CURLING
Data Sheet

Wall

INNOVATIONSPREIS ARCHITEKTUR + TECHNIK 2020 AUSZEICHNUNG

GERMAN DESIGN AWARD SPECIAL 2021

CURLING Wall M · glass shade clear

CURLING Wall M · glass shade acrylic clear

CURLING Wall M · glass shade new silver

CURLING Wall extends the product family to include a wall-mounted luminaire that delivers atmospheric all-round light and thus functions as a striking light sculpture. A special diffusor creates decoratively playful light thanks to the hand-blown glass and hand-polished metal surfaces, and also ensures the luminaire is glare-free.

Examples of applications: Different materials and intelligent design details make CURLING a universally applicable lighting solution for a wide range of applications. The acrylic glass version can be optimally used in schools, kindergartens, stairwells and other paths in semi-public and public spaces.

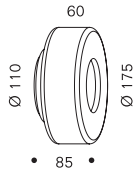
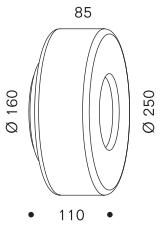
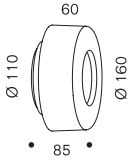
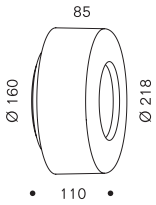
Desing Jean-Marc da Costa and Manfred Wolf

CURLING

Wall

Material

Surfaces	 glass shade clear	 glass shade new silver	 acrylic glass shade clear
Housing	Aluminum mirror polished		
Shade	Mouth blown glass or acrylic glass		
Reflector	Polycarbonate opal		

Variations	S glass	M glass	S acrylic glass	M acrylic glass
Dimensions in mm				
Weight	1,5 kg	2,7 kg	1,3 kg	2,4 kg

LED	Light color	Color rendering Index CRI	Color consistency	Luminous flux	Energy efficiency class
	2700 K	>97	2 Step	111 lm/W	E
	3000 K	>97	2 Step	116 lm/W	E
	S Dim2Warm	>95	3 Step	up to 97 lm/W	F
	M Dim2Warm	>95	3 Step	up to 101 lm/W	F

Other versions (CCT/CRI) available on request.
LED light source replaceable by professionals
Average life 50,000 h (specification according to manufacturer).

Control gear	Control	Connected load	Operating voltage	Constant current / voltage	Feature
	S TRIAC	11 W	230 V AC / 50 Hz	300 mA / 35 V	dimmable
	S DALI	11 W	230 V AC / 50 Hz	300 mA / 35 V	dimmable, Touch DIM
	M TRIAC	20 W	230 V AC / 50 Hz	500 mA / 35 V	dimmable
	M DALI	20 W	230 V AC / 50 Hz	500 mA / 35 V	dimmable, Touch DIM

Control gear replaceable by professionals
The luminaire may be operated at a maximum of the constant current specified above.

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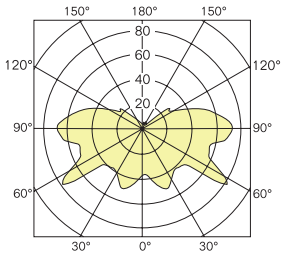
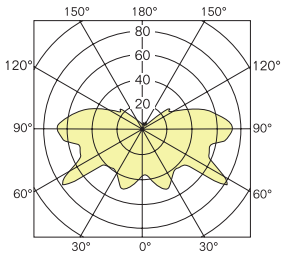
Wall S

Photometric data sheet			Power	CRI	CCT	Luminous flux (measured value)
CURLING Wall S glass shade clear Light: diffuse to the front, distributed all around			11 W	Ra>97 R9>80	2700 K 3000 K	550 lm 580 lm
CURLING Wall S glass shade new silver Light: diffuse to the front, distributed all around			11 W	Ra>97 R9>80	2700 K 3000 K	390 lm 410 lm
CURLING Wall S acrylic glass shade clear Light: diffuse to the front, distributed all around			11 W	Ra>97 R9>80	2700 K 3000 K	550 lm 580 lm

Note: The photometric data (EULUMDAT) can be downloaded from https://serien.com/downloads/

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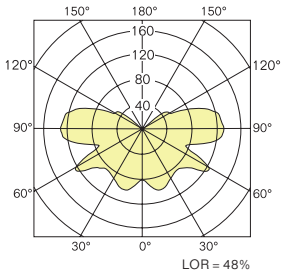
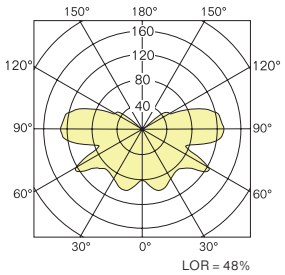
Wall M

Photometric data sheet			Power	CRI	CCT	Luminous flux (measured value)
CURLING Wall M glass shade clear Light: diffuse to the front, distributed all around		 LOR = 48%	20 W	Ra>97 R9>80	2700 K 3000 K	1010 lm 1050 lm
CURLING Wall M glass shade new silver Light: diffuse to the front, distributed all around		LOR = 33%	20 W	Ra>97 R9>80	2700 K 3000 K	700 lm 730 lm
CURLING Wall M acrylic glass shade clear Light: diffuse to the front, distributed all around		 LOR = 48%	20 W	Ra>97 R9>80	2700 K 3000 K	1010 lm 1050 lm

Note: The photometric data (EULUMDAT) can be downloaded from https://serien.com/downloads/

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CURLING Wall S

figure	description	lamp	control	power	CCT	art.-no.
	lighting unit S	LED	TRIAC	11 W	2700 K	LE015701
					3000 K	LE015702
					1800–3000 K D2W	LE015703
			DALI	11 W	2700 K	LE015730
					3000 K	LE015731
					1800–3000 K D2W	LE015732
	glass S clear					CU011212
	glass S new silver					CU011218
	acrylic S glass clear					CU011220

CURLING Wall M

figure	description	lamp	control	power	CCT	art.-no.
	lighting unit M	LED	TRIAC	20 W	2700 K	LE015710
					3000 K	LE015711
					1800–3000 K D2W	LE015712
			DALI	20 W	2700 K	LE015713
					3000 K	LE015714
					1800–3000 K D2W	LE015715
	glass M clear					CU011209
	glass M new silver					CU011219
	acrylic glass M clear					CU011223

CURLING is a modular article. Please order the lighting unit and glass shade together.

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Wall

Information

+ C	+C indicates products with pre-programmed CASAMBI module integrated in the luminaire. The CASAMBI functionality is basically applicable to all our products. For the different possibilities of integration (depending on the temperature)–in the luminaire, in the suspended ceiling, in the switch or the distribution box) we will be pleased to inform you. CASAMBI is a lighting control system which is operated via Bluetooth and can be integrated completely into the luminaire or behind the light switch. It is controlled via mobile devices using the free CASAMBI app, making its operation simple and intuitive. CASAMBI expands the possibilities of control with new options such as dimming, the programming of specific scenarios or groups, automations and many more. For further information, please visit www.casambi.com.
CCT	CCT (Correlated Color Temperature) is the colour temperature of an LED and is specified in Kelvin (K). We supply LED lights with a colour temperature of 2700 K at short notice. LED lights with a color temperature of 3000 K and higher usually have longer delivery times.
CRI	Colour Rendering Index
D2W	Dim2Warm refers to a luminaire functionality that imitates the pleasant dimming behavior of classic incandescent lamps. When dimmed, the light not only becomes darker, but also changes its colour to warm white tone.
DALI 1-10 V	5-core mains cable required for control via DALI or 1–10 V. All LED luminaires operated with DALI power supply units are suitable for use in emergency lighting systems.
Lumen	The luminous flux (lumen) specifications are nominal values, i.e. pure module luminous flux values. The luminous flux indicates how much light radiates in all directions.
TW	Luminaires with this characteristic have variable colour temperature control from warm to cool white light.
UGR	Unified Glare Rating
IP	Protection class
LOR	The luminaire operating efficiency is given as a LOR value (Light Output Ratio) in percent.
	The crossed-out wheelie 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.
	**At www.serien.com/downloads** you will find helpful information and the latest technical data: Data sheets, catalogues, price lists, lighting data (EULUMDAT), 3D CAD data, EU Energy labels, declarations of conformity, returns form, FAQs, assembly instructions, drilling templates and other service instructions.
✓	This data sheet supersedes all previously published data sheet. The drawings shown in this document are for informational purposes only. Although great care has been taken when creating them, their proportions may not correctly reflect the proportions of the real product.
	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. The specified nominal and measured values refer to the illuminants used at the time the data sheet was prepared. Omissions excepted.

Imprint

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