

## Product Data Sheet

### PERMALIGHT<sup>®</sup> Power 150/22 Aluminum Emergency Exit Symbol signs

SKUs: 86-60287-IBC and 86-60547-IBC

#### Product Description

The PERMALIGHT<sup>®</sup> Power 150/22 Photoluminescent Emergency Exit Symbol Signs are a UL1994 listed path marking used to guide occupants toward the final exit discharge, such as doors leading directly to the street or a safe area. 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<sup>®</sup> 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:** Suitable for up to 2 years of outdoor use.



#### Technical data

##### 86-60287-IBC:

- Sign Size: 5 1/2" x 9 1/2"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.125lbs

##### 86-60547-IBC:

- Sign Size: 5 1/2" x 9 1/2"
- Thickness: 0.6 – 1.3 mm
- Sign Weight: 0.125lbs

#### 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 <sup>2</sup>	22 mcd/m <sup>2</sup>	Class C (140/20 mcd/m <sup>2</sup> )	2100 min / 35h

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

## Application and Use

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These signs are installed on the door or directly adjacent to the door within exit enclosures to guide occupants toward the final exit discharge, in accordance with IBC Section 1024.2.6.

### Common areas of application:

- On or adjacent to doors in stairwells
- Along walls inside emergency exit corridors
- Above or beside exit doors that are not immediately recognizable as leading out

## Cleaning Instructions

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- 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

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- 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

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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](http://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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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

