

CURLING

Data Sheet

Suspension Tube



CURLING Suspension Tube M • reflector conical



CURLING Suspension Tube M • opal



CURLING Suspension Tube M • reflector cylindrical

Clear shapes, numerous variants, different materials and intelligent design details make CURLING a universally applicable lighting solution for a wide range of application. The different versions and the interaction of a clear outer body with different opal internal reflectors make it possible to create the perfect lighting mood for every room situation.

Examples of applications: From the individual luminaire in private rooms to the row in corridors, entrance areas and suites, CURLING stands for sustainable, maintenance-free technology and brilliant light.

Design Jean-Marc da Costa and Manfred Wolf

CURLING

Suspension Tube

Material

Surfaces



Glass shade clear



Glass shade clear
Reflector conical



Glass shade clear
Reflector cylindrical



Glass shade opal



Glass shade new silver



Acrylic glass shade clear



Acrylic glass shade clear
Reflector conical



Acrylic glass shade clear
Reflector cylindrical

Housing

Aluminum mirror polished

Shade

Mouth blown glass or acrylic glass

Reflector

Polycarbonate opal

Variations

Dimensions in mm

S glass



M glass



L glass



Weight

1,9 kg

3,2 kg

5,1 kg

S acrylic glass



M acrylic glass



Dimensions in mm

Weight

1,7 kg

2,9 kg

LED	Light color	Color rendering Index CRI	Color consistency	Luminous flux	Energy efficiency class
	2700K	>97	2 Step	111 lm/W	E
	3000K	>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	dimnable
	S DALI	11 W	230 V AC / 50 Hz	300 mA / 35 V	dimnable, Touch DIM
	M TRIAC	27 W	230 V AC / 50 Hz	700 mA / 35 V	dimnable
	M DALI	27 W	230 V AC / 50 Hz	700 mA / 35 V	dimnable, Touch DIM
	L TRIAC	34 W	230 V AC / 50 Hz	900 mA / 35 V	dimnable
	L DALI	34 W	230 V AC / 50 Hz	900 mA / 35 V	dimnable, Touch DIM

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

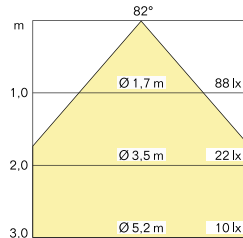
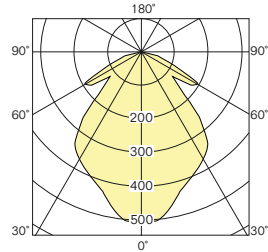


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Suspension Tube S

Photometric data sheet

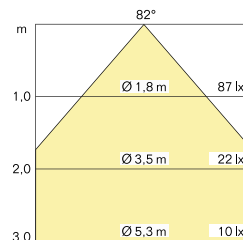
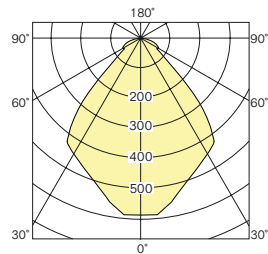
CURLING Suspension Tube S glass shade clear



Power	CRI	CCT	Luminous flux (measured value)
11 W	Ra>97 R9>80	2700 K	950 lm
		3000 K	1000 lm

Light: directed downwards, distributed all around

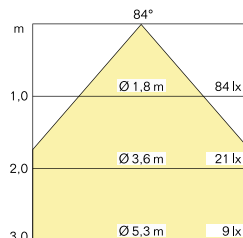
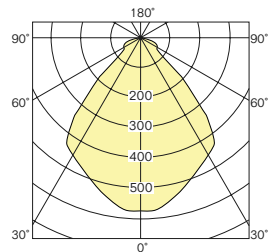
CURLING Suspension Tube S glass shade clear, reflector conical



Power	CRI	CCT	Luminous flux (measured value)
11 W	Ra>97 R9>80	2700 K	830 lm
		3000 K	880 lm

Light: directed downwards, diffuse all around

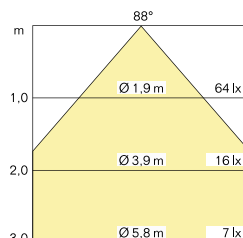
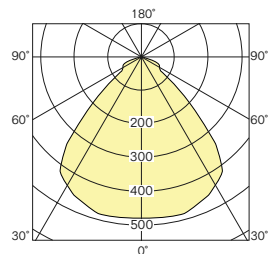
CURLING Suspension Tube S glass shade clear, reflector cylindrical



Power	CRI	CCT	Luminous flux (measured value)
11 W	Ra>97 R9>80	2700 K	830 lm
		3000 K	880 lm

Light: directed downwards, diffuse all around

CURLING Suspension Tube S glass shade opal



Power	CRI	CCT	Luminous flux (measured value)
11 W	Ra>97 R9>80	2700 K	830 lm
		3000 K	880 lm

Light: directed downwards, diffuse all around

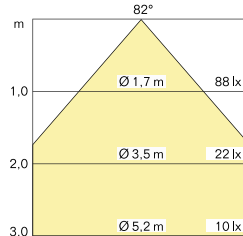
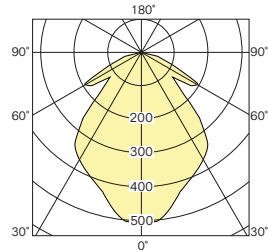
⬇️ Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

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Suspension Tube S

Photometric data sheet

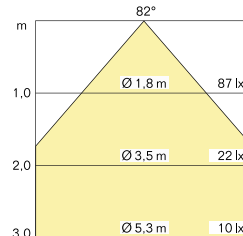
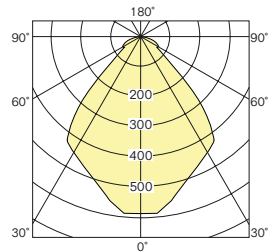
CURLING Suspension Tube S acrylic glass shade clear



Light: directed downwards,
distributed all around

Power	CRI	CCT	Luminous flux (measured value)
11 W	Ra>97 R9>80	2700 K	950 lm
		3000 K	1000 lm

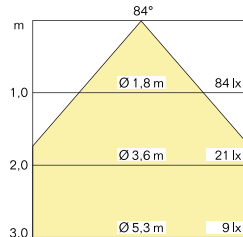
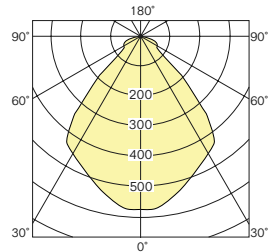
CURLING Suspension Tube S acrylic glass shade clear, reflector conical



Light: directed downwards,
diffuse all around

11 W	Ra>97 R9>80	2700 K	830 lm
		3000 K	880 lm

CURLING Suspension Tube S acrylic glass shade clear, reflector cylindrical



Light: directed downwards,
diffuse all around


11 W	Ra>97 R9>80	2700 K	830 lm
		3000 K	880 lm

CURLING Suspension Tube S glass shade new silver



Light: directed downwards,
distributed all around

11 W	Ra>97 R9>80	2700 K	780 lm
		3000 K	810 lm

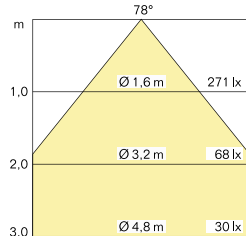
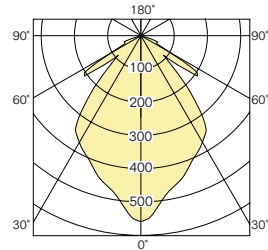
 Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

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Suspension Tube M

Photometric data sheet

CURLING Suspension Tube M glass shade clear



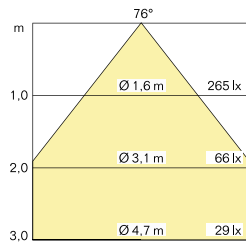
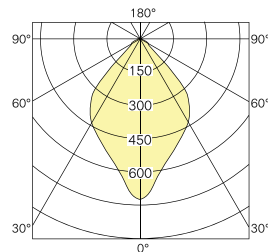
Light: directed downwards,
distributed all around

LOR = 72%

UGR ≤ 21.6

Power	CRI	CCT	Luminous flux (measured value)
27 W	Ra>97 R9>80	2700 K	1890 lm
		3000 K	1980 lm

CURLING Suspension Tube M glass shade clear, reflector conical



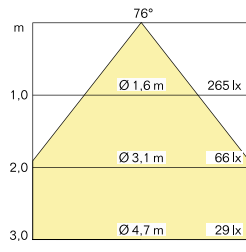
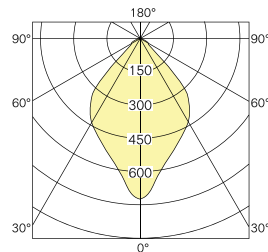
Light: directed downwards,
diffuse all around

LOR = 53%

UGR ≤ 17.6

27 W	Ra>97 R9>80	2700 K	1380 lm
		3000 K	1450 lm

CURLING Suspension Tube M glass shade clear, reflector cylindrical



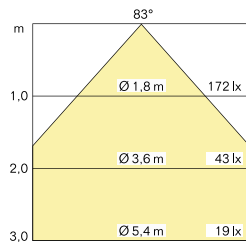
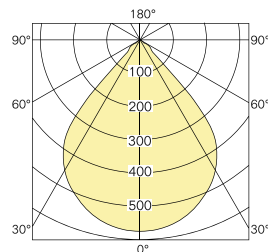
Light: directed downwards,
diffuse all around

LOR = 53%

UGR ≤ 17.6

27 W	Ra>97 R9>80	2700 K	1380 lm
		3000 K	1450 lm

CURLING Suspension Tube M glass shade opal



Light: directed downwards,
diffuse all around

LOR = 53%

27 W	Ra>97 R9>80	2700 K	1380 lm
		3000 K	1450 lm



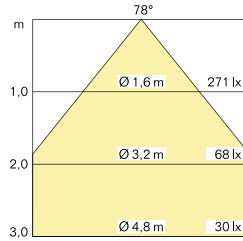
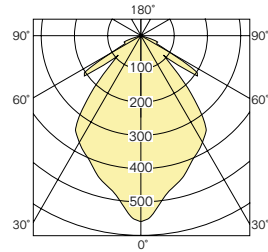
Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

CURLING

Suspension Tube M

Photometric data sheet

CURLING Suspension Tube M acrylic glass shade clear

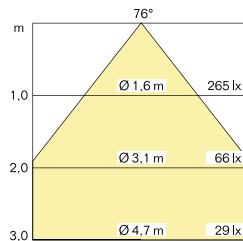
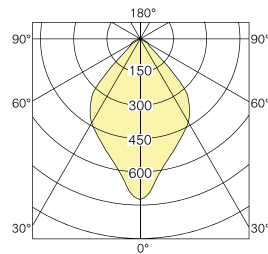


UGR ≤ 21.6

Light: directed downwards,
distributed all around

Power	CRI	CCT	Luminous flux (measured value)
27 W	Ra>97 R9>80	2700 K	1890 lm
		3000 K	1980 lm

CURLING Suspension Tube M acrylic glass shade clear, reflector conical

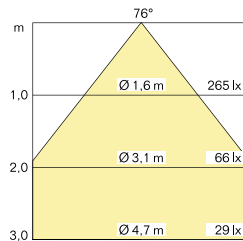
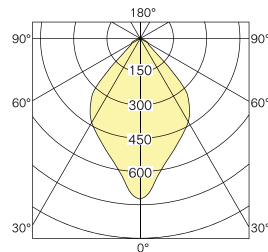


UGR ≤ 17.6

Light: directed downwards,
diffuse all around

27 W	Ra>97 R9>80	2700 K	1380 lm
		3000 K	1450 lm

CURLING Suspension Tube M acrylic glass shade clear, reflector cylindrical



UGR ≤ 17.6

Light: directed downwards,
diffuse all around


27 W	Ra>97 R9>80	2700 K	1380 lm
		3000 K	1450 lm

CURLING Suspension Tube M glass shade new silver



Light: directed downwards,
distributed all around

27 W	Ra>97 R9>80	2700 K	2010 lm
		3000 K	2110 lm

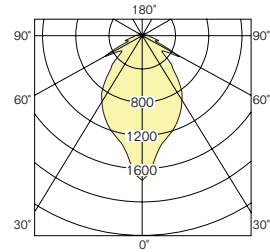
 Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

CURLING

Suspension Tube L

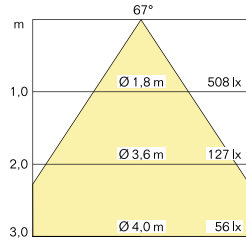
Photometric data sheet

CURLING Suspension Tube L glass shade clear



Light: directed downwards,
distributed all around

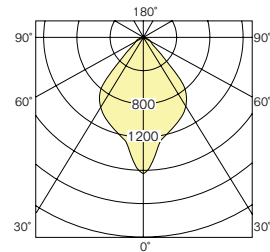
LOR = 76%



UGR ≤ 32.6

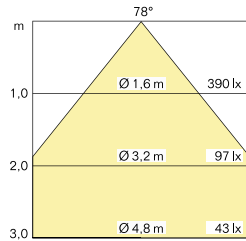
Power	CRI	CCT	Luminous flux (measured value)
34 W	Ra>97 R9>80	2700 K	2810 lm
		3000 K	2910 lm

CURLING Suspension Tube L glass shade clear, reflector conical



Light: directed downwards,
diffuse all around

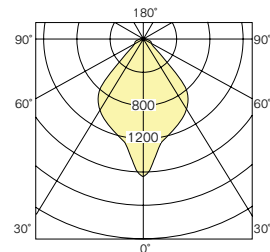
LOR = 63%



UGR ≤ 16.6

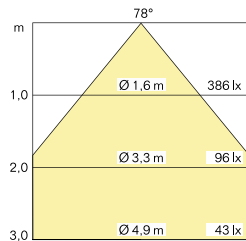
34 W	Ra>97 R9>80	2700 K	2310 lm
		3000 K	2400 lm

CURLING Suspension Tube L glass shade clear, reflector cylindrical




Light: directed downwards,
diffuse all around

LOR = 63%












UGR ≤ 17








34 W	Ra>97 R9>80	2700 K	2310 lm
		3000 K	2400 lm

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





CURLING Suspension S

figure	description	lamp	control	power	CCT	art.-no.			
	tube lighting unit S	LED	TRIAC	11 W	2700 K	LE015707			
					3000 K	LE015708			
					1800–3000 K D2W	LE015709			
						DALI	11 W	2700 K	LE015740
								3000 K	LE015741
								1800–3000 K D2W	LE015742
	glass S clear					CU014406			
	glass S clear, reflector conical					CU014407			
	glass S clear, reflector cylindrical					CU014408			
	glass S opal					CU014405			
	glass S new silver					CU011201			
	acrylic S glass clear					CU011203			
	acrylic S glass clear, reflector conical					CU011204			
	acrylic S glass clear, reflector cylindrical					CU011205			

CURLING Suspension M



figure	description	lamp	control	power	CCT	art.-no.			
	tube lighting unit M	LED	TRIAC	27 W	2700 K	LE015722			
					3000 K	LE015723			
					1800–3000 K D2W	LE015724			
						DALI	27 W	2700 K	LE015725
								3000 K	LE015726
								1800–3000 K D2W	LE015727
	glass M clear					CU014402			
	glass M clear, reflector conical					CU014403			
	glass M clear, reflector cylindrical					CU014404			
	glass M opal					CU014401			
	glass M new silver					CU011202			
	acrylic M glass clear					CU011206			
	acrylic M glass clear, reflector conical					CU011207			
	acrylic M glass clear, reflector cylindrical					CU011208			

CURLING Suspension L

figure	description	lamp	control	power	CCT	art.-no.
	tube lighting unit L	LED	TRIAC	34 W	2700 K	LE014492
					3000 K	LE014495
			DALI	34 W	2700 K	LE014490
					3000 K	LE014493
	glass L clear,					CU014475
	glass L clear, reflector conical					CU014476
	glass L clear, reflector cylindrical					CU014477

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

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 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.
	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.

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