

Aluminum Illuminated Sign Series

TECHNICAL SPECIFICATIONS



Product

Smart Signs Aluminum Illuminated Sign Series is in accordance with all requirements in TEK 17 with reference to NS3926: 17, which is the current standard for photoluminescence signs and guidance systems.

Product description

0.5 mm thick aluminum plate with very high photoluminescent (afterglow) intensity and with an antistatic surface that is easy to clean.

Placement and assembly

Adapted to the customer's needs.

Fire tolerance

- Flameproof
- Self-extinguishing
- Does not emit toxic gases (equivalent to fire class M1)

The material has good fire resistance and does not contribute to the spread of fire.

Specifications

Smart Signs Aluminum signs can be used both indoors and outdoors, even in humid environments. The signs are protected against environmental attacks such as pollution, moisture, UV radiation, chemicals, etc.).

Photoluminescent (luminescent) properties

Smart Signs products are in accordance with the requirements of Norwegian and international standards NS 3926: 17, DIN 67510: 20, ISO 16069: 17, ISO 15370: 21, IMO A.752 (18).

When stimulated by ambient light at 1000 lux for 5 minutes, the illuminating properties are as follows:

Time after light is off	Luminance intensity (mcd / sqm)
10 minutes	318.0
60 minutes	41.5

Discharge time	Duration without light (minutes)
0.32 mcd / sqm	4570

Sizes, Pictograms and Colors

The products are in accordance with national and international standards and legislation, NS-ISO 3864 and NS-EN ISO 7010.

Print

We use screen printing for best results and with extra coating for long life.

Cleaning

The products do not require special maintenance and are cleaned with a dry, clean cloth or cloth dampened with water with or without detergents.

Warranty

Assuming normal installation conditions, that the signs are not exposed to vandalism and proper cleaning, a 10-year guarantee is given on all our Aluminum signs for indoor use and 5 years for outdoor use.

Health and safety

The product does not contain any radioactive substances and is safe within the legislation for toxicity (EN 71-3).

Quality and certification

Smart Signs has type approval certificate from SP Swedish Technical Research Institute.

The quality of Smart Signs Aluminum products is ensured by a strict quality control in accordance with all relevant standards.

Legislation and standards

All our signs comply with the following standards:

- NS 3926:2017
- ISO 16069:2017
- ISO 7010:2017
- NS-ISO 3864:2012
- DIN 67510:20