

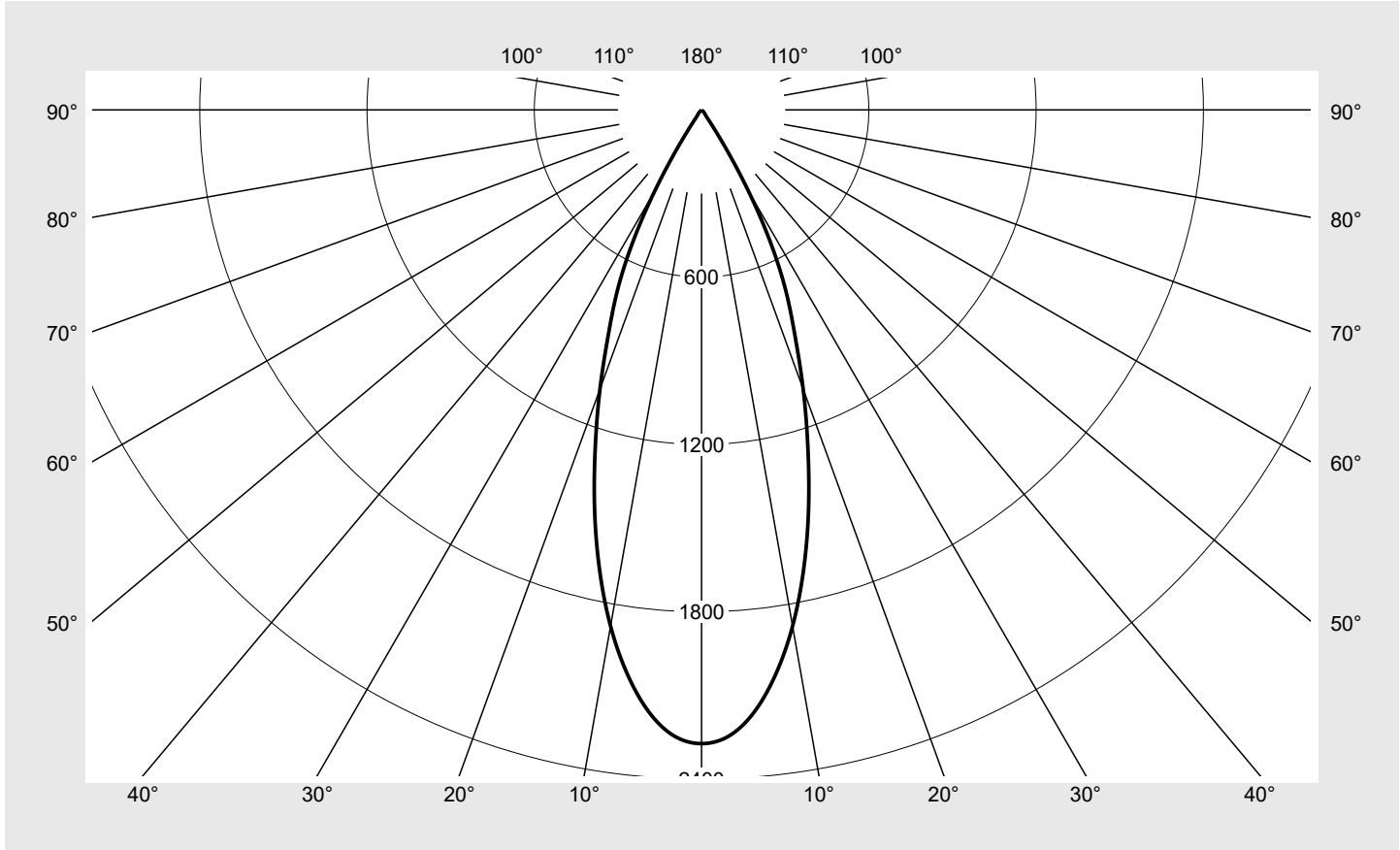


Photometric test report

| | | |
|---|---|---|
| Family Spot 21 Licross® | Order number: 51SL63DB11A2C EAN: 4069025502643 | LP number 59936_37 |
|  | Version housing, white aluminium, reflector, cover glass, transparent, medium distribution | serial documentation 21.05.2026 |
| | Lamps LED 2700 K CRI ≥ 90 | |
| Controlgear ECG-DALI-Multilumen | | |
| Setting factory setting: DIP-Step=7 | | |
| Rated values | Net luminous flux = 2670 lm Power consumption = 19.8 W Luminous efficacy = 134.8 lm/W | |
| | |  |

Luminous intensity in cd/klm C180-0 **Imax: 2273 cd/klm**



| Classifications | |
|-----------------|-------------------------------------|
| DIN 5040 | A 8 0 |
| CIE | N1=98 N2=99 N3=100 N4=100 N5=100 |

| Luminaire light output ratios | |
|-------------------------------|--------|
| η_{LB} | 100.0% |
| ϕ_u | 100.0% |
| ϕ_o | 0.0% |

Measurement conditions
 DIN EN 13032 and DIN 5032

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| | |
|---|-----------------------------------|
| Table of values for luminous intensities | Maximum luminous intensity |
|---|-----------------------------------|

| C-planes | 0° | Phi-zone | Total Phi-zone |
|----------|------------------------------|-------------------------|----------------|
| γ | Luminous intensity in cd/klm | Luminous flux in lm/klm | |
| 0,0° | 2272.8 | 3.4 | 3.4 |
| 2,5° | 2247.7 | 26.9 | 30.3 |
| 5,0° | 2167.7 | 51.8 | 82.1 |
| 7,5° | 2040.8 | 73.0 | 155.1 |
| 10,0° | 1880.0 | 89.5 | 244.6 |
| 12,5° | 1690.1 | 100.3 | 344.9 |
| 15,0° | 1482.7 | 105.2 | 450.1 |
| 17,5° | 1267.9 | 104.5 | 554.6 |
| 20,0° | 1065.6 | 99.9 | 654.5 |
| 22,5° | 874.9 | 91.8 | 746.3 |
| 25,0° | 714.3 | 82.8 | 829.0 |
| 27,5° | 533.8 | 67.6 | 896.6 |
| 30,0° | 335.3 | 46.0 | 942.6 |
| 32,5° | 151.5 | 22.3 | 964.9 |
| 35,0° | 44.0 | 6.9 | 971.8 |
| 37,5° | 23.3 | 3.9 | 975.7 |
| 40,0° | 17.4 | 3.1 | 978.7 |
| 42,5° | 13.8 | 2.6 | 981.3 |
| 45,0° | 11.3 | 2.2 | 983.5 |
| 47,5° | 9.4 | 1.9 | 985.4 |
| 50,0° | 8.2 | 1.7 | 987.1 |
| 52,5° | 7.3 | 1.6 | 988.7 |
| 55,0° | 6.6 | 1.5 | 990.2 |
| 57,5° | 6.0 | 1.4 | 991.6 |
| 60,0° | 5.5 | 1.3 | 992.9 |
| 62,5° | 5.0 | 1.2 | 994.1 |
| 65,0° | 4.6 | 1.1 | 995.3 |
| 67,5° | 4.1 | 1.0 | 996.3 |
| 70,0° | 3.6 | 0.9 | 997.2 |
| 72,5° | 3.0 | 0.8 | 998.0 |
| 75,0° | 2.3 | 0.6 | 998.6 |
| 77,5° | 1.8 | 0.5 | 999.1 |
| 80,0° | 1.4 | 0.4 | 999.5 |
| 82,5° | 1.0 | 0.3 | 999.8 |
| 85,0° | 0.6 | 0.2 | 999.9 |
| 87,5° | 0.2 | 0.1 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 1000.0 |

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| UGR-Table | | Standard room | | | | | | | | | |
|------------------------------|-----|---------------------|------|------|------|------|--------------------|------|------|------|------|
| Reflection factor of ceiling | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | |
| Reflection factor of walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | |
| Reflection factor of floor | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Room dimensions | | View crosswise (C0) | | | | | View endwise (C90) | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 13.5 | 14.6 | 13.9 | 14.9 | 15.2 | 13.5 | 14.6 | 13.9 | 14.9 | 15.2 |
| | 3H | 13.8 | 14.7 | 14.2 | 15.0 | 15.4 | 13.8 | 14.7 | 14.2 | 15.0 | 15.4 |
| | 4H | 13.9 | 14.7 | 14.3 | 15.1 | 15.5 | 13.9 | 14.7 | 14.3 | 15.1 | 15.5 |
| | 6H | 14.0 | 14.7 | 14.4 | 15.1 | 15.5 | 14.0 | 14.7 | 14.4 | 15.1 | 15.5 |
| | 8H | 14.2 | 14.7 | 14.6 | 15.1 | 15.5 | 14.2 | 14.7 | 14.6 | 15.1 | 15.5 |
| | 12H | 14.2 | 14.6 | 14.6 | 15.0 | 15.5 | 14.2 | 14.6 | 14.6 | 15.0 | 15.5 |
| 4H | 2H | 13.5 | 14.3 | 13.9 | 14.6 | 15.0 | 13.5 | 14.3 | 13.9 | 14.6 | 15.0 |
| | 3H | 13.9 | 14.5 | 14.3 | 14.9 | 15.3 | 13.9 | 14.5 | 14.3 | 14.9 | 15.3 |
| | 4H | 14.0 | 14.6 | 14.5 | 15.0 | 15.5 | 14.0 | 14.6 | 14.5 | 15.0 | 15.5 |
| | 6H | 14.2 | 14.7 | 14.6 | 15.1 | 15.6 | 14.2 | 14.7 | 14.6 | 15.1 | 15.6 |
| | 8H | 14.3 | 14.7 | 14.7 | 15.1 | 15.6 | 14.3 | 14.7 | 14.7 | 15.1 | 15.6 |
| | 12H | 14.3 | 14.6 | 14.8 | 15.1 | 15.6 | 14.3 | 14.6 | 14.8 | 15.1 | 15.6 |
| 8H | 4H | 14.1 | 14.5 | 14.5 | 14.9 | 15.4 | 14.1 | 14.5 | 14.5 | 14.9 | 15.4 |
| | 6H | 14.3 | 14.6 | 14.8 | 15.1 | 15.6 | 14.3 | 14.6 | 14.8 | 15.1 | 15.6 |
| | 8H | 14.3 | 14.6 | 14.8 | 15.1 | 15.7 | 14.3 | 14.6 | 14.8 | 15.1 | 15.7 |
| | 12H | 14.4 | 14.6 | 14.9 | 15.1 | 15.7 | 14.4 | 14.6 | 14.9 | 15.1 | 15.7 |
| 12H | 4H | 14.1 | 14.4 | 14.6 | 14.9 | 15.4 | 14.1 | 14.4 | 14.6 | 14.9 | 15.4 |
| | 6H | 14.3 | 14.5 | 14.8 | 15.0 | 15.6 | 14.3 | 14.5 | 14.8 | 15.0 | 15.6 |
| | 8H | 14.3 | 14.6 | 14.9 | 15.1 | 15.6 | 14.3 | 14.6 | 14.9 | 15.1 | 15.6 |

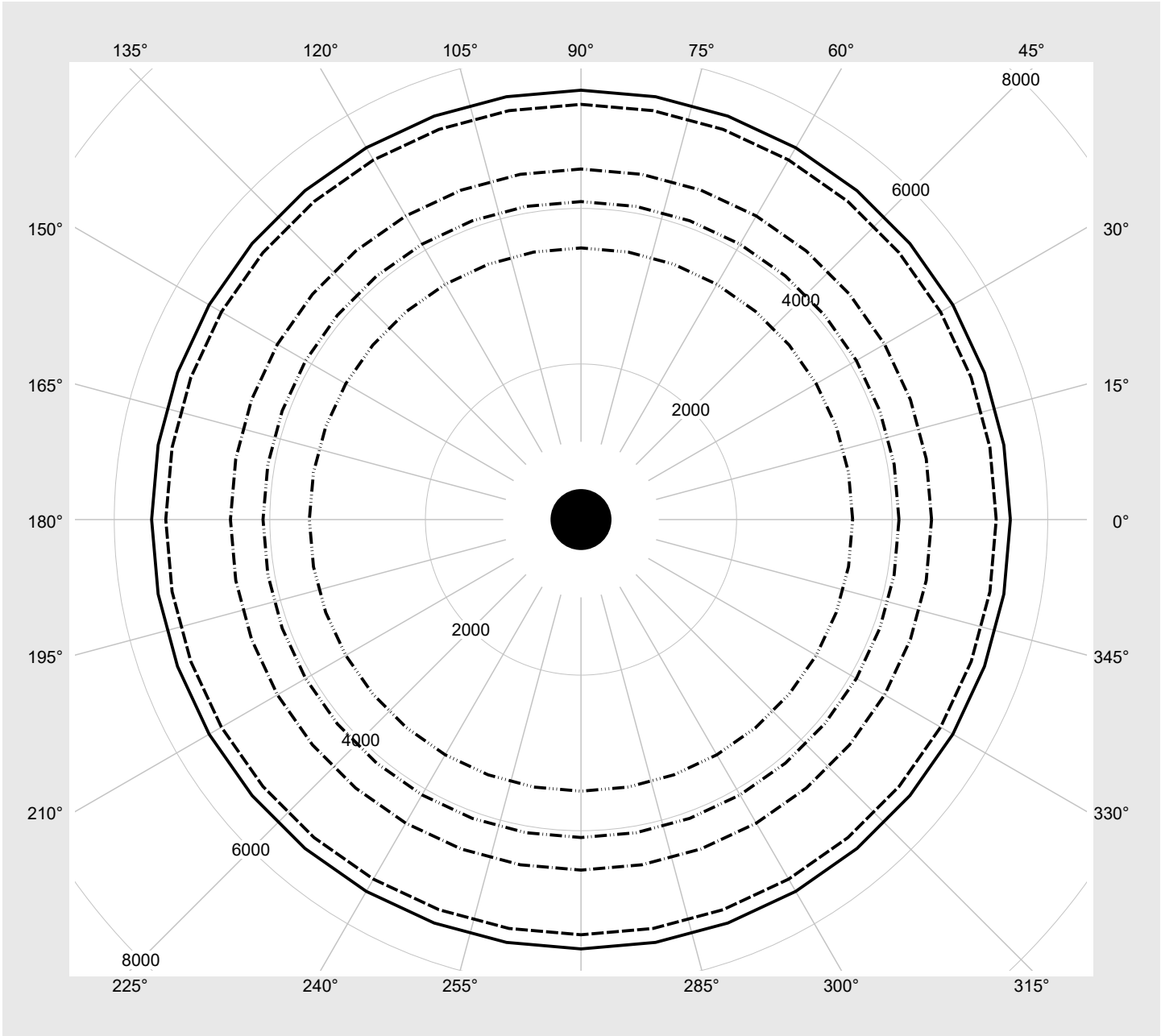
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|------------------------|---------------------------------|--------------------------------------|
| Luminance table | Max. for $\gamma \geq 65^\circ$ | Photometric dimensions in mm: D = 82 |
|------------------------|---------------------------------|--------------------------------------|

| C-planes | 0° |
|----------|--------------------------------|
| γ | Luminance in cd/m ² |
| 45,0° | 8104.6 |
| 50,0° | 6469.4 |
| 55,0° | 5835.3 |
| 60,0° | 5578.6 |
| 65,0° | 5519.8 |
| 70,0° | 5337.9 |
| 75,0° | 4506.6 |
| 80,0° | 4087.8 |
| 85,0° | 3492.2 |

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°



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| | | |
|-------------------------|---------------------------------|---|
| Multilumen Table | environmental temperature: 25°C |  |
|-------------------------|---------------------------------|---|

| DIP-Step | Switch Setting | | | | Luminous flux [lm] | Power consumption [W] |
|----------|----------------|-----|-----|-----|--------------------|-----------------------|
| | 1 | 2 | 3 | 4 | | |
| 11 | ON | OFF | ON | ON | 3590 | 28.1 |
| 10 | ON | OFF | ON | OFF | 3370 | 25.9 |
| 9 | ON | OFF | OFF | ON | 3140 | 23.8 |
| 8 | ON | OFF | OFF | OFF | 2900 | 21.7 |
| 7 | OFF | ON | ON | ON | 2670 | 19.8 |
| 6 | OFF | ON | ON | OFF | 2420 | 17.7 |
| 5 | OFF | ON | OFF | ON | 2170 | 15.7 |
| 4 | OFF | ON | OFF | OFF | 1920 | 13.8 |
| 3 | OFF | OFF | ON | ON | 1660 | 11.7 |
| 2 | OFF | OFF | ON | OFF | 1390 | 9.9 |
| 1 | OFF | OFF | OFF | ON | 1110 | 8.1 |
| 0 | OFF | OFF | OFF | OFF | 830 | 6.2 |