

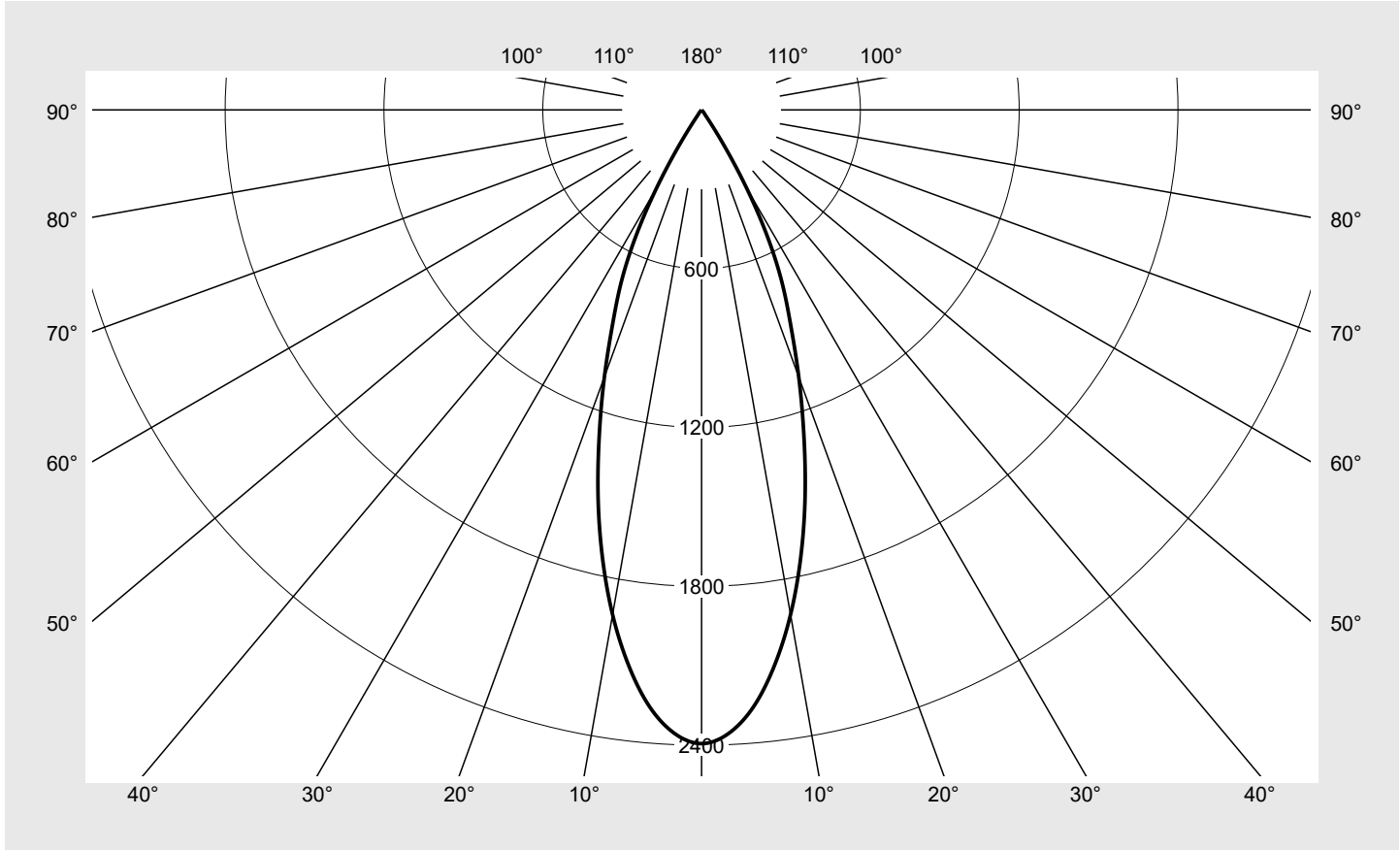


Photometric test report

| | | |
|---|--|---|
| Family Spot 21 Licross® | Order number: 51SL33MB11B2C EAN: 4069025502568 | LP number 59933_36 |
|  | Version housing, black, reflector, cover glass, transparent, medium distribution Lamps LED 3000 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=4 | serial documentation 21.05.2026 |
| | Rated values Net luminous flux = 2790 lm Power consumption = 18.5 W Luminous efficacy = 150.8 lm/W |  |

Luminous intensity in cd/klm C180-0 **Imax: 2394 cd/klm**



| Classifications | |
|-----------------|--------------------------------------|
| DIN 5040 | A 8 0 |
| CIE | N1=99 N2=100 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 | sITeco |
|---|-----------------------------------|---------------|

| C-planes | 0° | Phi-zone | Total Phi-zone |
|----------|------------------------------|-------------------------|----------------|
| γ | Luminous intensity in cd/klm | Luminous flux in lm/klm | |
| 0,0° | 2394.0 | 3.6 | 3.6 |
| 2,5° | 2357.4 | 28.2 | 31.8 |
| 5,0° | 2262.2 | 54.0 | 85.8 |
| 7,5° | 2115.3 | 75.7 | 161.5 |
| 10,0° | 1936.2 | 92.2 | 253.7 |
| 12,5° | 1731.2 | 102.7 | 356.4 |
| 15,0° | 1511.2 | 107.2 | 463.6 |
| 17,5° | 1284.7 | 105.9 | 569.5 |
| 20,0° | 1073.6 | 100.7 | 670.2 |
| 22,5° | 880.1 | 92.3 | 762.5 |
| 25,0° | 718.6 | 83.3 | 845.8 |
| 27,5° | 537.0 | 68.0 | 913.7 |
| 30,0° | 335.8 | 46.0 | 959.8 |
| 32,5° | 147.9 | 21.8 | 981.5 |
| 35,0° | 37.2 | 5.9 | 987.4 |
| 37,5° | 18.1 | 3.0 | 990.4 |
| 40,0° | 12.3 | 2.2 | 992.6 |
| 42,5° | 9.0 | 1.7 | 994.3 |
| 45,0° | 6.5 | 1.3 | 995.5 |
| 47,5° | 4.7 | 1.0 | 996.5 |
| 50,0° | 3.6 | 0.8 | 997.2 |
| 52,5° | 2.8 | 0.6 | 997.8 |
| 55,0° | 2.2 | 0.5 | 998.3 |
| 57,5° | 1.8 | 0.4 | 998.8 |
| 60,0° | 1.4 | 0.3 | 999.1 |
| 62,5° | 1.1 | 0.3 | 999.4 |
| 65,0° | 0.9 | 0.2 | 999.6 |
| 67,5° | 0.7 | 0.2 | 999.8 |
| 70,0° | 0.5 | 0.1 | 999.9 |
| 72,5° | 0.3 | 0.1 | 1000.0 |
| 75,0° | 0.1 | 0.0 | 1000.0 |
| 77,5° | 0.0 | 0.0 | 1000.0 |
| 80,0° | 0.0 | 0.0 | 1000.0 |
| 82,5° | 0.0 | 0.0 | 1000.0 |
| 85,0° | 0.0 | 0.0 | 1000.0 |
| 87,5° | 0.0 | 0.0 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 1000.0 |

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|------------------|----------------------|---------------|
| UGR-Table | Standard room | siteco |
|------------------|----------------------|---------------|

| | | | | | | | | | | | |
|------------------------------|---------------------|------|------|------|------|--------------------|------|------|------|------|------|
| 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 | 12.8 | 13.8 | 13.2 | 14.1 | 14.5 | 12.8 | 13.8 | 13.2 | 14.1 | 14.5 |
| | 3H | 12.7 | 13.5 | 13.1 | 13.9 | 14.2 | 12.7 | 13.5 | 13.1 | 13.9 | 14.2 |
| | 4H | 12.6 | 13.4 | 13.0 | 13.7 | 14.1 | 12.6 | 13.4 | 13.0 | 13.7 | 14.1 |
| | 6H | 12.5 | 13.2 | 12.9 | 13.6 | 14.0 | 12.5 | 13.2 | 12.9 | 13.6 | 14.0 |
| | 8H | 12.6 | 13.1 | 13.0 | 13.5 | 13.9 | 12.6 | 13.1 | 13.0 | 13.5 | 13.9 |
| | 12H | 12.5 | 13.0 | 13.0 | 13.4 | 13.8 | 12.5 | 13.0 | 13.0 | 13.4 | 13.8 |
| 4H | 2H | 12.6 | 13.4 | 13.0 | 13.7 | 14.1 | 12.6 | 13.4 | 13.0 | 13.7 | 14.1 |
| | 3H | 12.4 | 13.0 | 12.8 | 13.4 | 13.8 | 12.4 | 13.0 | 12.8 | 13.4 | 13.8 |
| | 4H | 12.3 | 12.8 | 12.7 | 13.2 | 13.7 | 12.3 | 12.8 | 12.7 | 13.2 | 13.7 |
| | 6H | 12.1 | 12.6 | 12.6 | 13.1 | 13.5 | 12.1 | 12.6 | 12.6 | 13.1 | 13.5 |
| | 8H | 12.1 | 12.5 | 12.6 | 13.0 | 13.5 | 12.1 | 12.5 | 12.6 | 13.0 | 13.5 |
| | 12H | 12.1 | 12.4 | 12.6 | 12.9 | 13.4 | 12.1 | 12.4 | 12.6 | 12.9 | 13.4 |
| 8H | 4H | 12.1 | 12.5 | 12.6 | 13.0 | 13.5 | 12.1 | 12.5 | 12.6 | 13.0 | 13.5 |
| | 6H | 12.0 | 12.3 | 12.5 | 12.8 | 13.3 | 12.0 | 12.3 | 12.5 | 12.8 | 13.3 |
| | 8H | 11.9 | 12.2 | 12.4 | 12.7 | 13.2 | 11.9 | 12.2 | 12.4 | 12.7 | 13.2 |
| | 12H | 11.8 | 12.1 | 12.4 | 12.6 | 13.1 | 11.8 | 12.1 | 12.4 | 12.6 | 13.1 |
| 12H | 4H | 12.1 | 12.4 | 12.6 | 12.9 | 13.4 | 12.1 | 12.4 | 12.6 | 12.9 | 13.4 |
| | 6H | 11.9 | 12.2 | 12.5 | 12.7 | 13.2 | 11.9 | 12.2 | 12.5 | 12.7 | 13.2 |
| | 8H | 11.8 | 12.1 | 12.4 | 12.6 | 13.1 | 11.8 | 12.1 | 12.4 | 12.6 | 13.1 |

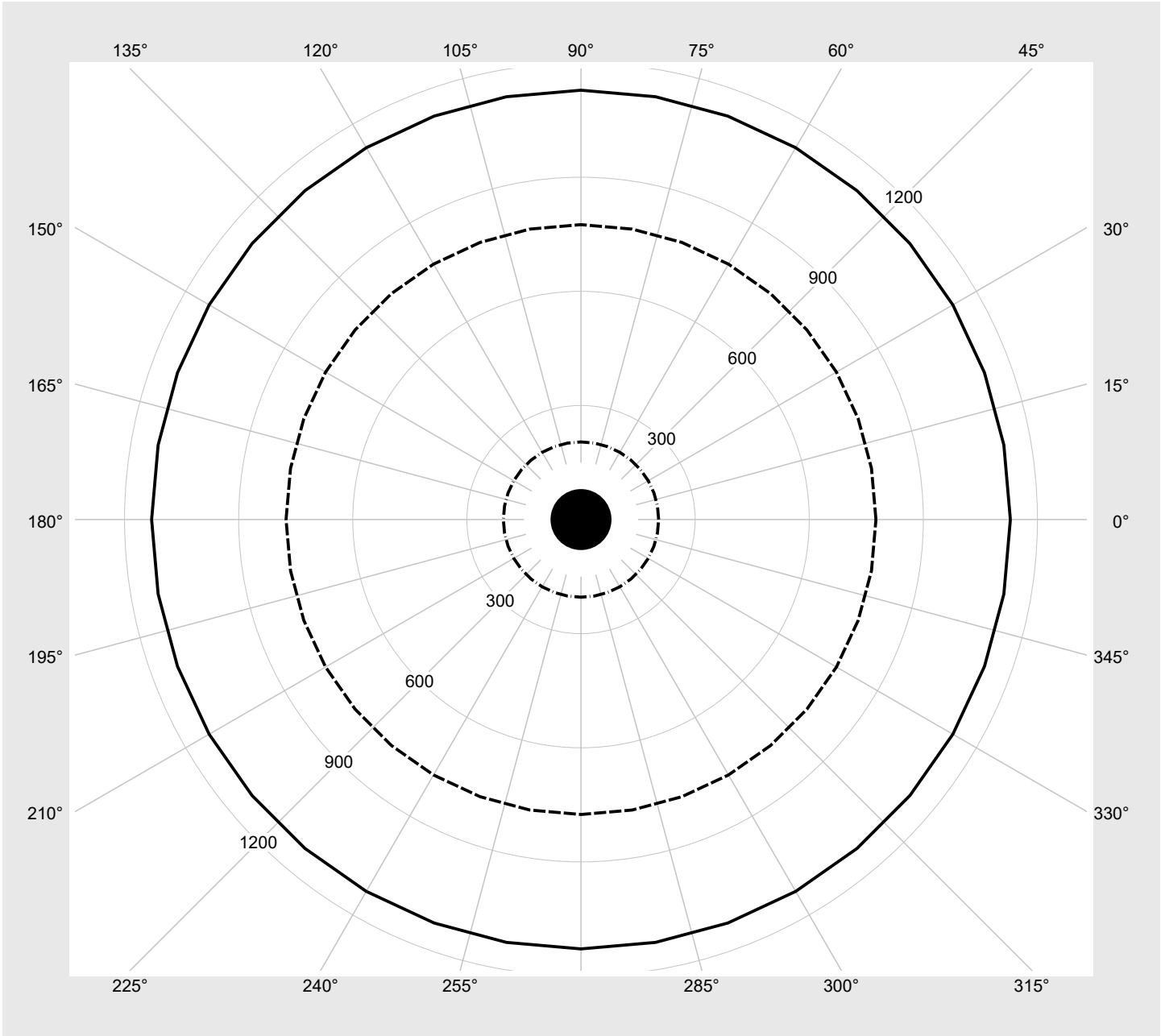
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|------------------------|---|---|
| Luminance table | Max. for $\gamma \geq 65^\circ$ | Photometric dimensions in mm: D = 82 |
|------------------------|---|---|

| | |
|-----------------|---------------------------|
| C-planes | 0° |
| γ | Luminance in cd/m² |
| 45,0° | 4872.8 |
| 50,0° | 2968.7 |
| 55,0° | 2032.8 |
| 60,0° | 1484.5 |
| 65,0° | 1128.8 |
| 70,0° | 775.4 |
| 75,0° | 204.1 |
| 80,0° | 0.0 |
| 85,0° | 0.0 |

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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 | | |
| 0 | OFF | OFF | OFF | 3760 | 26.5 |
| 1 | ON | OFF | OFF | 3530 | 24.5 |
| 2 | OFF | ON | OFF | 3290 | 22.5 |
| 3 | ON | ON | OFF | 3040 | 20.5 |
| 4 | OFF | OFF | ON | 2790 | 18.5 |
| 5 | ON | OFF | ON | 2530 | 16.6 |
| 6 | OFF | ON | ON | 2270 | 14.8 |
| 7 | ON | ON | ON | 2010 | 12.9 |