STEP PROFILE SL2

24 V DC | max. 2 W/m | 2 light zones | surface-mounted

The SL2 step profile combines direct step-edge lighting with additional illumination of the tread surface towards the front and downwards. This creates a particularly homogeneous lighting effect - ideal for dark finishes and areas with very low ambient lighting.



24 V	max. 2 W/m	2 zones	SURFACE	INDOOR	LED
DC standard	total	edge + tread	retrofit	dry areas	standard

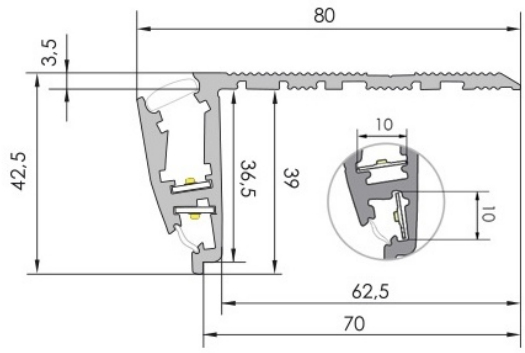
1 Product benefits

- Direct illumination of the step edge
- Additional illumination of the tread surface towards the front and downwards
- Particularly suitable for dark finishes and low ambient light
- Suitable for new build and retrofit
- Homogeneous lighting effect for improved orientation

2 Technical core data

Profile type	**Surface-mounted profile**
Voltage	**24 V DC**
Light effect	**Step-edge lighting + additional tread illumination**
Light zones	**2**
Power	**max. 1 W/m per light zone; max. 2 W/m total**
Mounting	**Suitable for new build and retrofit**
Applications	**Cinema, theatre, lecture hall, grandstand, event hall**
Execution	**Project-specific light colours and cover colours**
Indoor use	**Yes**

3 Dimensions



Key dimensions (mm): 80.0 | 42.5 | 70.0 | 62.5 | 39.0 | 36.5 | 10.0

4 Typical applications

- Cinemas with dark floor finishes
- Theatres with low auditorium ambient light
- Lecture halls and auditoriums
- Grandstands and audience areas
- Event and multipurpose halls

More information

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

Product: SL2

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

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STEP PROFILE SL2

24 V DC | max. 2 W/m | 2 light zones | surface-mounted

1 Product description

The SL2 is a high-quality surface-mounted profile for professional step lighting. The upper light zone clearly marks the step edge, while the lower light zone additionally makes the tread surface visible towards the front and downwards. The result is an even lighting effect, particularly useful with dark floor finishes and low ambient lighting.



2 Two lighting effects in one profile

L Upper light zone - edge light

The upper light zone clearly marks the step edge and provides direct orientation.

L Lower light zone - tread illumination

The lower light zone supports perception of the tread surface and produces a more homogeneous light distribution.

3 When is SL2 the right choice?

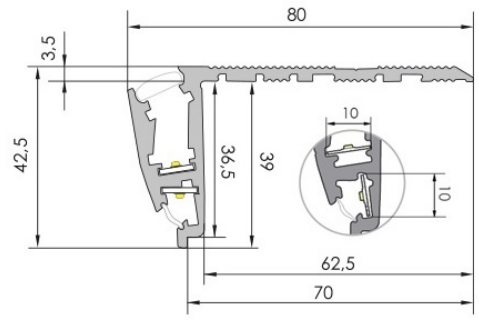
- When edge lighting alone is not sufficient
- When dark finishes require a stronger lighting effect
- When edge and tread should be perceived more evenly
- When a high-quality professional step-lighting system is required
- When existing stairs are to be retrofitted

4 Typical applications

- Cinemas with dark floor finishes
- Theatres with low auditorium ambient light
- Lecture halls and auditoriums
- Grandstands and audience areas
- Event and multipurpose halls

5 Mounting & application

- Surface-mounted profile for new build and retrofit
- Designed for indoor use
- Particularly suitable with low auditorium ambient lighting
- Project-specific light colours and cover colours available
- Can be combined with a row indicator



Key dimensions (mm): 80.0 | 42.5 | 70.0 | 62.5 | 39.0 | 36.5 | 10.0

6 Difference from SL1

SL1	**Classic linear step-edge lighting**
SL2	**Edge lighting plus additional tread illumination for a more homogeneous effect**

SL2 is often the appropriate choice when a particularly even and clearly perceptible step-lighting effect is required.

i Important notes

- Technical execution is project-specific.
- Dimensions according to the technical drawing.
- Technical changes reserved.
- Controls, power supply, dimming and emergency power are designed separately for the project.

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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