

CURLING

Data Sheet

Suspension Rope



CURLING Suspension Rope M • glass reflector conical



CURLING Suspension Rope M • glass opal



CURLING Suspension Rope M • glass 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.

Desing Jean-Marc da Costa and Manfred Wolf

CURLING

Suspension Rope

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

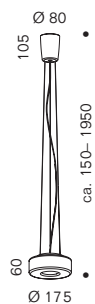
Reflector

Polycarbonate opal

Variations

Dimensions in mm

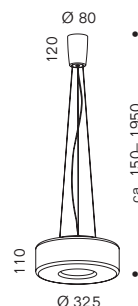
S glass



M glass



L glass



Weight

1,7 kg

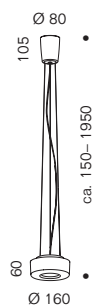
3,0 kg

4,8 kg

S acrylic glass

M acrylic glass

Dimensions in mm



Weight

1,5 kg

2,7 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 |


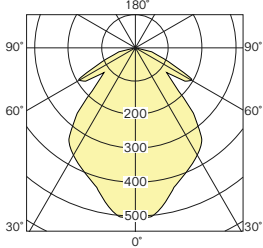
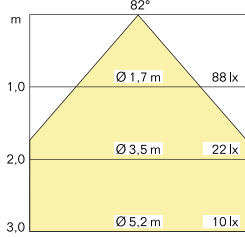

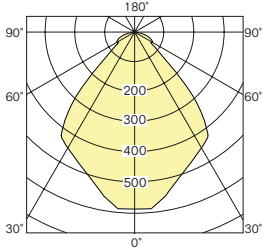
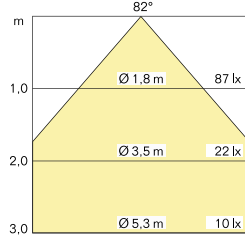

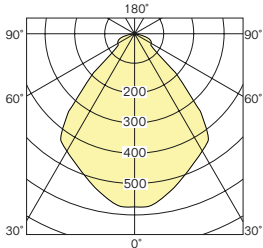
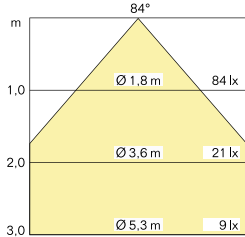

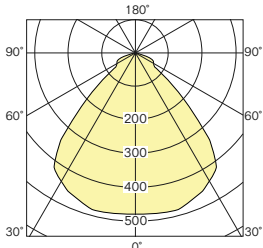
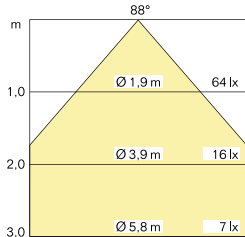
Control gear replaceable by professionals
 The luminaire may be operated at a maximum of the constant current specified above.



CURLING

Suspension Rope S

Photometric data sheet

| | | | Power | CRI | CCT | Luminous flux (measured value) |
|---|---|--|-------|----------------|--------|-----------------------------------|
| CURLING Suspension Rope S glass shade clear | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 2700 K | 950 lm |
| Light: directed downwards, distributed all around | | | | | 3000 K | 1000 lm |
| CURLING Suspension Rope S glass shade clear, reflector conical | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 2700 K | 830 lm |
| Light: directed downwards, diffuse all around | | | | | 3000 K | 880 lm |
| CURLING Suspension Rope S glass shade clear, reflector cylindrical | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 2700 K | 830 lm |
| Light: directed downwards, diffuse all around | | | | | 3000 K | 880 lm |
| CURLING Suspension Rope S glass shade opal | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 2700 K | 830 lm |
| Light: directed downwards, diffuse all around | | | | | 3000 K | 880 lm |


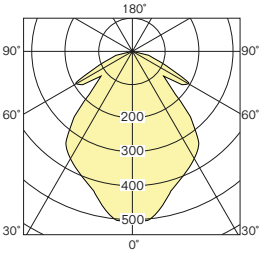
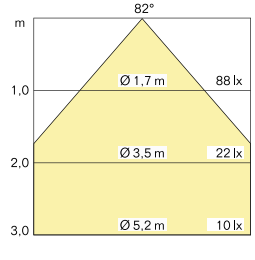

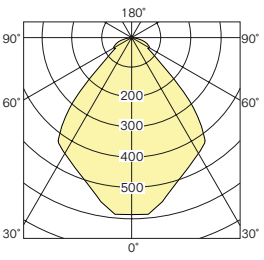
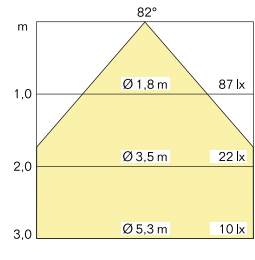

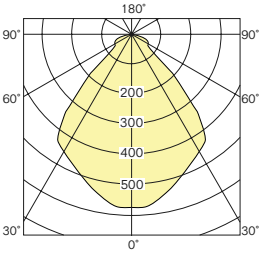
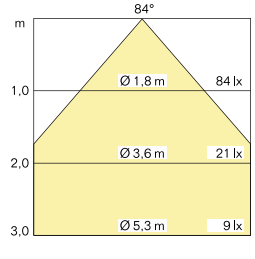




Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

CURLING

Suspension Rope S

Photometric data sheet

| | | | Power | CRI | CCT | Luminous flux (measured value) |
|---|---|--|-------|----------------|--------|-----------------------------------|
| CURLING Suspension Rope S acrylic glass shade clear | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 2700 K | 950 lm |
| Light: directed downwards, distributed all around | | | | | 3000 K | 1000 lm |
| CURLING Suspension Rope S acrylic glass shade clear, reflector conical | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 2700 K | 830 lm |
| Light: directed downwards, diffuse all around | | | | | 3000 K | 880 lm |
| CURLING Suspension Rope S acrylic glass shade clear, reflector cylindrical | | | | | | |
|  |  |  | 11 W | Ra>97 R9>80 | 270 K | 830 lm |
| Light: directed downwards, diffuse all around | | | | | 3000 K | 880 lm |
| CURLING Suspension Rope S glass shade new silver | | | | | | |
|  | | | 11 W | Ra>97 R9>80 | 2700 K | 780 lm |
| Light: directed downwards, distributed all around | | | | | 3000 K | 810 lm |

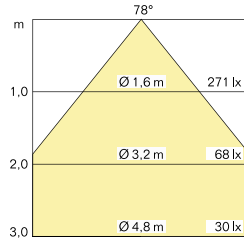
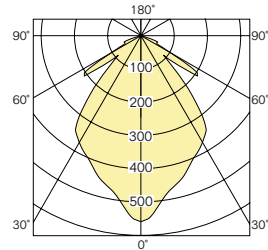
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CURLING

Suspension Rope M

Photometric data sheet

CURLING Suspension Rope M glass shade clear

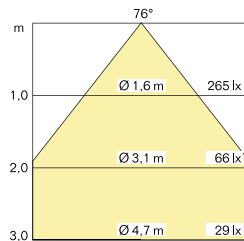
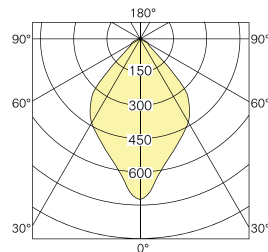


UGR ≤ 21.6

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 Rope M glass shade clear, reflector conical

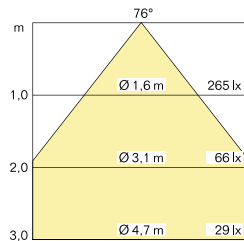
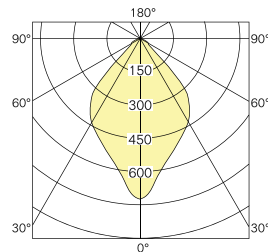


UGR ≤ 17.6

Light: directed downwards,
diffuse all around

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

CURLING Suspension Rope M glass shade clear, reflector cylindrical

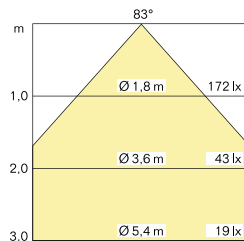
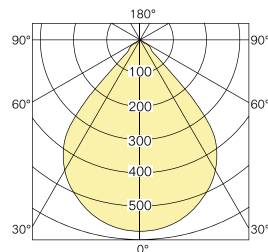


UGR ≤ 17.6

Light: directed downwards,
diffuse all around

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

CURLING Suspension Rope M glass shade opal



Light: directed downwards,
diffuse all around

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



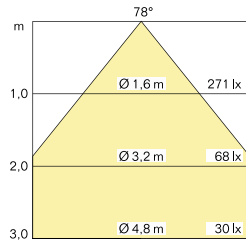
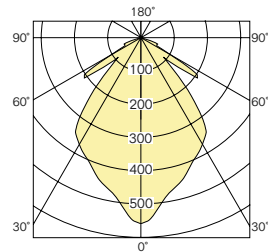
Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

CURLING

Suspension Rope M

Photometric data sheet

CURLING Suspension Rope M acrylic glass shade clear

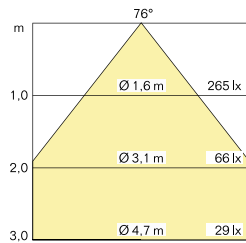
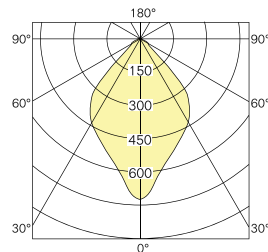


UGR ≤ 21.6

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 Rope M acrylic glass shade clear, reflector conical

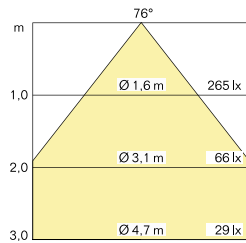
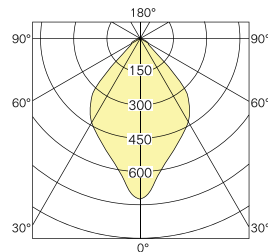


UGR ≤ 17.6

Light: directed downwards,
diffuse all around

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

CURLING Suspension Rope 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 Rope 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 |

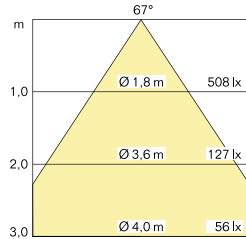
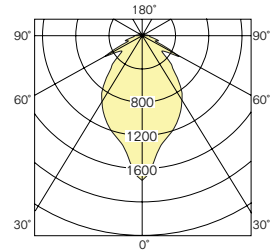
⬇️ Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

CURLING

Suspension Rope L

Photometric data sheet

CURLING Suspension Rope L glass shade clear

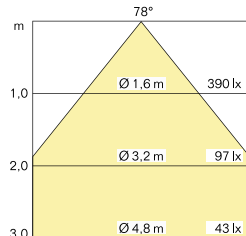
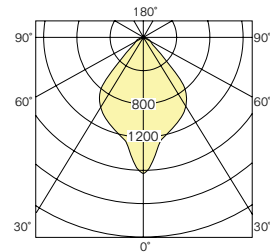


UGR ≤ 32.6

Light: directed downwards,
distributed all around

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

CURLING Suspension Rope L glass shade clear, reflector conical

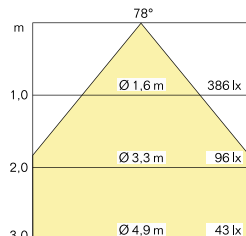
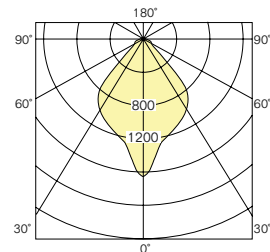


UGR ≤ 16.6

Light: directed downwards,
diffuse all around

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


CURLING Suspension Rope L glass shade clear, reflector cylindrical



UGR ≤ 17

Light: directed downwards,
diffuse all around


| | | | |
|------|----------------|--------|---------|
| 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. |
|---|--|------|---------|-------|----------------|----------|
|  | rope lighting unit S | LED | TRIAC | 11 W | 2700 K | LE015704 |
| | | | | | 3000 K | LE015705 |
| | | | | | 1800–3000K D2W | LE015706 |
| | | | DALI | 11 W | 2700 K | LE015735 |
| | | | | | 3000 K | LE015736 |
| | | | | | 1800–3000K D2W | LE015737 |
|  | 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 glass S clear | | | | | CU011203 |
|  | acrylic glass S clear, reflector conical | | | | | CU011204 |
|  | acrylic glass S clear, reflector cylindrical | | | | | CU011205 |

CURLING Suspension M



| figure | description | lamp | control | power | CCT | art.-no. |
|---|--|------|---------|-------|----------------|----------|
|  | rope lighting unit M | LED | TRIAC | 27 W | 2700 K | LE015716 |
| | | | | | 3000 K | LE015717 |
| | | | | | 1800–3000K D2W | LE015718 |
| | | | DALI | 27 W | 2700 K | LE015719 |
| | | | | | 3000 K | LE015720 |
| | | | | | 1800–3000K D2W | LE015721 |
|  | 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 glass M clear | | | | | CU011206 |
|  | acrylic glass M clear, reflector conical | | | | | CU011207 |
|  | acrylic glass M clear, reflector cylindrical | | | | | CU011208 |

CURLING Suspension L

| figure | description | lamp | control | power | CCT | art.-no. |
|---|--------------------------------------|------|---------|-------|--------|----------|
|  | rope lighting unit L | LED | TRIC | 34 W | 2700 K | LE014486 |
| | | | | | 3000 K | LE014489 |
| | | | DALI | 34 W | 2700 K | LE014484 |
| | | | | | 3000 K | LE014487 |
|  | 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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