

CURLING

Data Sheet

Ceiling S LED



CURLING Ceiling S LED · clear



CURLING Ceiling S LED · opal



CURLING Ceiling S LED - reflector: cylindrical opal

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 and commercial spaces. Singly and in series.
As basic lighting in corridors, entrance halls, suites.
In offices, hotels, restaurants. For rooms with high and low ceilings.

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

Awards

Iconic Awards 2016: Interior Innovation – Best of Best

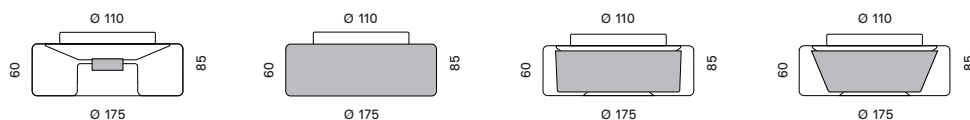


Material & surfaces



Material canopy	aluminum			
Surface canopy	polished			
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


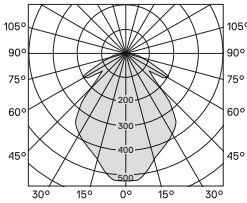

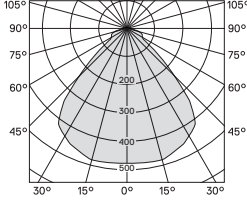

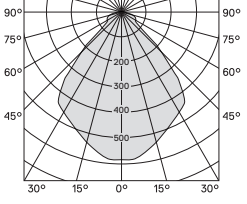

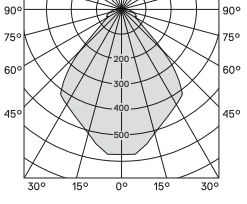
Illuminant	LED CoB (LED unit can be replaced on site)	
Power	11 W	
Luminous flux LED (nominal value) ¹ / Color temperature	2700K	950 lm
	3000K	1000 lm
Color rendering index	> 90 CRI (other color rendering indices available on request)	
Operating voltage	primary 220 – 240 V AC, secondary 36 V DC	
Control	TRIAC	
Average lifetime LED	50.000 h ²	
Energy efficiency class	A++ to A	
Guarantee	2 years	
Features	glass shade mounted tool-free; 110 V versions on request	
Weight	ca. 1.0 kg	



The crossed-out whee 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.

Photometric data sheet

Depending on the version Curling Ceiling 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) ¹	Color Temperature	CRI	Luminous flux (measured value) ¹
Curling Ceiling S LED Clear glass shade Light: directed downwards, decorative all around		 <p>LOR 85 %</p>	11 W	2700 K	80	950 lm
				3000 K	90	800 lm
				2700 K	80	1020 lm
				3000 K	90	820 lm
Curling Ceiling S LED 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
				2700 K	80	900 lm
				3000 K	90	750 lm
Curling Ceiling S LED 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
				2700 K	80	900 lm
				3000 K	90	750 lm
Curling Ceiling S LED 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
				2700 K	80	900 lm
				3000 K	90	750 lm

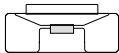



Please note:

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) ¹	Control Technology ⁴	CRI ³	Color Temperature ³	Article Number
	Curling Ceiling S LED Clear glass shade	11 W	TRIAC	> 90	2700 K	CU1001
					3000 K	CU1005
	Curling Ceiling S LED Opal glass shade	11 W	TRIAC	> 90	2700 K	CU1004
					3000 K	CU1008
	Curling Ceiling S LED Clear glass shade Reflector cylindrical opal	11 W	TRIAC	> 90	2700 K	CU1003
					3000 K	CU1007
	Curling Ceiling S LED Clear glass shade Reflector conical opal	11 W	TRIAC	> 90	2700 K	CU1002
					3000 K	CU1006

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 Ceiling 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 Ceiling 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

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

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

³ Other versions available on request.