STEP PROFILE SL1

Standard LED | 24 V DC | max. 1 W/m

The SL1 is a robust surface-mounted LED profile with a direct light line at the step edge. It is suitable for cinemas, theatres, lecture halls, event halls and grandstands where steps should remain clearly visible even under dimmed ambient lighting.



SL1	24 V	max. 1 W/m	EDGE	80.7 mm	42.8 mm
surface-mounted	DC standard	power	direct light	width	height

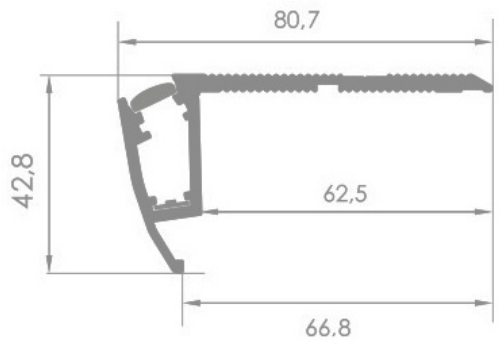
1 Product construction

- Aluminium profile with integrated LED light line
- Direct light emission at the front step edge
- Surface-mounted on suitable existing stairs
- Project-specific lengths and cable routing
- Optional row indicator can be integrated

2 Technical product data

Product	**LED Step Profile SL1 Standard LED**
Profile type	**Surface-mounted / step-edge profile**
Voltage	**24 V DC**
LED version	**Standard LED**
Rated power	**max. 1 W/m**
Light colour	**Warm white, neutral white or daylight white, project-specific**
Light effect	**Clear linear step-edge marking**
Top surface	**Slip-resistant structure**

3 Dimensions



Key dimensions (mm): 80.7 | 42.8 | 62.5 | 66.8

4 Typical applications

- Cinema
- Theatre
- Lecture hall / auditorium
- Event hall
- Grandstand

More information

bissinger-lights.de/en/led-step-profiles/

Product: SL1

Technical data for planning purposes. Execution, lengths and connection points require project-specific approval. Status 07/2026.

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1 Product description

Technical overview of the finished SL1 product with Standard LED. This data sheet describes the profile, LED light line, dimensions and applications. Controls, power supply, dimming and emergency-power components are intentionally designed separately for each project.



2 Direct step-edge lighting

Clearly visible edge

The direct light line marks the front step edge without additional tread illumination.

Retrofit-friendly

The surface-mounted design is particularly suitable for refurbishment, retrofit and visible step-edge marking.

3 When is SL1 the right choice?

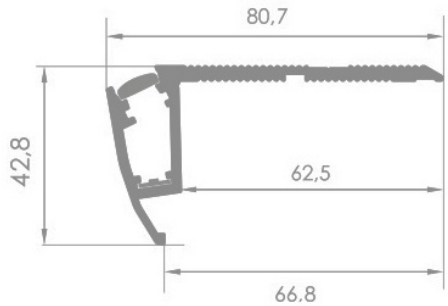
- When a clearly visible step edge is required
- When a surface-mounted solution is suitable
- For retrofit and refurbishment of existing stairs
- When no additional tread illumination is required
- When project-specific lengths and cable routing are needed

4 Typical applications

- Cinema
- Theatre
- Lecture hall / auditorium
- Event hall
- Grandstand

5 Planning & application

- Suitable stair / step edge to be checked on site
- Cable routing defined project-specifically by drawing
- Confirm lengths, mitres and connection positions before production
- Delivered as finished SL1 profile with Standard LED, project-prepared
- Controls, power supply and emergency-power components are not included



Key dimensions (mm): 80.7 | 42.8 | 62.5 | 66.8

6 Difference from SL2

SL1	**Linear step-edge marking**
SL2	**Edge marking plus additional tread illumination**

SL1 is the appropriate profile when the step edge itself should be clearly marked without additional illumination of the tread surface.

Important notes

- Plan for indoor areas and suitable step constructions.
- Mechanical fixing, lengths and cable routing are defined for the specific project.
- Obtain dimensional and drawing approval before production.
- This product data sheet does not define controls or power supplies.

This data sheet describes the finished profile product. Controls, power supply, dimming and emergency power are designed separately for each project.

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