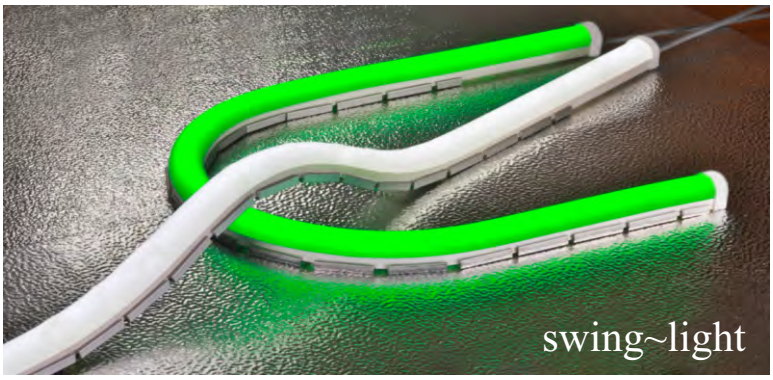
swing~light and swing~light open



swing~light is a linear luminaire with an outer body made of silicone. A chain of LEDs embedded on the inside illuminates the profile when it is switched on.

swing~light open is also an elongated luminaire, but without a top section. This version is intended for light lines where the LED light points need to be visible. The LED spacing is usually larger and can be between 60 and 100 mm.

Both versions can be supplied with single-colour or RGB light.

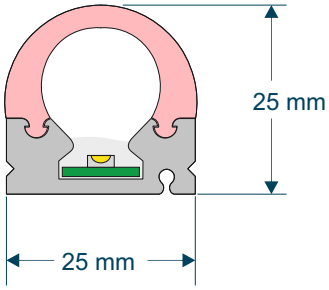
In the single-colour version, swing~light can be rotated and bent in all directions and is permanently flexible. The RGB version can only be bent in one direction (see page 3).

The outer body is made entirely of silicone and consists of two parts. The white lower section contains the LEDs, which are transparently encapsulated. The upper part of the profile is also made of silicone, but has different optical properties. It is translucent and has a light-diffusing effect.

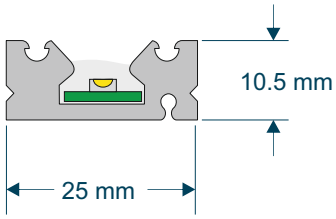
The upper part can be supplied in six different colors. The upper and lower parts are permanently bonded together and cannot be separated.

swing~light is manufactured individually according to customer specifications up to a maximum length of 5,000 mm.

swing~light



swing~light open



Key features of swing~light:

- "Made Germany" to customer specification
- Can be bent horizontically and/or vertically
- Warm or cool white light
  (other colour temperatures on request)
- Luminous colours:
- red, blue, green, yellow, orange
- Also available in RGB/RGBW LEDs
- Energy-saving series connection of LEDs
- Suitable for indoor and outdoor use (IP67)

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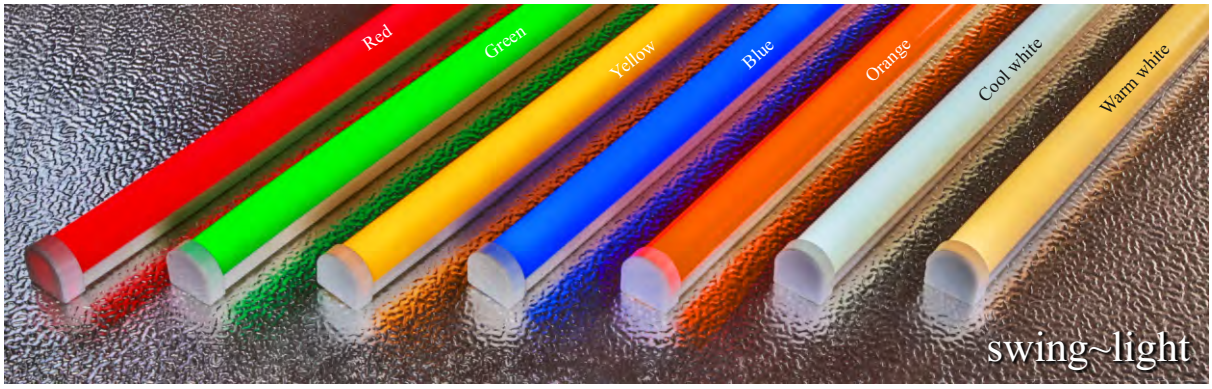
swing~light · Luminous colours



Single-colour light

A distinction must be made between upper parts made of white or coloured silicone.

A white upper part combined with white LEDs can be used to generate warm white or cool white light. While warm light is the best choice for living areas, cool light can be used to attract attention, for example on building facades.

If a colourful design is required, the profile can be supplied with blue, red, green, yellow or orange LEDs. Using an upper part in the respective colour ensures a high colour saturation and makes sure the profile retains its colourful appearance even when it is switched off.

White light

Warm white 2700 K	Cold white 6500 K

Other colour temperatures available on request

Coloured light

red	blue	green
orange	yello	RGB/RGBW

Upper part

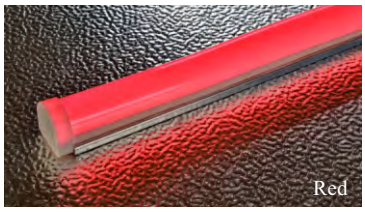
white	blue	red
green	orange	yello

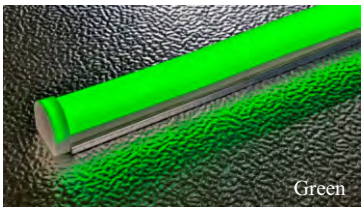
RGB / RGBW

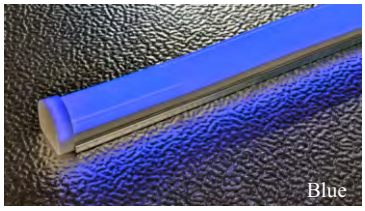
swing~light can also be supplied with RGBW LEDs.

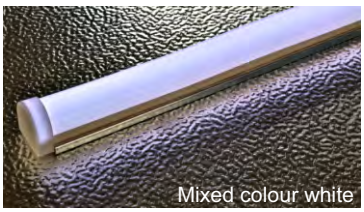
Using a white upper part, one of 16 million luminous colours can be adjusted manually or dynamically with a suitable controller.

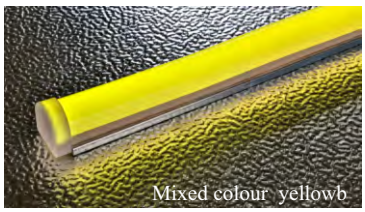
The RGB/RGBW **swing~light** has just one limitation compared to the single-colour **swing~-light**: The profile can only be bent in one direction.

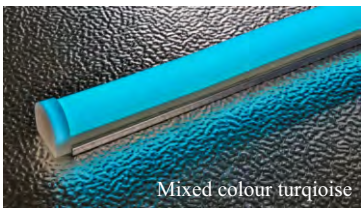












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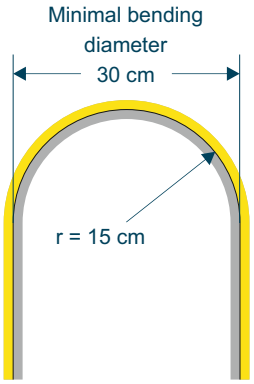
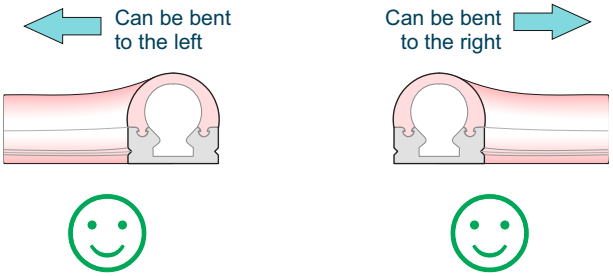
swing~light · Bending

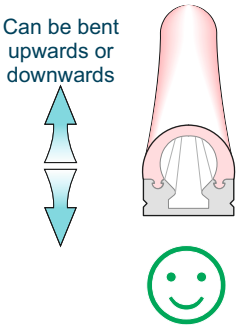
Single-colour swing~light: bending in all directions

The new and distinctive feature of **swing~light** is its flexibility in any direction. This is achieved by the use of silicone as the body material and the LED chain, which is also flexible in any direction.

The minimum bending radius is 15 cm, which is equivalent to a bending diameter of 30 cm. This value is applicable in any bending direction. An A4-sized paper provides a good orientation: The long side is equivalent to the smallest possible bending diameter.



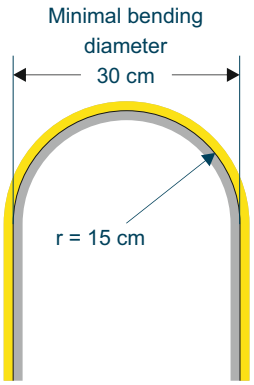


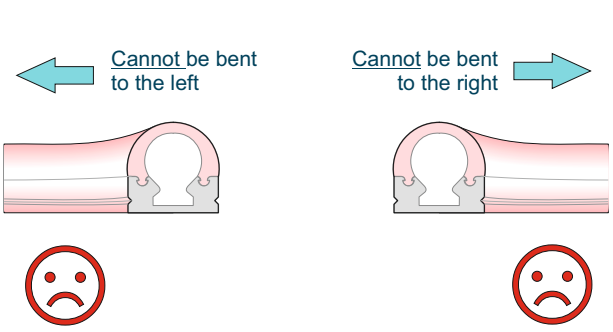


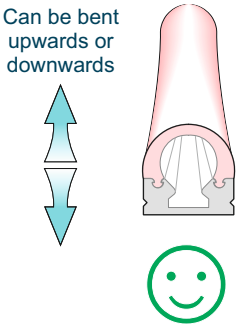
RGB / RGBW: Bending in one plane

Das **RGB/RGBW swing~light** can be bent in one plane only. The smallest bending radius is 15 cm (the same as with the single-colour profile).

This means that the profile could, for example, be wound around a column.







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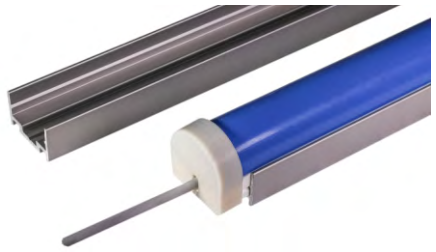
swing~light · Fixing and mounting accessories

Mounting rail for installation in a straight line

The mounting rail supports the installation of straight illuminated lines. It can be screwed to the supporting structure (wall, ceiling, etc.). **swing~light** is then simply pushed onto the rail until it snaps into place.

The profile can always be removed from the mounting rail.

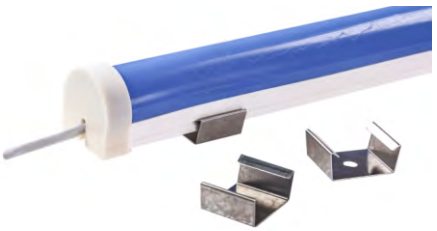
Aluminium mounting rail



Mounting brackets for installation in curves

If the light profile is to be installed in curves, we offer spring steel mounting brackets. They can be deformed in all directions and provide a permanent hold for installations inside buildings or outside on building façades.

Spring steel mounting brackets

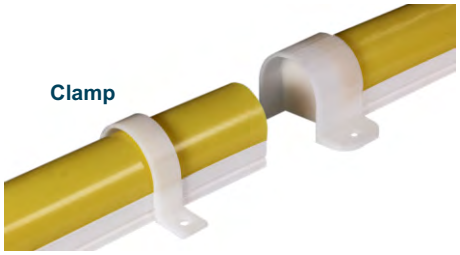


Connecting clamps

Connecting clamps and clamps made of plastic are available or can be manufactured using the 3D printing process.

Connection clamp

Clamp



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