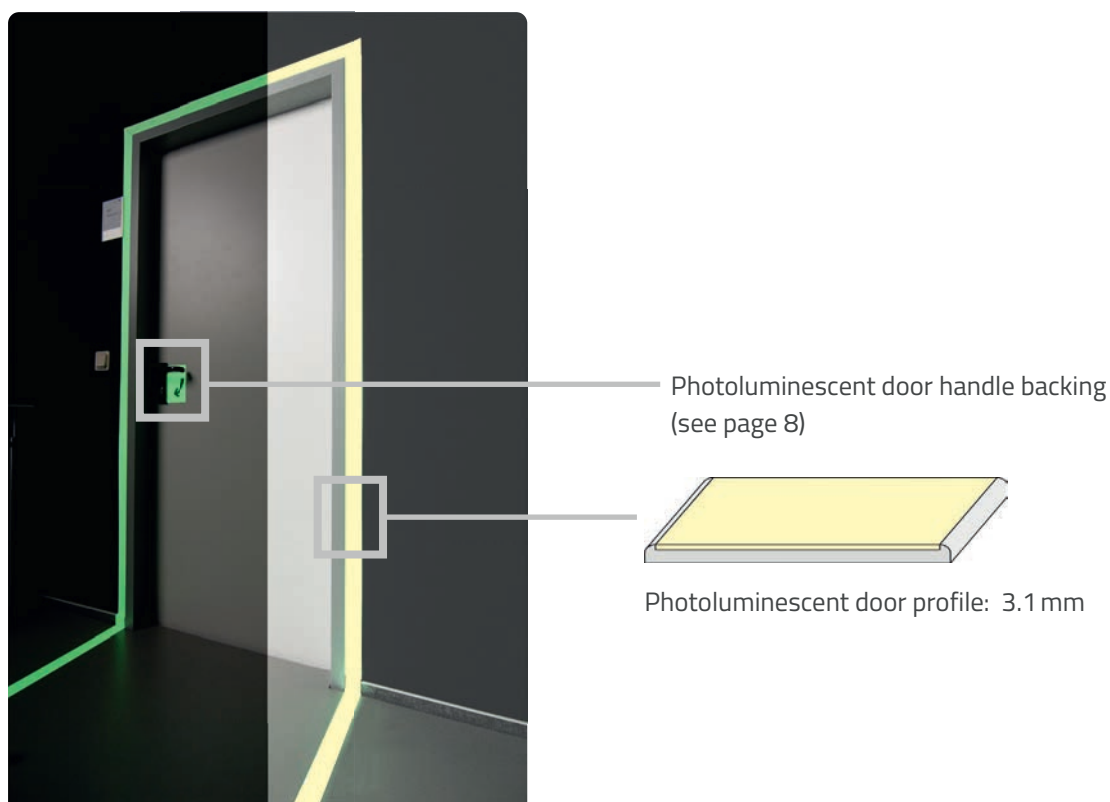
The Guideline® range covers a wide variety of applications:

- Photoluminescent door profiles for marking doors and emergency exits
- Photoluminescent stair edge profiles for marking stair edges
- Photoluminescent floor marking points for orientation
- Photoluminescent triangle to hang up with the imprint „Emergency"
- Photoluminescent triangle made of polyester fabric for marking escape routes on textiles
- Photoluminescent door handle backgrounds for marking doors and emergency exits
- Photoluminescent backgrounds for marking fire extinguishers
- Photoluminescent marking strips

Our photoluminescent door profile enables fast and safe identification of doors in the event of smoke formation, fire and in the dark if the lighting fails.

The PERMALUX door profile can be mounted on the wall to mark door frames, such as escape route doors or emergency exits. In addition, it can also be used for the marking of areas on the floor.
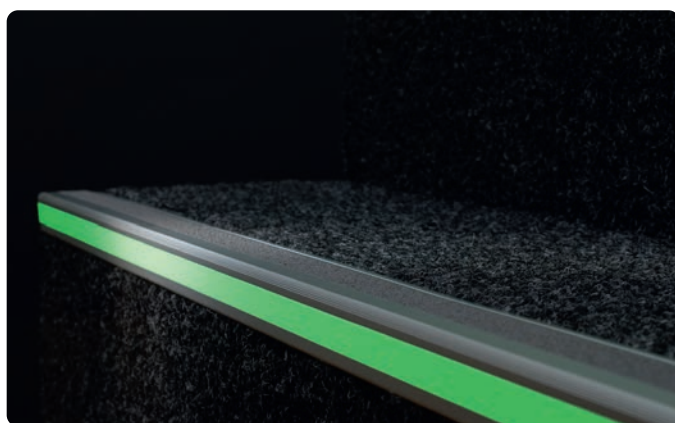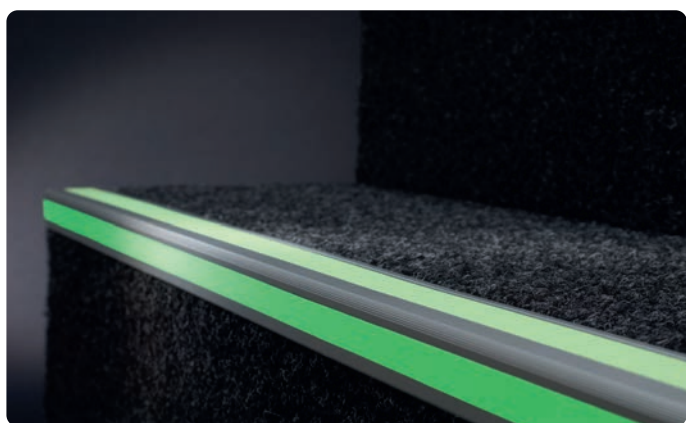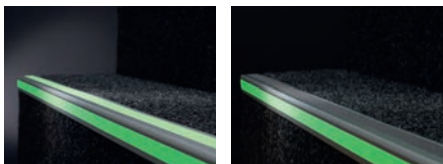

Photoluminescent door handle backing (see page 8)

Photoluminescent door profile: 3.1 mm

Article Number	Article	Article Description
PERMALUX 3302A		Photoluminescent door profile to mark doors and emergency exits • Self-adhesive, PVC-free • Luminance class C according to DIN 67510 • Consisting of polycarbonate U-profile, black, • Width 34 mm, height 3.1 mm with Guideline® 30 mm photoluminescent inlay • Standard length: 2,000 mm

PHOTOLUMINESCENT STAIR EDGE PROFILE

With our staircase edge profile made of aluminium, stair treads that lie in the dark or semi-darkness can be equipped with photoluminescent strips with anti-slip coating. They provide better orientation in the dark, reduce the risk of tripping and thus contribute to preventing accidents. The aluminium profiles can be mounted on any standard stair, the width can be cut as required.

The stair edge profile offers the possibility of adding two photoluminescent strips to the front edge and tread surface. This has the advantage that the entire step is visible. Optionally, a non-luminescent grey anti-slip strip can be mounted on the tread surface.

Article Number	Article	Article Description
5 92000 0016		Aluminium staircase edge profile for two photoluminescent staircase Inlays (top and front) • Anodized aluminum • Dimensions of profile edges (T x H): 55 x 31 mm • Standard length: 6,000 mm, delivery without inlays • Customized length possible
4CANR-SK		Photoluminescent inlay 22 mm wide with anti-slip coating R12, self-adhesive • Installation at the top of the stair edge • PVC-free, luminance class C according to DIN 67510 • Standard length: 2,000 mm • Customized length possible
4CANS-SK		Photoluminescent inlay 12 mm wide with anti-slip coating R12, self-adhesive • Installation at the front of the stair edge • PVC-free, luminance class C according to DIN 67510 • Standard length: 2,000 mm • Customized length possible
5 61930 0008		Anti-slip strips 22 mm wide • Installation at the top of the stair edge • Color grey • Customized length possible

Our photoluminescent floor marking dots help to find the right way fast. The markings for gratings (stairs and walkways) are available as circles with a green direction arrow, optionally without arrow or arrows in another color. For this purpose we offer you various mounting options: In the self-adhesive version, the products can be placed directly on the floor.

To fasten to gratings you can use the products with an aluminium substructure (2 mm aluminium plate). This has the advantage that the hole / screws are not visible.

Article Number	Article	Article Description
4CANQ-SK-1 (60 mm) 4CANP-SK-1 (95 mm)		Photoluminescent floor marking dot with arrow • Anti-slip coat (class 12) • Aluminium plate (0.5 mm), height 1.0 mm, • Diameter 60 mm or 95 mm • Self-adhesive • Luminance class C according to DIN 67510
4CANQ-M5-1 (60 mm) 4CANP-M5-1 (95 mm)		Photoluminescent floor marking with arrow with drilled hole and screw/plug • Anti-slip coat (class 12) • Aluminium plate (0.5 mm), height 0.8 mm, • Diameter 60 or 95 mm • Luminance class C according to DIN 67510
4CANQ-SK-M5U-1 (60 mm) 4CANP-SK-M5U-1 (95 mm)		Photoluminescent floor marking with arrow and screw/plug on substructure • Anti-slip coat (class 12) • Aluminium plate (0.5 mm) self-adhesive on substructure • Aluminium 2 mm • Height 3 mm, diameter 100 mm • Luminance class C according to DIN 67510
4CANQ-FKD-1 (60 mm) 4CANP-FKD-1 (95 mm)		Photoluminescent grating marking with arrow with drilled hole and spring-loaded dowels • Anti-slip coat (class 12) • Aluminium plate (0.5 mm), height 0.8 mm, • Diameter 60 or 95 mm • Luminance class C according to DIN 67510
4CANQ-SK-FKDU-1 (60 mm) 4CANP-SK-FKDU-1 (95 mm)		Photoluminescent grating marking with arrow and spring-loaded dowels on substructure • Anti-slip coat (class 12) • Aluminium plate (0.5 mm) self-adhesive on substructure • Aluminium 2 mm • Height 3 mm, diameter 100 mm • Luminance class C according to DIN 67510
4 43GFN K50.29 (50 mm) 4 43GFN K50.131 (80 mm)		Photoluminescent floor marking with arrow for ground-level mounting • For ground-level installation in pre-milled mineral undergrounds • Anti-slip coat (class 11) • Diameter: 50 and 80 mm, height: 5 mm • Material: GRP • Luminance class C according to DIN 67510

Note: All floor marking points are optionally available without arrow.

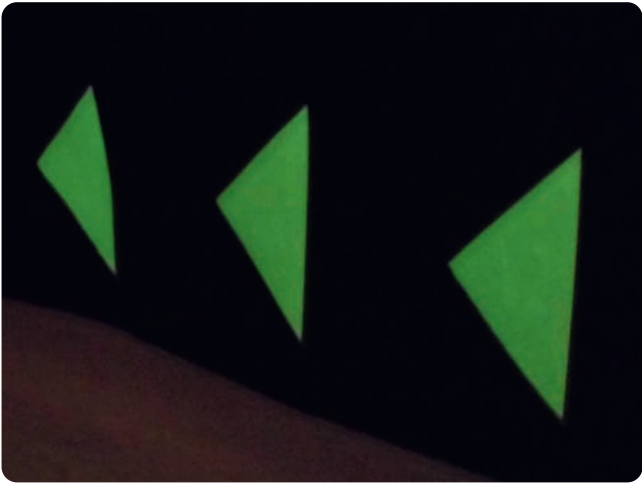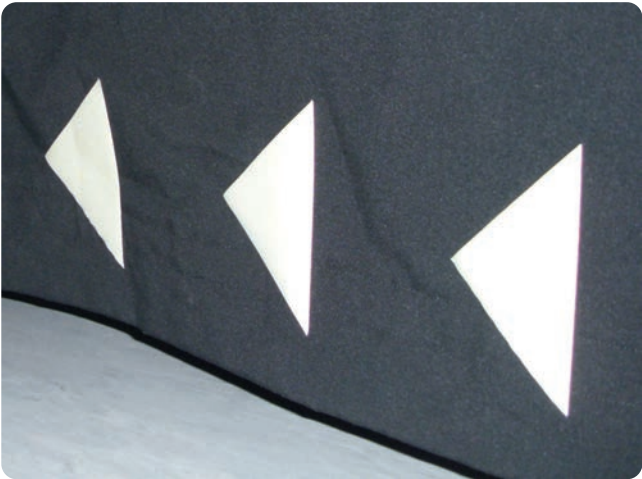# PHOTOLUMINESCENT TRIANGLE TO HANG UP WITH IMPRINT "NOTRUF / EMERGENCY"

Our photoluminescent double-sided triangles made of polycarbonate mark the emergency call switch in the dark. They are suitable for applications where signs can be freely hung up, e.g. in disabled toilets, in retirement homes and hospitals.

Article Number	Article	Article Description
4 18PN K39.137		Photoluminescent triangle with imprint " Notruf / Emergency" • Material: Polycarbonate with a polystyrene core • Side length 70 mm, thickness 5 mm, printed on both sides • Incl. drilled hole and shackle

Photoluminescent triangle made of polyester fabric for marking escape and rescue routes on textiles such as curtains.

Article Number	Article	Article Description
2 44004 0000		Photoluminescent triangle made of polyester fabric • Luminance class C according to DIN 67510 • Dimensions: 100 x 71 x 71 mm, thickness: 0.4 mm

PHOTOLUMINESCENT DOOR HANDLE BACKING FOR THE MARKING OF DOORS AND EMERGENCY EXITS
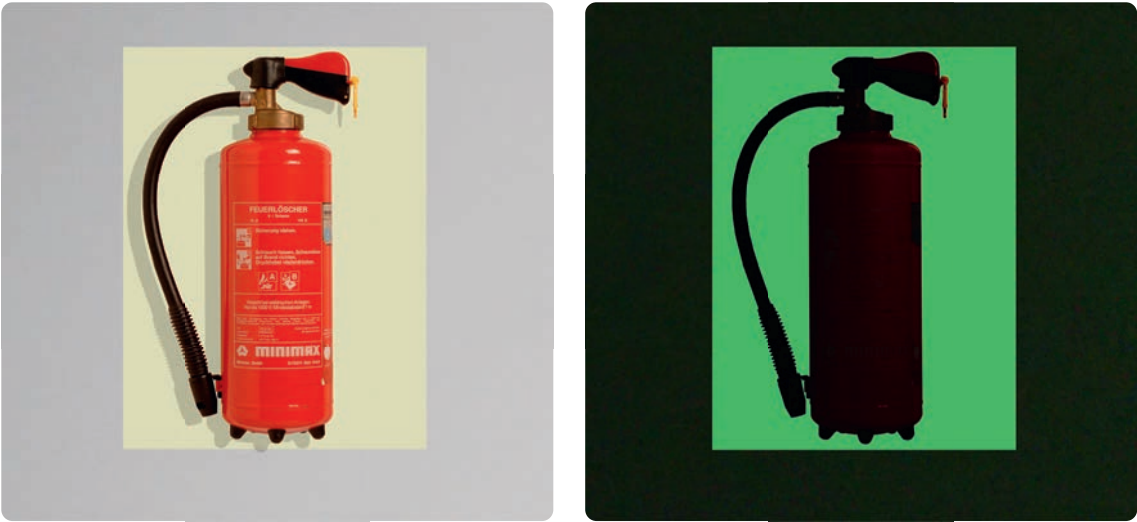
The photoluminescent door handle backing makes it possible to find the door handle of escape doors and emergency exits safely and quickly even in complete darkness and in the event of smoke development.
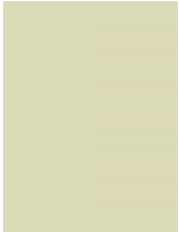

Article Number	Article	Article Description
4CFNNE001-1		PERMALUX photoluminescent door handle backing left (E001) with indication of direction, ISO 7010 • Luminance class C according to DIN 67510 • Material: polycarbonate film, PVC-free • Dimensions: 255 x 100 x 0.25mm • Self-adhesive • Suitable for indoor use and limited outdoor use
4CFNNE002-2		PERMALUX photoluminescent door handle backing right (E002) with indication of direction, ISO 7010 • Luminance class C according to DIN 67510 • Material: polycarbonate film, PVC-free • Dimensions: 255 x 100 x 0.25mm • Self-adhesive • Suitable for indoor use and limited outdoor use

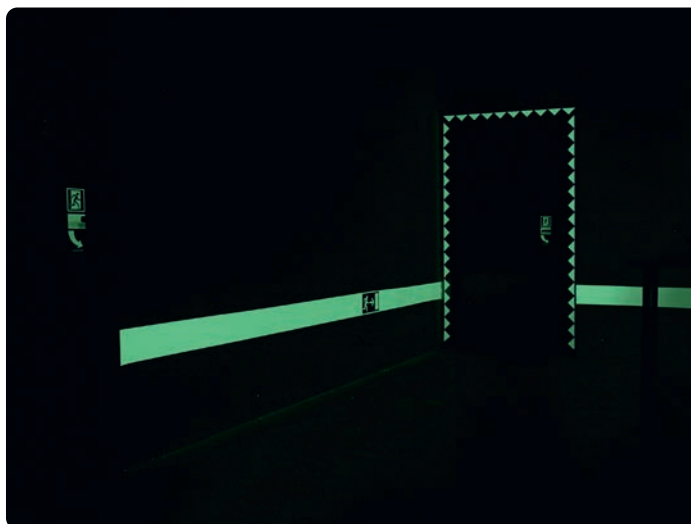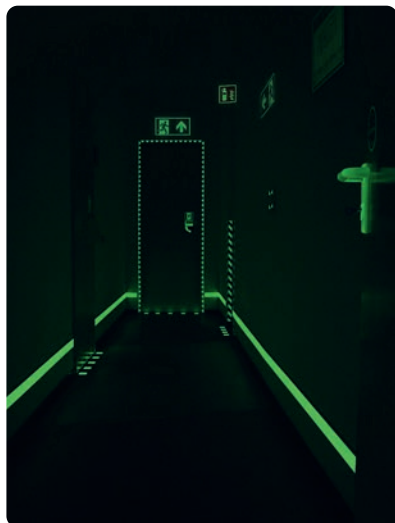# PHOTOLUMINESCENT BACKGROUND FOR THE MARKING OF FIRE EXTINGUISHERS

The photoluminescent background for fire extinguishers allows the safe identification of a fire extinguisher even in darkness and smoke. This makes it possible to use a fire extinguisher more quickly and saves important time to rescue people.

Article Number	Article	Article Description
4CFNO		PERMALUX photoluminescent fire extinguisher background • Luminance class C according to DIN 67510 • Material: Polycarbonate film, PVC-free • Dimensions: 620 x 450 x 0.25mm • Self-adhesive • Suitable for indoor use and limited outdoor use

PHOTOLUMINESCENT MARKING STRIPS

Photoluminescent marking and warning strips are used for marking safe or irregular areas. This can be locations of hazards, such as obstacles, change of level or slippery surfaces. The strips can also indicate safe areas, areas of fire fighting equipment or emergency equipment. Our photoluminescent strips are available in different widths.

Article Number	Article	Article Description
4CMBSKO3016 (Width 30 mm) 4CMBSKO6016 (Width 60 mm)		Photoluminescent marking strip • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 30 or 60 mm, Length: 16 meter • For door marking
4CMBSKPS3016 (Width 30 mm) 4CMBSKPS6016 (Width 60 mm)		Photoluminescent marking strip with black arrows • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 30 or 60 mm, Length: 16 meter • For door marking
4CMBSKPG3016 (Width 30 mm) 4CMBSKPG6016 (Width 60 mm)		Photoluminescent marking strip with green arrows • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 30 or 60 mm, Length: 16 meter • For indication of safe areas

Article Number	Article	Article Description
4CMBSKPLS3016 (left) 4CMBSKPRS3016 (right)		Photoluminescent warning strip with black markings- left or right direction • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 30 mm, Length: 16 meter • For indication of locations of hazards, obstacles, slippery surface
4CMBSKPLS5016 (left) 4CMBSKPRS5016 (right)		Photoluminescent warning strip with black markings - left or right direction • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 50 mm, Length: 16 meter • For indication of locations of hazards, obstacles, slippery surface
4CMBSKPLS10016 (left) 4CMBSKPRS10016 (right)		Photoluminescent warning strip with black markings - left or right direction • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 100 mm, Length: 16 meter • For indication of locations of hazards, obstacles, slippery surface
4CMBSKPLR3016 (left) 4CMBSKPRR3016 (right)		Photoluminescent warning strip with red markings - left or right direction • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 30 mm, Length: 16 meter • For indication of locations of hazards, obstacles, slippery surface
4CMBSKPLR5016 (left) 4CMBSKPRR5016 (right)		Photoluminescent warning strip with red markings - left or right direction • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 50 mm, Length: 16 meter • For indication of locations of hazards, obstacles, slippery surface
4CMBSKPLR10016 (left) 4CMBSKPRR10016 (right)		Photoluminescent warning strip with red markings - left or right direction • Self-adhesive vinyl, luminance 160 mcd/sqm • Width: 100 mm, Length: 16 meter • For indication of locations of hazards, obstacles, slippery surface

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