

# CURLING

## Data Sheet

### Suspension Rope S LED



Curling perfectly combines sustainable LED technology with elegant and timeless design. Thanks to intelligent design details, Curling functions both as a downlight and a ceiling light and is perfectly suitable for a wide range of applications.

Examples of applications:  
Private or commercial spaces. Singly and in series.  
For example over worktops, display surfaces,  
counters, bars, long table rows.

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## Suspension Rope S LED

### Technical data sheet

The delicate glass body is available in clear or opalescent glass or as a clear outer shell with cylindrical or conical inserts. The perfect interplay of the individual design elements means light emission and moods can be perfectly tailored to every interior setting. A special optical insert, attached below the light source with two small magnets, allows for ideal light distribution and soft, glare-free light.

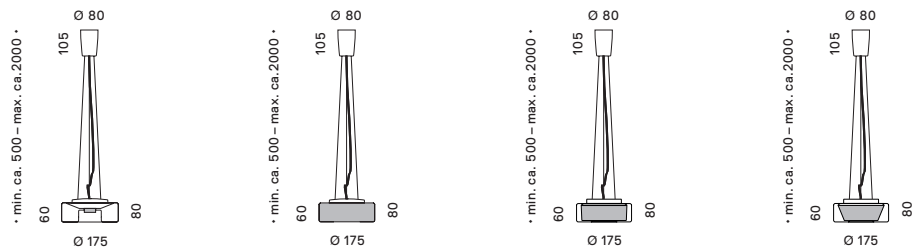
Design da Costa & Wolf

### Material & surfaces



Material canopy	aluminum			
Surface canopy	polished			
Suspension	three steel ropes			
Glass shade	mouth-blown clear	mouth-blown opal	mouth-blown clear	mouth-blown clear
Reflector	optical insert	optical insert	cylindrical opal acrylic glass and optical insert	conical opal acrylic glass and optical insert

### Dimensions



### Technical data

Illuminant	LED CoB (LED unit can be replaced on site)	
Power	11 W	
Luminous flux LED (nominal value) <sup>1</sup> / Color temperature	2700K	3000K
	950 lm / 1000 lm	
Color rendering index	> 90 CRI (other color rendering indices available on request)	
Operating voltage	primary 220 – 240 V AC, secondary 36 V D	
Control	TRIAC	
Average lifetime LED	50.000 h <sup>2</sup>	
Energy efficiency class	A++ to A	
Guarantee	2 years	
Features	glass shade mounted tool-free; 110 V versions on request; special lengths on request	
Weight	ca. 1.5 kg	




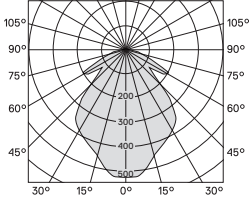

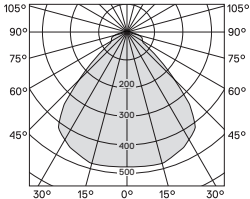

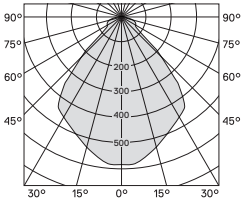

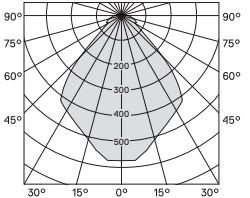
The crossed-out wheelee bin indicates that this electrical appliance must not be disposed of via household waste. In order to protect human health and the environment against potentially hazardous substances, at the end of its lifecycle this product can be taken to a collection point close to you and disposed of free of charge there. This separate disposal enables electrical appliances to be reused or recycled.

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## Suspension Rope S LED

### Photometric data sheet

Depending on the version Curling Suspension combines downwards-directed light with light softly dispersed all round or with light distributed all round. Thanks to a standardized replacement system, the LED circuit board can be replaced by qualified staff at the end of its service life.

			Power (measured value) <sup>1)</sup>	Color Temperature	CRI	Luminous flux (measured value) <sup>1)</sup>
<b>Curling Suspension Rope S LED</b> Clear glass shade  Light: directed downwards, distributed all around		 <p>LOR 85 %</p>	11 W	2700 K	80	950 lm
				3000 K	90	800 lm
<b>Curling Suspension Rope S LED</b> Opal glass shade  Light: directed downwards, diffuse all around		 <p>LOR 75 %</p>	11 W	2700 K	80	850 lm
				3000 K	90	700 lm
<b>Curling Suspension Rope S LED</b> Clear glass shade Reflector cylindrical opal  Light: directed downwards, diffuse all around		 <p>LOR 75 %</p>	11 W	2700 K	80	850 lm
				3000 K	90	700 lm
<b>Curling Suspension Rope S LED</b> Clear glass shade Reflector conical opal  Light: directed downwards, diffuse all around		 <p>LOR 75 %</p>	11 W	2700 K	80	850 lm
				3000 K	90	700 lm
					80	900 lm
					90	750 lm





Please note:

You can download the photometric data (EULUMDAT) from <http://serien.com/downloads/>.

All values are rated values. Power and luminous flux are subject to an initial tolerance of +/- 10%.

Tolerance of color temperature: +/-150 K. When not otherwise indicated the values apply for an ambient temperature of 25 °C.

### Article Numbers

		Output (nominal value) <sup>1</sup>	Control Technology <sup>4</sup>	CRI <sup>3</sup>	Color Temperature <sup>3</sup>	Article Number
	Curling Suspension Rope S LED Clear glass shade	11 W	TRIAC	> 90	2700 K	CU1009
					3000 K	CU1013
	Curling Suspension Rope S LED Opal glass shade	11 W	TRIAC	> 90	2700 K	CU1012
					3000 K	CU1016
	Curling Suspension Rope S LED Clear glass shade Reflector cylindrical opal	11 W	TRIAC	> 90	2700 K	CU1011
					3000 K	CU1015
	Curling Suspension Rope S LED Clear glass shade Reflector conical opal	11 W	TRIAC	> 90	2700 K	CU1010
					3000 K	CU1014

### Assessories

Cover plate Ø 11cm	white	CU1998
	polished aluminum	CU1999
Canopy profile	for two luminaires polished aluminum	CH1002
	for three luminaires polished aluminum	CH1005

### Recommended dimmers

The following list is the result of internal tests conducted in a controlled environment. However, in some cases there is a possibility that owing to technical specifications (e. g., drivers, cables, switches, etc.) a specific combination of dimmer and LEDs does not work. As such our recommendations do not represent a guarantee.

Curling Suspension Rope S LED with driver ELT (A-1201)	Distributed until March 2017	11 W	TRIAC	Merten MEG5300-0001 Feller 40200.LED.EB Jung 225 NV DE Berker 286710	
Curling Suspension Rope S LED with driver Sinchun (P-4270)	Distributed after 1st quarter of 2017	11 W	TRIAC	Busch Jäger 6513 U-102 Busch Jäger 6523 U Berker 286710 Eltako EUD61NPN-UC Feller 40200.LED.EB	Jung 225 TDE Merten MEG5300-0001 Schalk ETD U2 Schalk F03 U2E

<sup>1</sup> The nominal and measured values given refer to the illuminants employed at the time the data sheet was compiled. Subject to alterations.

<sup>2</sup> Specified by the manufacturer. serien Raumluchten GmbH assumes no liability for the accuracy of the information.

<sup>3</sup> Other versions available on request.