

Product Data Sheet

PERMALIGHT® Power 150/22 Aluminum Emergency Exit Symbol signs

SKUs: 86-43027F, 86-43107, 86-43047F, 86-43127F

Product Description

The PERMALIGHT® Power 150/22 Photoluminescent Emergency Exit Symbol Signs are a UL1994 listed path marking used to mark doors along the required exit path, including vestibule and intermediate doors. Made from durable aluminum with a glow-in-the-dark coating, they provide clear visibility during emergencies.

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*

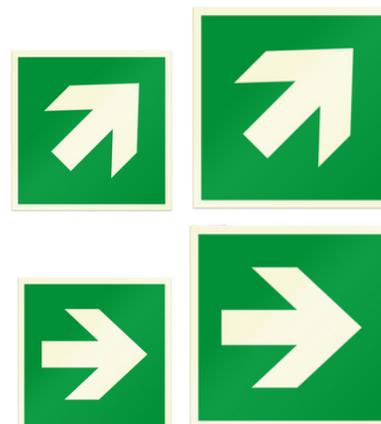
Durability for Indoor Use: Almost limitless

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

86-43107F:

- Sign Size: 5 3/4" x 5 3/4"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.125lbs

86-43027F:

- Sheet Size: 5 3/4" x 5 3/4"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.125lbs

86-43127F:

- Sheet Size: 7 7/8" x 7 7/8"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.1875lbs

86-43047F:

- Sheet Size: 7 7/8" x 7 7/8"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.1875lbs

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 on doors within exit enclosures to guide occupants toward the final exit discharge, in accordance with IBC Section 1024.2.6.

Common areas of application:

- Stairwell vestibule doors
- Intermediate exit doors on upper floors
- Doors within exit enclosures
- Low-level door markings for emergency egress
- Locations where visibility during power loss or smoke conditions is critical

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.

CERTIFICATE OF COMPLIANCE

Certificate Number SA9924
Report Reference SA9924-20100420
Issue Date 2020-NOVEMBER-20

Issued to: AMERICAN PERMALIGHT INC
2570 W 237TH ST STE C
TORRANCE, CA 90505-5276 UNITED STATES

**This is to certify that
representative samples of**

LUMINOUS EGRESS-PATH-MARKING SYSTEMS
Photoluminescent Floor proximity egress path marking
systems, Models CC-ALU, CC-FLEX, CC-AST, CC-TAPE,
CC-RIGID, CC-RIGIDX, CC-RIGIDHI, CC-NOSING and
CC-PROFILE

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1994, Luminous Egress Path Marking Systems
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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