

swing~light

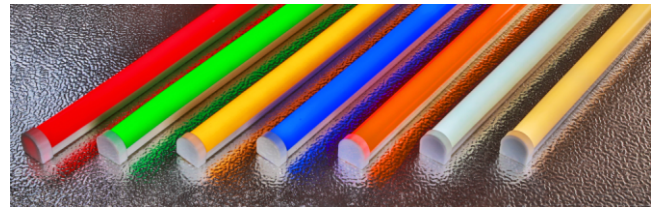
The **hansen** swing~light is a linear LED luminaire designed to create decorative illuminated lines inside and outside of buildings, to provide guidance, and as replacement for neon tubes.

The body of the luminaire consists of extruded silicone profiles. The lower part is white, the upper part can be supplied in various colours. The upper and lower part are permanently bonded together.

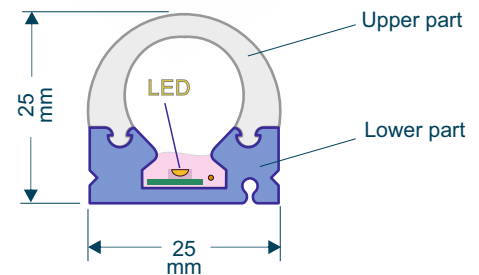
The lower part of the profile contains the LEDs and connecting cables. The electrical components are embedded in silicone.

At both ends, the profiles are closed with glued end caps. The connecting cable is led out of the profile either through the end cap or the lower part of the profile.

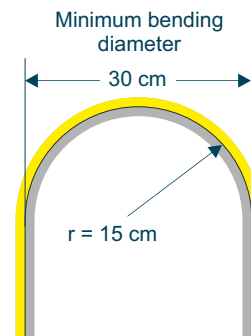
The LED circuit boards are operated in a series connection where each circuit board houses two LEDs and a protective diode. The two LEDs are connected in parallel, i.e. each LED is operated with half the converter current (= 50 mA).



Cross-section and dimensions

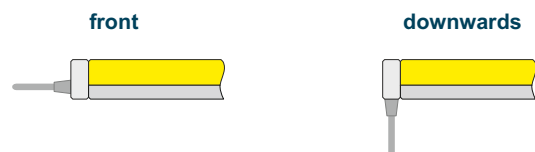


Bending



swing~light can be bent horizontally and/or vertically with a minimum radius of 15 cm.

Cable connection



Photometric data

Luminous colour	Luminous flux (per metre)
White	550 lm
Tolerance of the photometric data: +/- 10%	

General data

LED spacing	15 mm
LED radiation angle	120°
Max. available length	5,000 mm
Bending direction	Horizontal and/or vertical
Minimum bending radius	150 mm
Degree of protection	IP 67
Protection class	II
Ambient temperature range	-25°C bis +65°C
Residual luminous flux	80% after 50,000 operating hours
Conformity	CE, RoHS
Available colours	Warm white (2700K), cool white (6500K), red, blue, green, yellow, orange, RGB

Electrical data

Type of connection	Series connection
Power supply unit	hansen converter type C100/...
Converter current	100 mA
Max. LED current	50 mA
LED wattage (50 mA)	0.15 W
Wattage per metre	9 W
Connecting cable	H07RN-F 1x1.5 mm ² (Hansen Typ 24)

All values refer to an ambient temperature of +25 °C.

Electrical connection

