

Product Data Sheet

PERMALIGHT[®] Power 150/22 Aluminum Emergency Exit Symbol signs

SKUs: 86-60247IBC and 86-60277IBC

Product Description

The PERMALIGHT[®] Power 150/22 Photoluminescent Combined Sign is a UL1994 listed emergency egress path marking, specifically engineered to guide occupants safely along the designated exit route during an emergency. Made from durable aluminum with a glow-in-the-dark coating, this sign features a directional arrow, running man symbol, and "EXIT" text to provide clear guidance during low visibility or power loss.

Product Specifications

UL Model: CC-ALU

Material Class: Photoluminescent aluminum PERMALIGHT[®] Power 150/22

Alloy: AL Mn1 Mg 0,5 in accordance with EN 573-3

Coating: White Polyurethane

Temperature Resistance: - 50 °C to + 130 °C (+ 150 °C for a short time)

Durability for Outdoor Use: 2 years*

Durability for Indoor Use: Almost limitless

Fire Class: A (non-flammable)

*printed sign under vertical outdoor exposure and in normal Central European climate

Durability for Outdoor Use (assessment after 2 years of exposure):

- **Overall appearance:** Slight shine reduction, sign remains flat and even
- **UV stability color:** Minimal fading, 100% readability
- **Overall evaluation:** The entire combination withstands 2 years of outdoor use.

Technical data

86-60247-IBC:

- Sheet Size: 10" x 9"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.25lbs

86-60257-IBC:

- Sheet Size: 10" x 9"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.25lbs

86-60267-IBC:

- Sheet Size: 10" x 9"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.25lbs

86-60277-IBC:

- Sheet Size: 10" x 9"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.25lbs



Luminance Values (DIN 67510 and UL1994)

Luminance 10 min after light outage	Luminance 60 min after light outage	Classification by manufacturer *** (10/60 min value)	Decay duration
150 mcd/m ²	22 mcd/m ²	Class C (140/20 mcd/m ²)	2100 min / 35h

** According to DIN 67510-1:2020 – Long-lasting photoluminescent pigments and products, measurement and classification by the manufacturer.

Application and Use

These signs are installed in corridors, stairwells, and directional transitions requiring clearly marked egress, in accordance with IBC Section 1024.2.6.

Common areas of application:

- Stairwells requiring directional change toward an upper landing
- Corridor intersections where the path turns left and then up a ramp or stairs
- Mid-level landings in multi-story buildings
- Transitional spaces leading to upward exits
- Areas where the egress route changes direction and elevation

Cleaning Instructions

- Clean signs using a damp cloth soaked in a water solution with a mild, alkaline cleaning product (e.g., detergent)
- Do not use abrasive cleaning agents (e.g., scouring agents)
- Do not use alcohol or solvents

Storage Instructions

- Shelf life is 2 years in unopened original packaging when stored at 23°C / 50% relative humidity and protected from sunlight
- Avoid mechanical damage and sharp bends

Failure to comply with these storage instructions will reduce the service life of the product.

Manufacturer

All labelling products are produced according to ISO 9001 and ISO 14001 and comply with the highest quality standards. Selected parameters such as weather resistance and chemical resistance are audited in our in-house laboratory and checked periodically.

Important Notice: All PERMALIGHT® products undergo rigorous quality control throughout the manufacturing process. We supply all products in commercial quality and free from manufacturing defects. Published product information does not constitute a guarantee of properties within the meaning of § 443 BGB. Given the wide range of applications and the continuous development of new uses, it is the user's responsibility to carefully evaluate the product's suitability and performance before use.

The buyer assumes all risks arising from the use of the product, particularly for obviously improper applications. Modifications are subject to change.