

CURLING

Datenblatt

Ceiling L LED



CURLING Ceiling L LED - reflector: cylindrical opal



CURLING Ceiling L LED - opal



CURLING Ceiling L LED - clear



CURLING Ceiling L 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.

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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

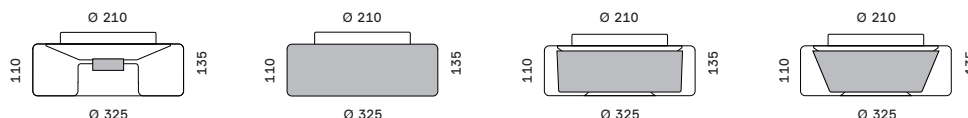


Material & surfaces



Material canopy	aluminum			
Surface canopy	polished			
Glass shade	mouth-blown clear	mundgeblasen 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


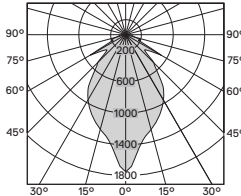

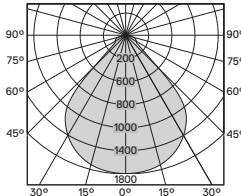

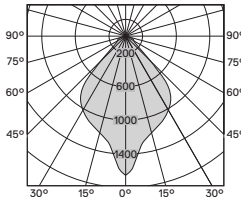

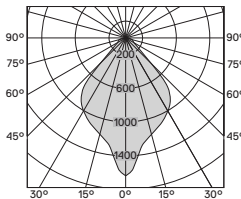
Illuminant	LED CoB (The LED circuit board can be replaced by qualified staff)			
Power (nominal value) ¹	34 W			
Luminous flux LED (nominal value) ¹ / Color temperature	2700K 3000K	2810 lm 3280 lm	2260 lm 2640 lm	2310 lm 2700lm
Color rendering index	> 90 CRI (other color rendering indices available on request)			
Operating voltage	primary 220–240 V AC, secondary 36 V DC			
Control	TRIAC / DALI / 1 – 10 V			
Average lifetime LED	50.000 h ²			
Energy efficiency class	A++ to A			
Guarantee	2 years			
Mounting	easy tool-free mounting of glass shade via bayonet catch			
Weight	ca. 3.6 kg			



The crossed-out wheellie 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)	Color Temperature	CRI	Luminous flux (measured value) ¹
Curling Ceiling L LED Clear glass shade			33,2 W	2700 K	80	3380 lm
Light: directed downwards, distributed all round					90	2810 lm
				3000 K	80	3970 lm
90	3280 lm					
Curling Ceiling L LED Opal glass shade			33,2 W	2700 K	80	2720 lm
Light: directed downwards, all round softly dispersed					90	2260 lm
				3000 K	80	3190 lm
90	2640 lm					
Curling Ceiling L LED Clear glass shade Reflector cylindrical opal			33,2 W	2700 K	80	2780 lm
Light: directed downwards, all round softly dispersed					90	2310 lm
				3000 K	80	3270 lm
90	2700 lm					
Curling Ceiling L LED Clear glass shade Reflector conical opal			33,2 W	2700 K	80	2670 lm
Light: directed downwards, all round softly dispersed					90	2220 lm
				3000 K	80	3130 lm
90	2590 lm					


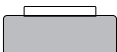


Please note:

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 L LED Clear glass shade	34 W	TRIAC	> 90	2700 K	CU1317
					3000 K	CU1321
			DALI	> 90	2700 K	CU1301
					3000 K	CU1305
			1 – 10 V	> 90	2700 K	CU1309
					3000 K	CU1313
	Curling Ceiling L LED Opal glass shade	34 W	TRIAC	> 90	2700 K	CU1320
					3000 K	CU1324
			DALI	> 90	2700 K	CU1304
					3000 K	CU1308
			1 – 10 V	> 90	2700 K	CU1312
					3000 K	CU1316
	Curling Ceiling S LED Clear glass shade Reflector cylindrical opal	34 W	TRIAC	> 90	2700 K	CU1319
					3000 K	CU1323
			DALI	> 90	2700 K	CU1303
					3000 K	CU1307
			1 – 10 V	> 90	2700 K	CU1311
					3000 K	CU1315
	Curling Ceiling S LED Clear glass shade Reflector conical opal	34 W	TRIAC	> 90	2700 K	CU1318
					3000 K	CU1322
			DALI	> 90	2700 K	CU1302
					3000 K	CU1306
			1 – 10 V	> 90	2700 K	CU1310
					3000 K	CU1314

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 L LED	34 W	TRIAC	BERKER 286710 BUSCH JÄGER 6513 U-102 Feller 40600.RL. (all variations) JUNG 225 TDE MERTEN MEG5139
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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 Raumleuchten GmbH assumes no liability for the accuracy of the information.

³ Other versions available on request.

⁴ Control via DALI or 1-10V requires 5-wire mains cable.