



# LED Step | Stair

## Lighting Collection



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*The leading Turkish brand of quality Auditorium, Theatre, and Cinema Seating*

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## LED Step & Stair Lighting

SEGASit offers LED stair lighting solutions with a wide range of models and versions to meet the staircase lighting requirements of cinemas, auditoriums, conference, and theater halls.

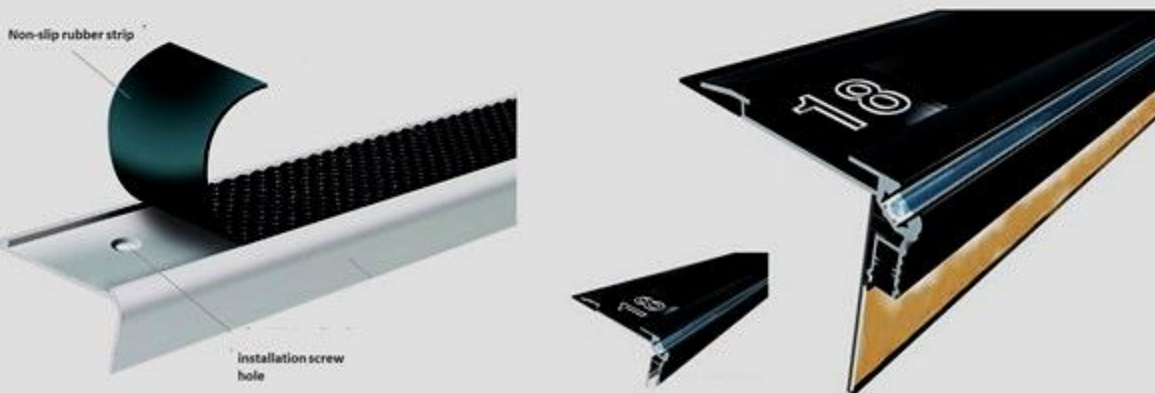
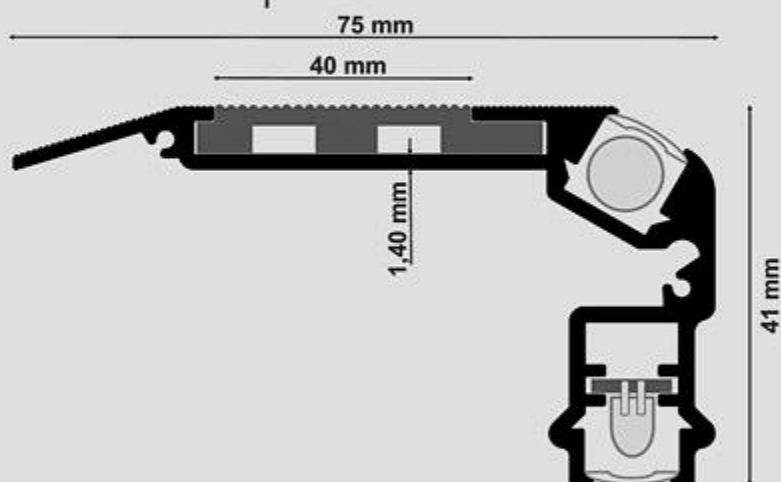
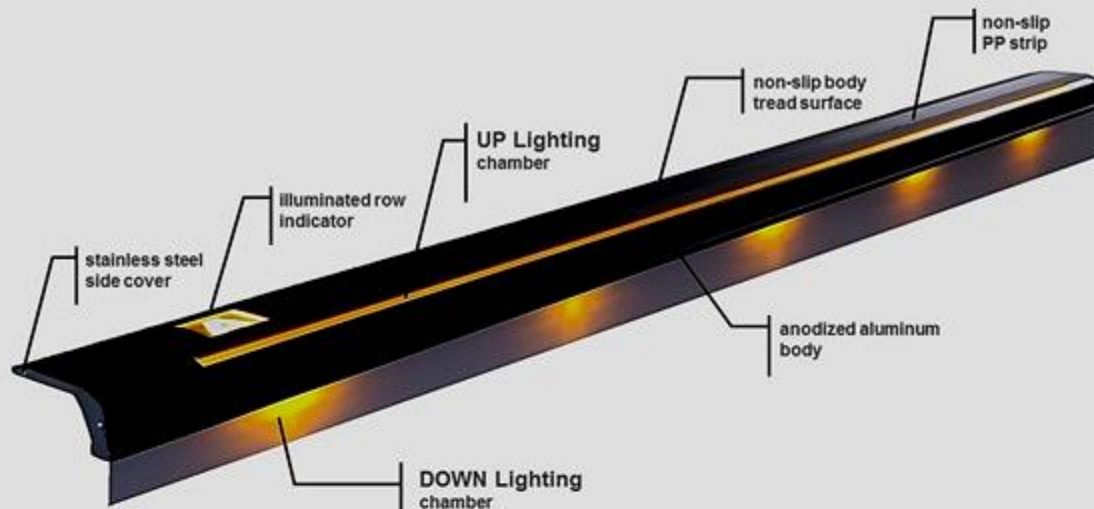
The Cinema and Theater Series LED Step Lighting is an aluminum stair profile with a color LED. Perfect for theater applications this profile also offers an optional lighted aisle marker with a number, letter, or symbol.

SEGASit LED stair lighting is designed not only to illuminate your stairs but also to make them safe.

The LED step lighting system that provides a continuous linear lighting effect is ideal for theater step lighting and Emergency Safe Path Way Lighting.

We offer a wide range of LED aisle lighting solutions for your staircase lighting requirements.





## LIGHTING SYSTEM

The whole system operates by 12V DC, making the whole system extra safe. Instant start, No flicker, No noise, Low work temperature, and Low power consumption. Various colors of LED can be used and colors selected to your choice of RED-BLUE-COLD WHITE-WARM WHITE-GREEN-AMBER.

**UP-LIGHTING System** is an LED-based lighting solution that offers a seamless linear lighting effect. The lighting is transmitted via a special solid core optic rod, which ensures a continuous and uniform line of illumination emanating from the lateral light sources.

The system features two 5mm LED bulb lights situated on the left and right head of the lighting chamber. To minimize energy usage, each LED bulb light in the system draws a mere 18mA, resulting in a total usage of 36mA. Additionally, the lateral LED bulb light sources are concealed within black polycarbonate covers, rendering them invisible.

It is unnecessary to dim the UP-LIGHTING lighting system due to the unique design of the system. The illumination is only visible to the spectators as it is not directed towards the outside. This is achieved through the use of a specially designed solid core fiber optic rod that carries the illumination as a continuous and uniform line from the lateral light sources.

**DOWN-LIGHTING:** We offer your choice of *The Pinpoint Effect* or *The Continuous Effect*.

**The Pinpoint Effect** is provided by 15-20° narrow-angle single-color 18mA LED bulbs that are placed at certain intervals in the DOWN lighting chamber.

**The Continuous Effect** is provided by a Strip LED that is placed in the DOWN lighting chamber.

## ROW INDICATOR

The illuminated ROW indicator is perfect for theater applications this profile also offers an optional lighted aisle marker with a number, letter, or symbol.

## BODY

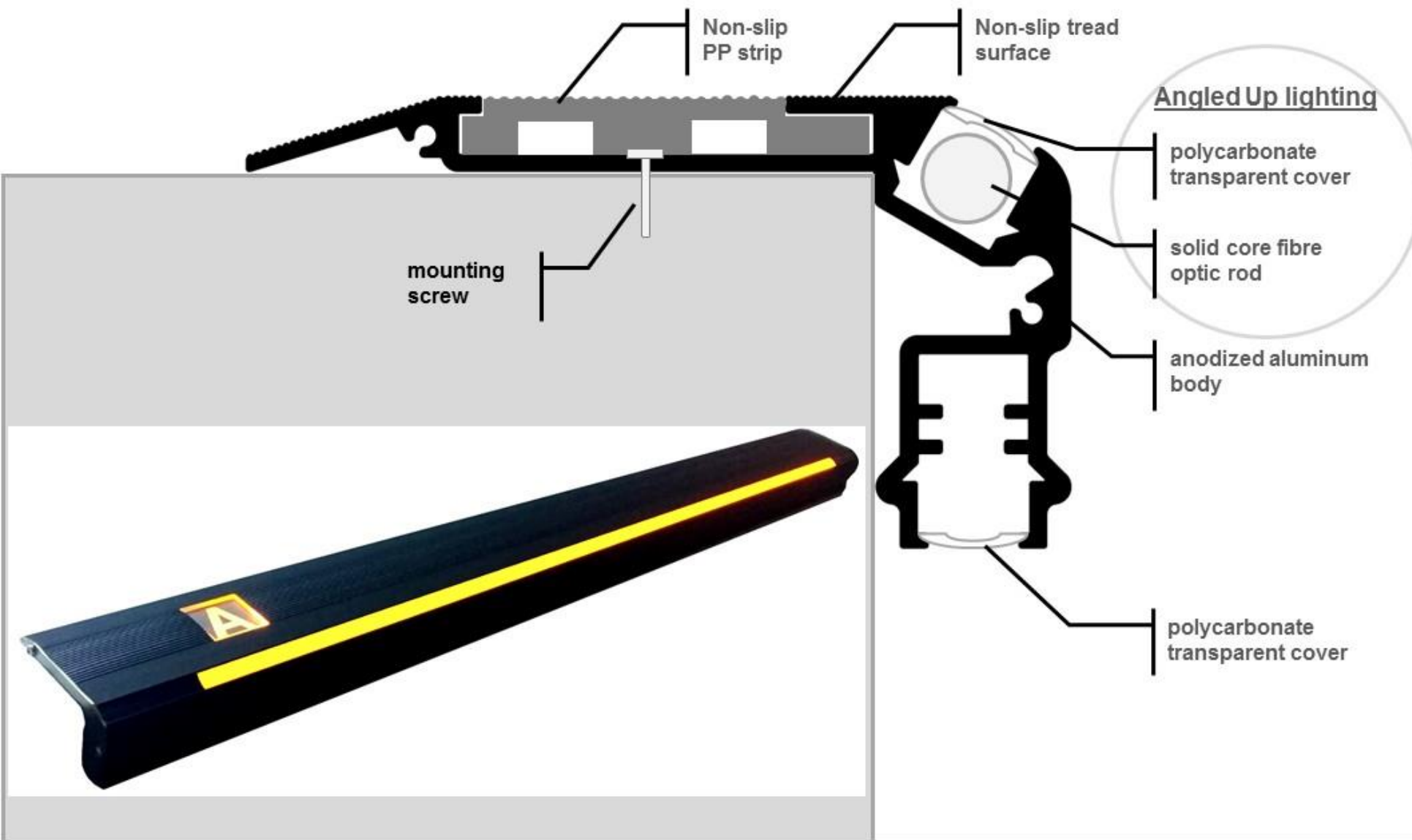
The body is made of a meat thickness 1,40 mm anodized aluminum profile for use with 90° step angles-eliminates the problem of rusting. The standard anodizing color is BLACK. The whole treading surface is designed with claws and equipped with a non-slip 40mm wide plastic strip to prevent the foot from slipping. Both sides of the body are enclosed with stainless metal covers. All illumination chambers are enclosed with polycarbonate transparent covers.

## INSTALLATION

Each lighting profile is equipped with a 30 cm energy cable. Before installing the profiles on the steps, it is important to remove the non-slip rubber strip and securely mount the profiles onto the steps using screws. The non-slip rubber strip should then be fixed onto the tread surface of the profiles. The screws will remain invisible once the installation process is complete. To regulate the power of 12V, a D/C intermediary power transformer should be installed on the main power supply in each hall. The energy is then distributed via cable from this main power source to the steps.



## UP Lighting with Continuous Effect

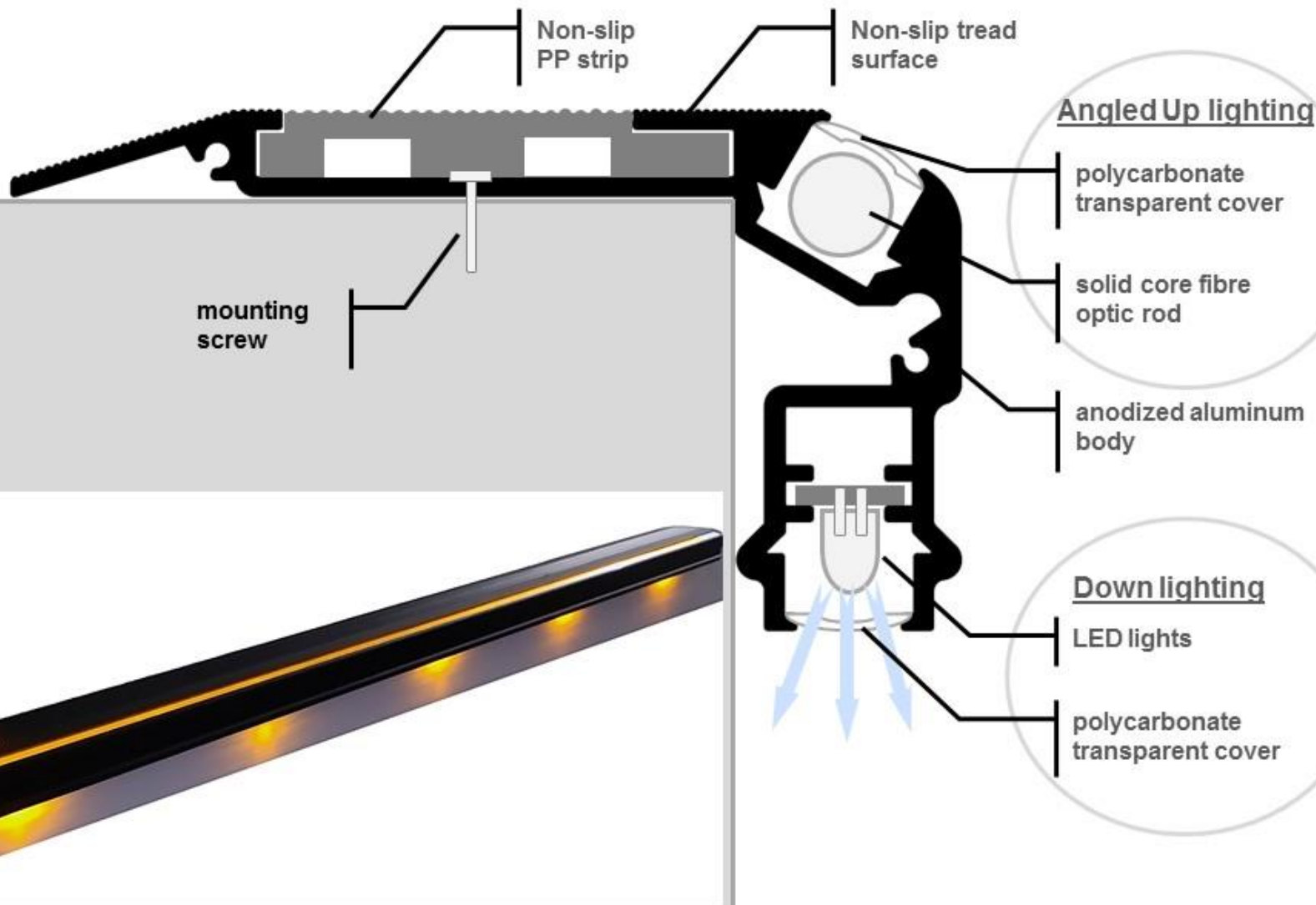


### ➤ UP LIGHTING

**The Continuous Effect** is provided by a special solid core fiber optic rod as a continuous and homogeneous line from lateral light sources.



## UP & DOWN Lighting



### ➤ UP LIGHTING

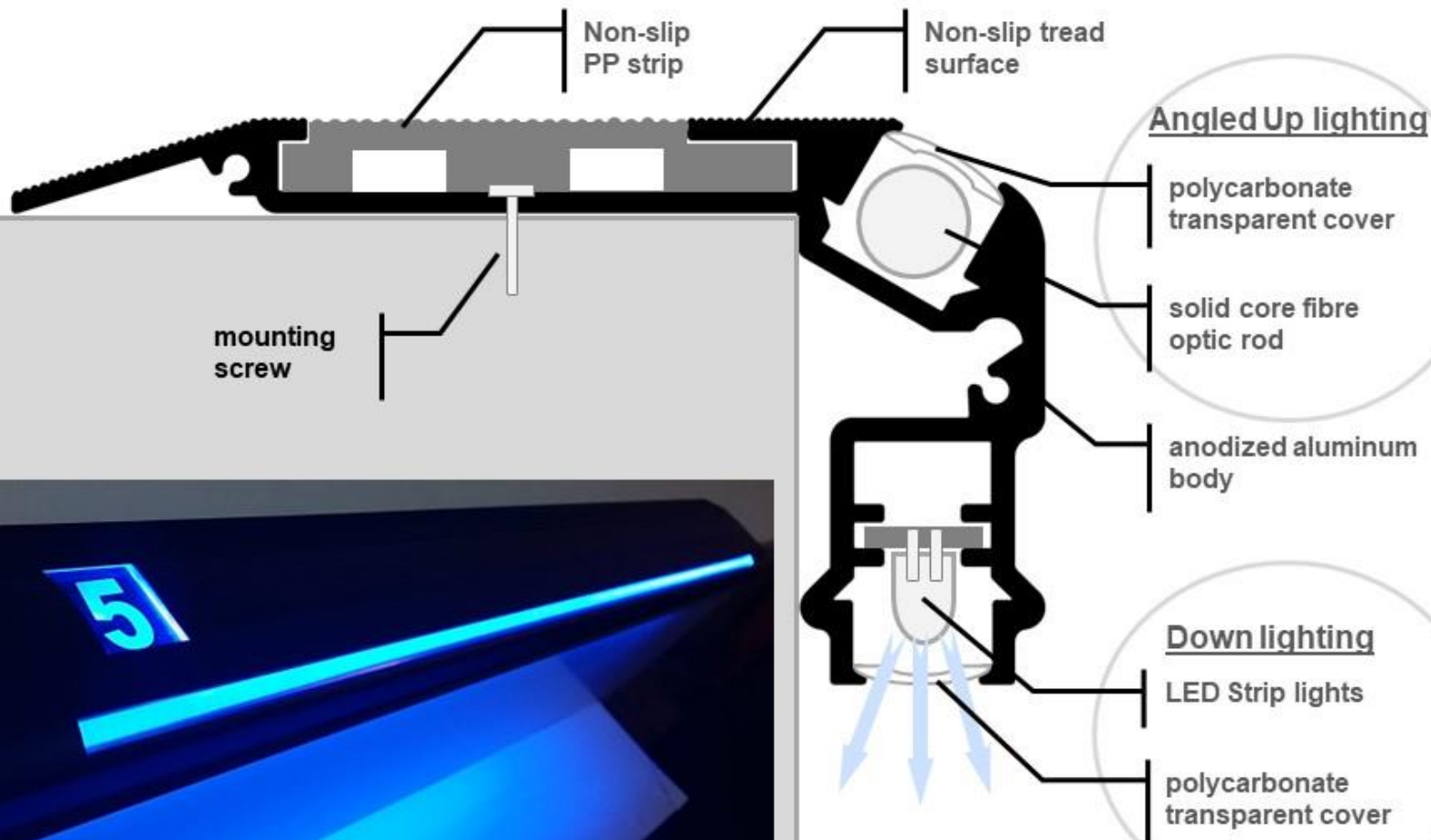
**The Continuous Effect** is provided by a special solid core fiber optic rod as a continuous and homogeneous line from lateral light sources.

### ➤ DOWN LIGHTING

**The Pinpoint Effect** is provided by 15-20° narrow-angle 18mA LED bulbs placed at certain intervals in the DOWN lighting chamber.



## UP & DOWN Lighting



### ➤ UP LIGHTING

**The Continuous Effect** is provided by a special solid core fiber optic rod as a continuous and homogeneous line from lateral light sources.

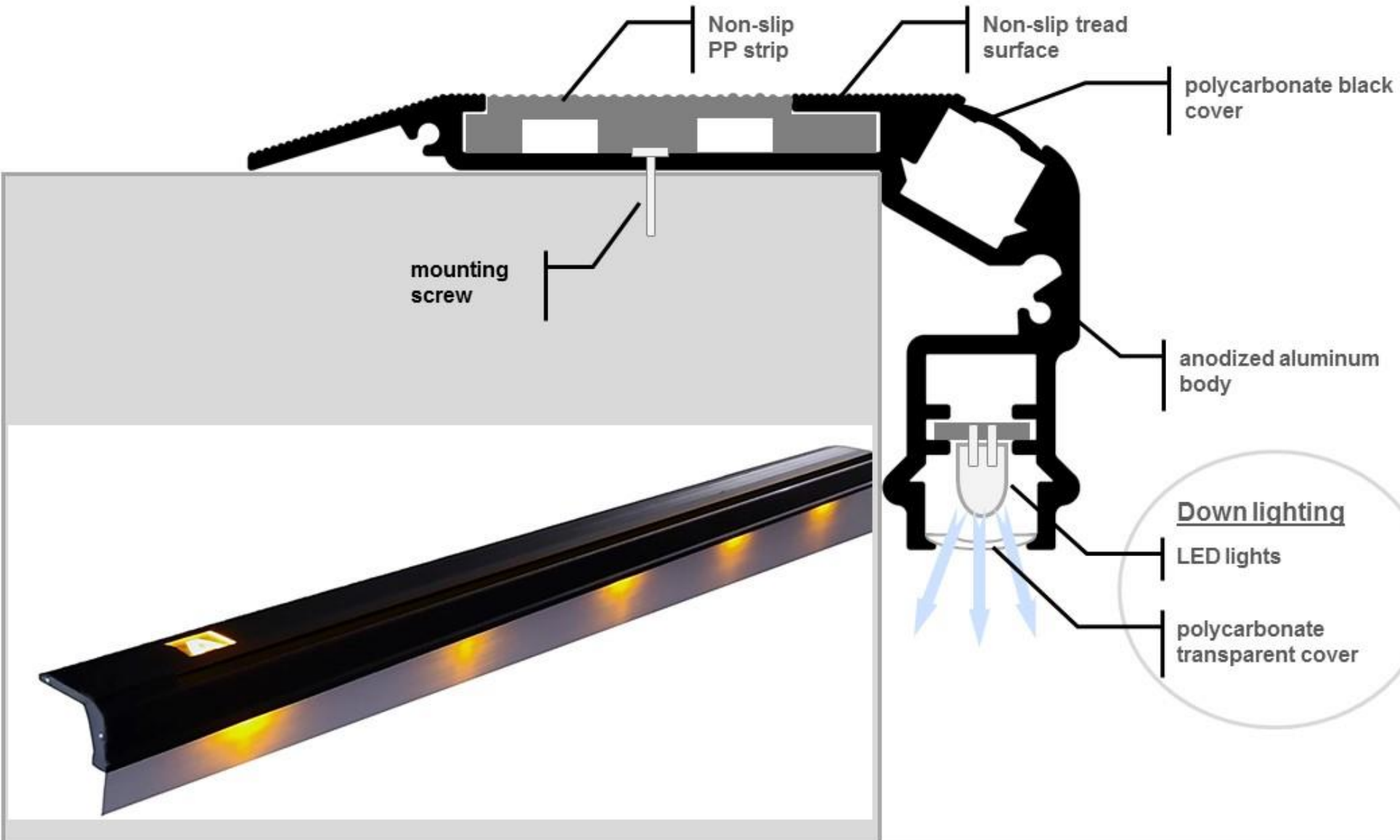
### DOWN LIGHTING

**The Continuous Effect** is provided by a Strip LED placed in the DOWN lighting chamber.





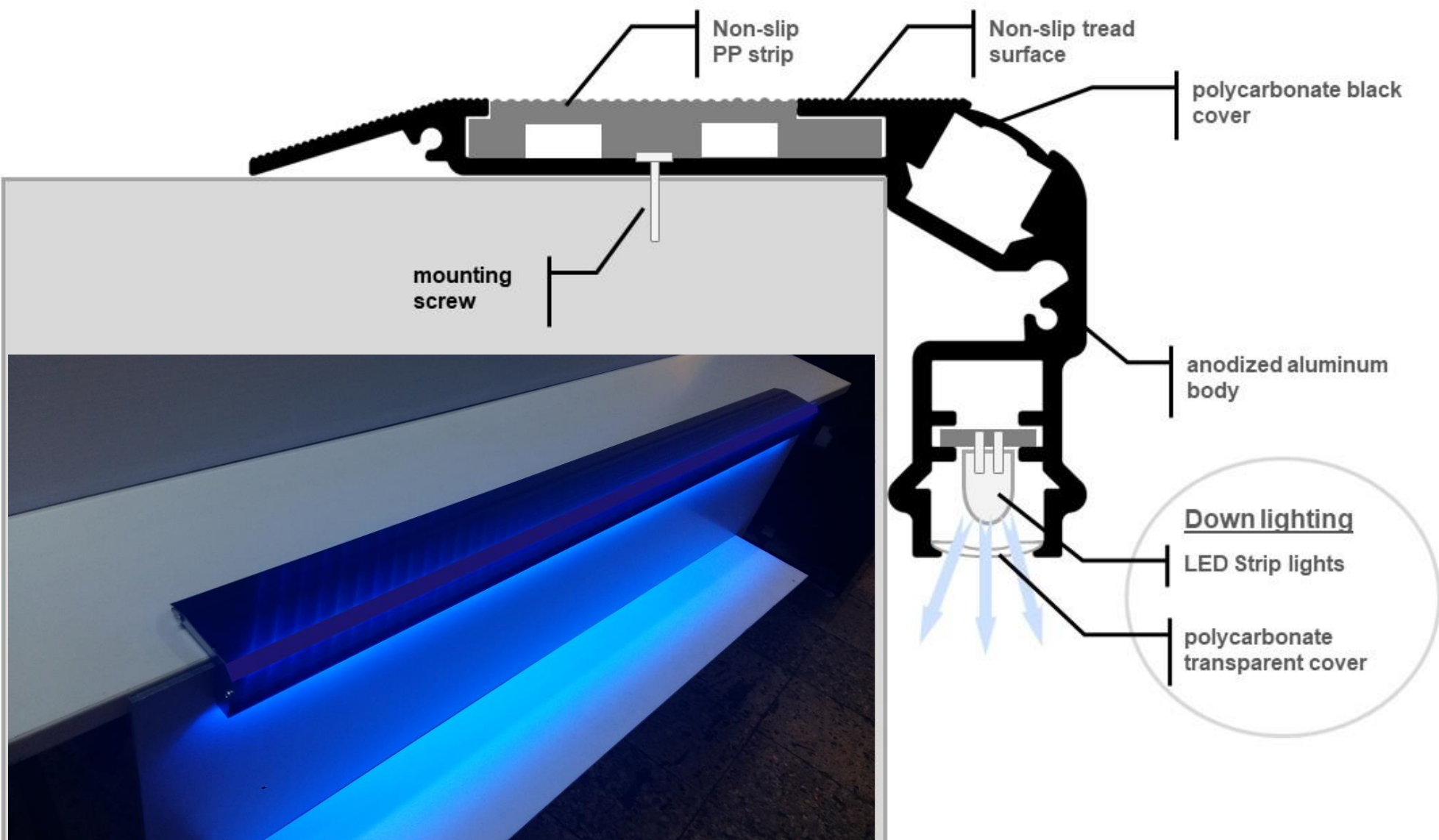
## DOWN Lighting with Pinpoint Effect



### ➤ DOWN LIGHTING

**The Pinpoint Effect** is provided by 15-20° narrow-angle 18mA LED bulbs placed at certain intervals in the DOWN lighting chamber.

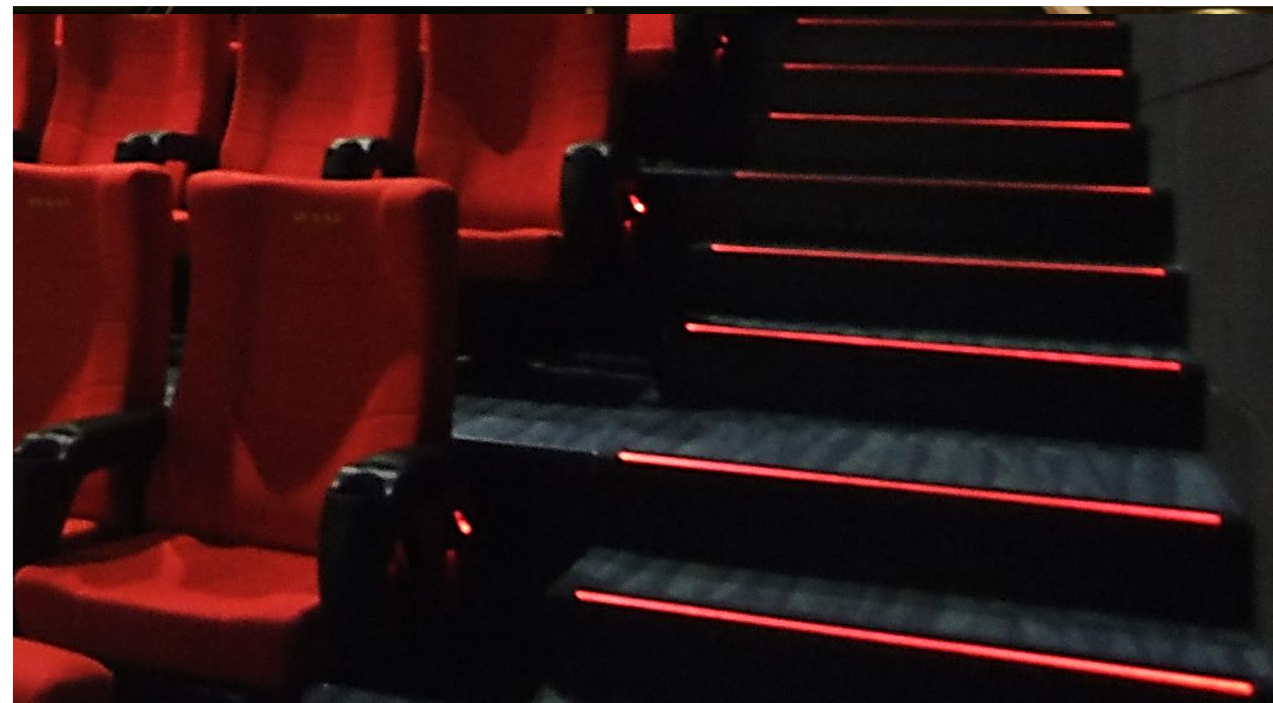
## ◆ DOWN Lighting with Continuous Effect



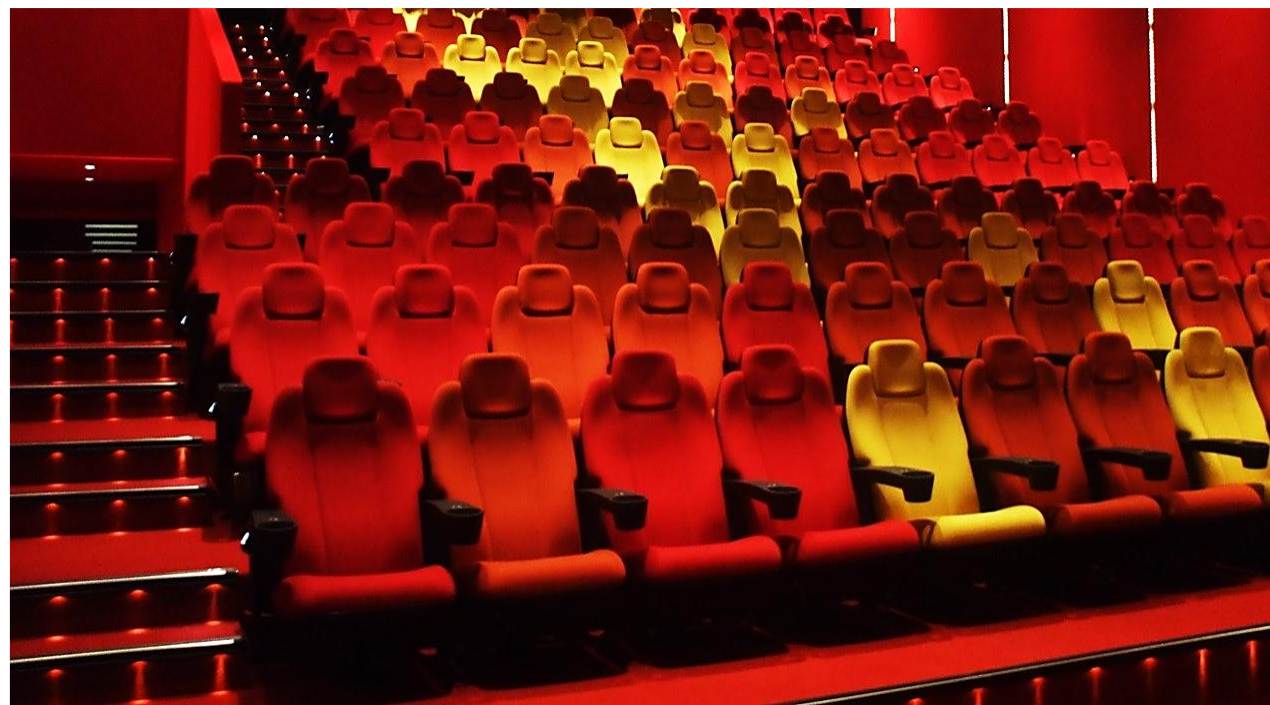
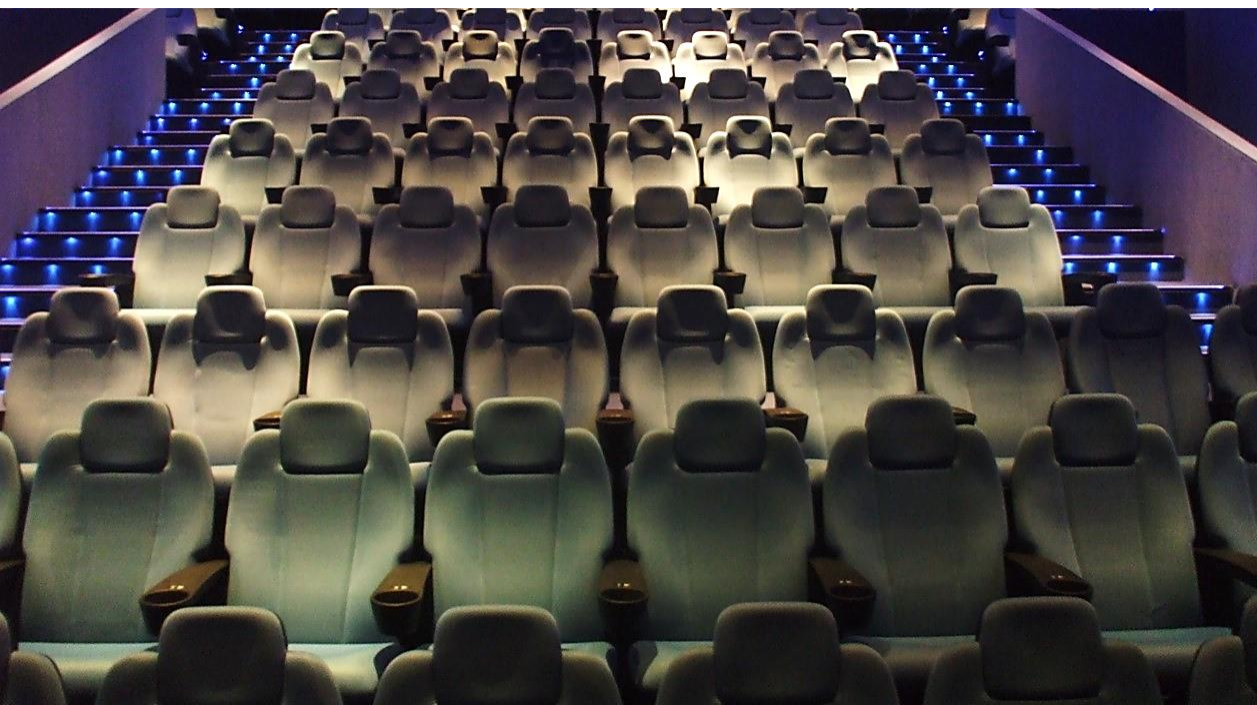
### DOWN LIGHTING

**The Continuous Effect** is provided by a Strip LED placed in the DOWN lighting chamber.

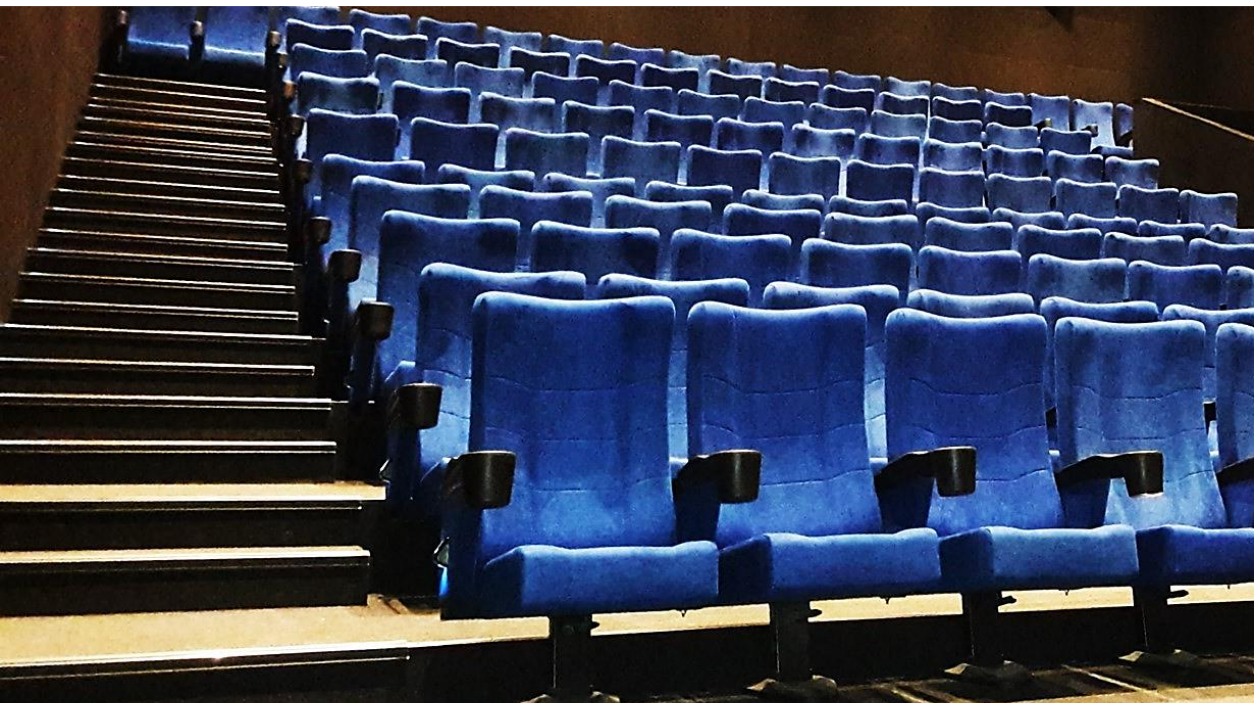




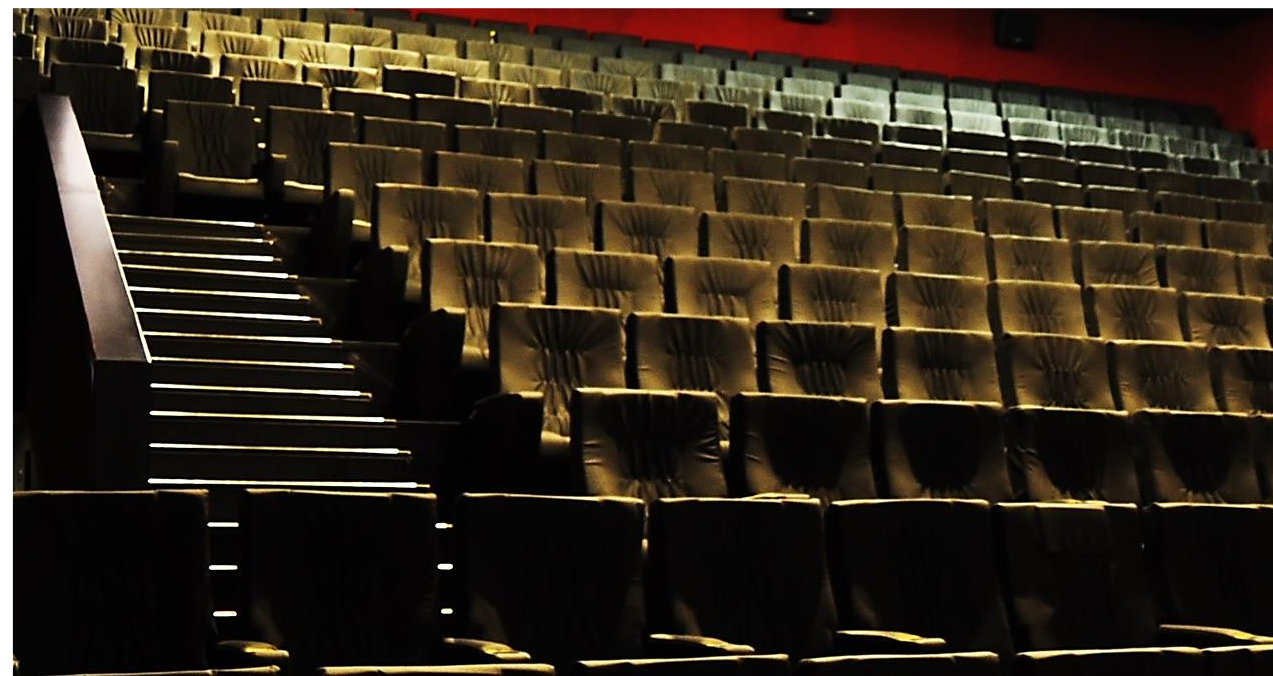














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