

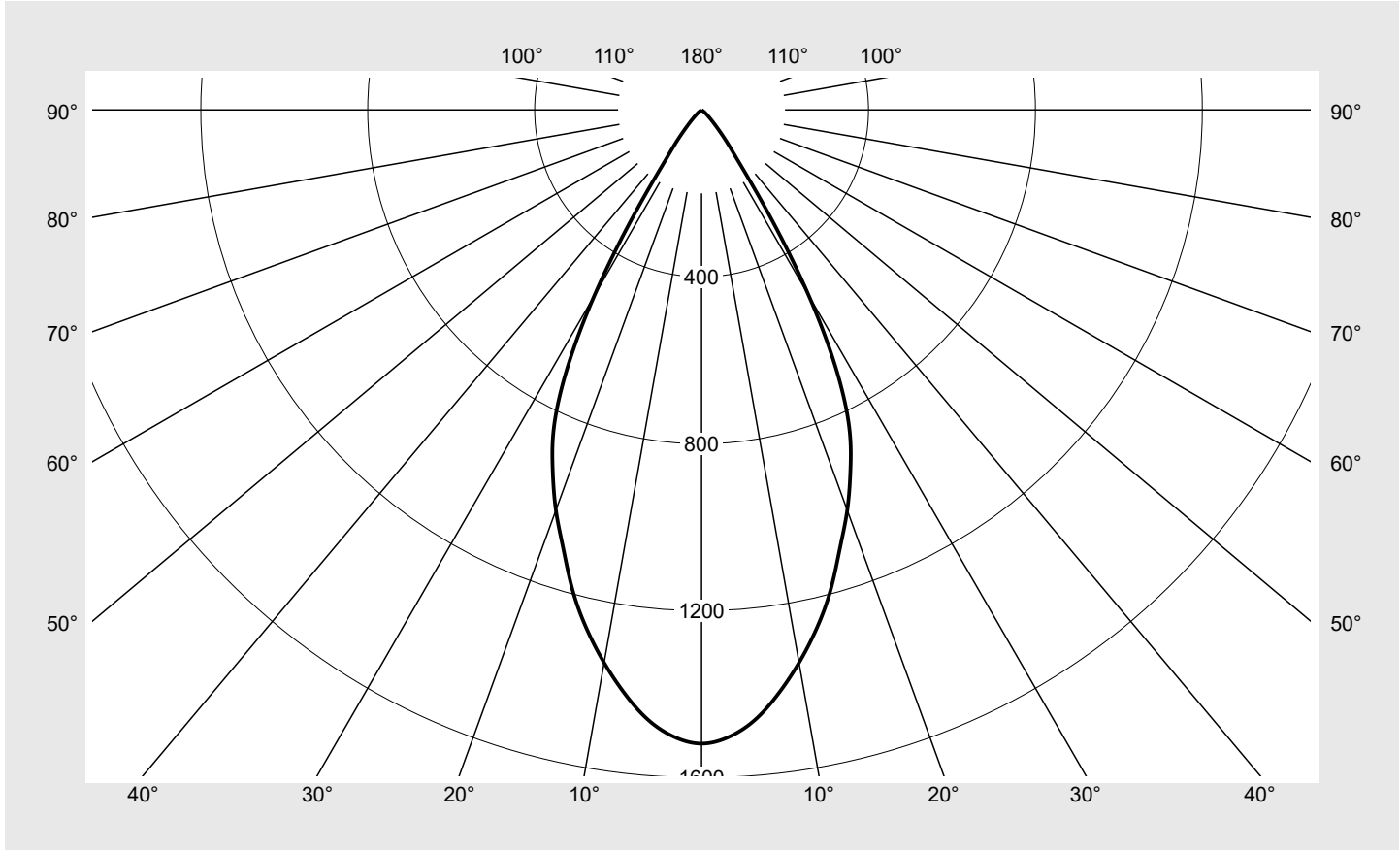


# Photometric test report

|   |  |   |
|---|--|---|
| <b>Family</b><br><b>Spot 21 Licross®</b>  | <b>Order number: 51SL34MB11B2C</b><br><b>EAN: 4069025502629</b>  | <b>LP number</b><br><b>59934_38</b>   |
|  | <b>Version</b> housing, black, reflector, cover glass, transparent, wide distribution<br><b>Lamps</b> LED 3000 K   CRI ≥ 90<br><b>Controlgear</b> ECG Multilumen<br><b>Setting</b> factory setting: DIP-Step=4 | <b>serial documentation</b><br><b>21.05.2026</b>                                    |
|   | <b>Rated values</b><br>Net luminous flux = 2720 lm<br>Power consumption = 18.5 W<br>Luminous efficacy = 147 lm/W   |  |

**Luminous intensity in cd/klm** C180-0 **Imax: 1518 cd/klm**



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

| Luminaire light output ratios |        |
|-------------------------------|--------|
| $\eta_{LB}$                   | 100.0% |
| $\phi_u$                      | 100.0% |
| $\phi_o$                      | 0.0%   |

**Measurement conditions**  
 DIN EN 13032 and DIN 5032

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|                                   |   |                              |
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**sitEco**

|   |                                   |
|---|-----------------------------------|
| <b>Table of values for luminous intensities</b> | <b>Maximum luminous intensity</b> |
|---|-----------------------------------|

| C-planes | 0°                           | Phi-zone                | Total Phi-zone |
|----------|------------------------------|-------------------------|----------------|
| $\gamma$ | Luminous intensity in cd/klm | Luminous flux in lm/klm |                |
| 0,0°     | 1518.5                       | 2.3                     | 2.3            |
| 2,5°     | 1503.9                       | 18.0                    | 20.3           |
| 5,0°     | 1467.3                       | 35.1                    | 55.3           |
| 7,5°     | 1410.8                       | 50.5                    | 105.8          |
| 10,0°    | 1345.0                       | 64.0                    | 169.8          |
| 12,5°    | 1273.2                       | 75.5                    | 245.4          |
| 15,0°    | 1192.8                       | 84.6                    | 330.0          |
| 17,5°    | 1102.1                       | 90.9                    | 420.8          |
| 20,0°    | 1020.8                       | 95.7                    | 516.6          |
| 22,5°    | 932.5                        | 97.8                    | 614.4          |
| 25,0°    | 836.7                        | 96.9                    | 711.3          |
| 27,5°    | 696.4                        | 88.2                    | 799.5          |
| 30,0°    | 514.1                        | 70.5                    | 869.9          |
| 32,5°    | 318.7                        | 46.9                    | 916.9          |
| 35,0°    | 172.5                        | 27.1                    | 944.0          |
| 37,5°    | 109.8                        | 18.3                    | 962.3          |
| 40,0°    | 70.5                         | 12.4                    | 974.8          |
| 42,5°    | 44.6                         | 8.3                     | 983.0          |
| 45,0°    | 28.1                         | 5.4                     | 988.5          |
| 47,5°    | 17.7                         | 3.6                     | 992.0          |
| 50,0°    | 11.6                         | 2.4                     | 994.5          |
| 52,5°    | 7.9                          | 1.7                     | 996.2          |
| 55,0°    | 5.3                          | 1.2                     | 997.4          |
| 57,5°    | 3.6                          | 0.8                     | 998.2          |
| 60,0°    | 2.5                          | 0.6                     | 998.8          |
| 62,5°    | 1.8                          | 0.4                     | 999.3          |
| 65,0°    | 1.2                          | 0.3                     | 999.6          |
| 67,5°    | 0.8                          | 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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|                  |                      |               |
|------------------|----------------------|---------------|
| <b>UGR-Table</b> | <b>Standard room</b> | <b>siteco</b> |
|------------------|----------------------|---------------|

|                              |                     |      |      |      |      |                    |      |      |      |      |      |
|------------------------------|---------------------|------|------|------|------|--------------------|------|------|------|------|------|
| 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                  | 18.9 | 20.0 | 19.2 | 20.3 | 20.6               | 18.9 | 20.0 | 19.2 | 20.3 | 20.6 |
|                              | 3H                  | 18.7 | 19.7 | 19.1 | 20.0 | 20.4               | 18.7 | 19.7 | 19.1 | 20.0 | 20.4 |
|                              | 4H                  | 18.6 | 19.5 | 19.0 | 19.9 | 20.2               | 18.6 | 19.5 | 19.0 | 19.9 | 20.2 |
|                              | 6H                  | 18.5 | 19.3 | 19.0 | 19.7 | 20.1               | 18.5 | 19.3 | 19.0 | 19.7 | 20.1 |
|                              | 8H                  | 18.7 | 19.3 | 19.1 | 19.6 | 20.0               | 18.7 | 19.3 | 19.1 | 19.6 | 20.0 |
|                              | 12H                 | 18.6 | 19.2 | 19.1 | 19.5 | 20.0               | 18.6 | 19.2 | 19.1 | 19.5 | 20.0 |
| 4H                           | 2H                  | 18.6 | 19.5 | 19.0 | 19.9 | 20.2               | 18.6 | 19.5 | 19.0 | 19.9 | 20.2 |
|                              | 3H                  | 18.5 | 19.2 | 18.9 | 19.6 | 20.0               | 18.5 | 19.2 | 18.9 | 19.6 | 20.0 |
|                              | 4H                  | 18.3 | 19.0 | 18.8 | 19.4 | 19.8               | 18.3 | 19.0 | 18.8 | 19.4 | 19.8 |
|                              | 6H                  | 18.2 | 18.8 | 18.7 | 19.2 | 19.7               | 18.2 | 18.8 | 18.7 | 19.2 | 19.7 |
|                              | 8H                  | 18.2 | 18.7 | 18.7 | 19.1 | 19.6               | 18.2 | 18.7 | 18.7 | 19.1 | 19.6 |
|                              | 12H                 | 18.2 | 18.6 | 18.7 | 19.0 | 19.5               | 18.2 | 18.6 | 18.7 | 19.0 | 19.5 |
| 8H                           | 4H                  | 18.2 | 18.7 | 18.7 | 19.1 | 19.6               | 18.2 | 18.7 | 18.7 | 19.1 | 19.6 |
|                              | 6H                  | 18.1 | 18.5 | 18.6 | 18.9 | 19.4               | 18.1 | 18.5 | 18.6 | 18.9 | 19.4 |
|                              | 8H                  | 18.0 | 18.3 | 18.5 | 18.8 | 19.4               | 18.0 | 18.3 | 18.5 | 18.8 | 19.4 |
|                              | 12H                 | 18.0 | 18.2 | 18.5 | 18.7 | 19.3               | 18.0 | 18.2 | 18.5 | 18.7 | 19.3 |
| 12H                          | 4H                  | 18.2 | 18.6 | 18.7 | 19.0 | 19.5               | 18.2 | 18.6 | 18.7 | 19.0 | 19.5 |
|                              | 6H                  | 18.0 | 18.3 | 18.6 | 18.8 | 19.4               | 18.0 | 18.3 | 18.6 | 18.8 | 19.4 |
|                              | 8H                  | 18.0 | 18.2 | 18.5 | 18.7 | 19.3               | 18.0 | 18.2 | 18.5 | 18.7 | 19.3 |

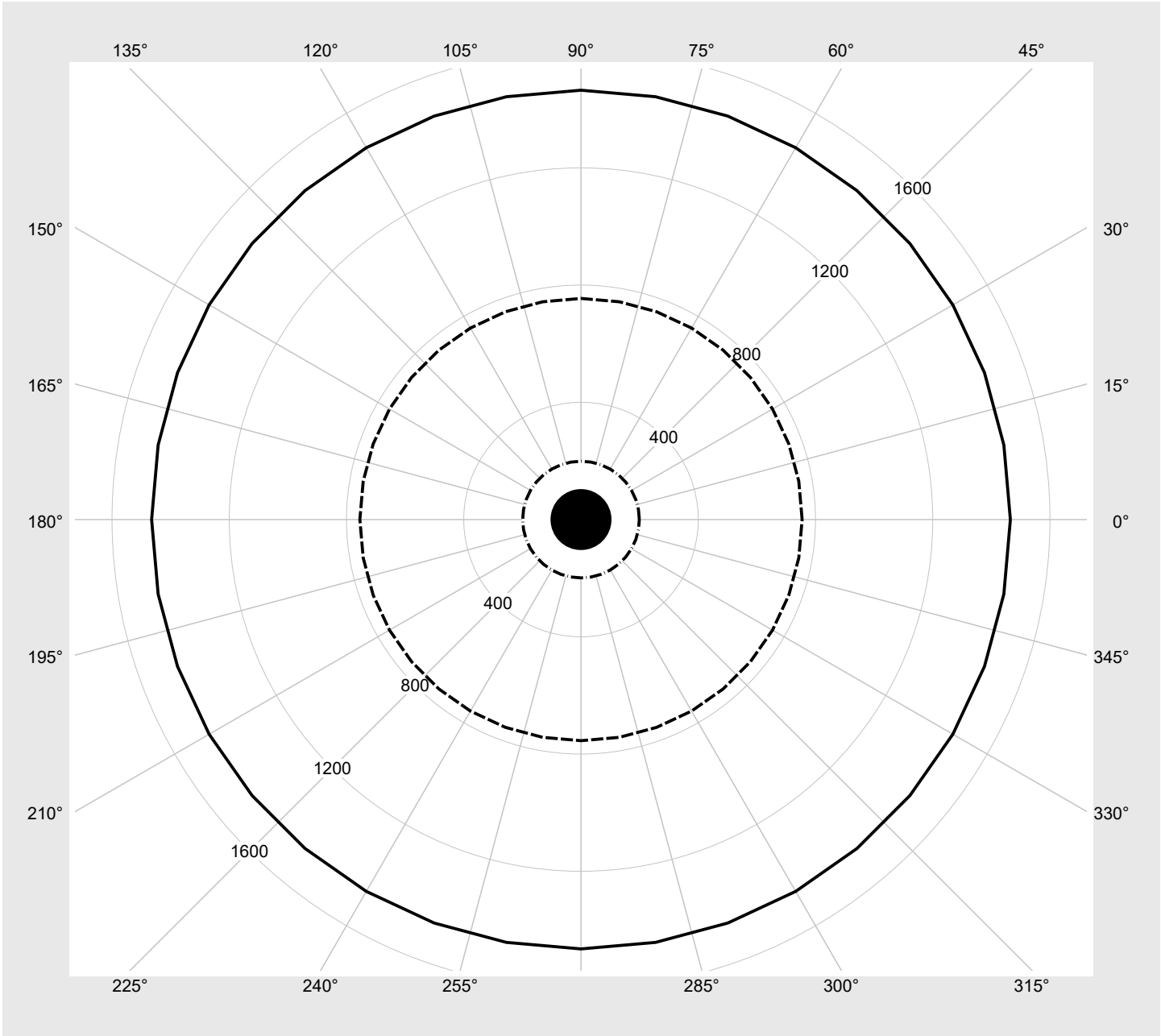
|                        |   |   |
|------------------------|---|---|
| <b>Luminance table</b> | <b>Max. for <math>\gamma \geq 65^\circ</math></b> | <b>Photometric dimensions in mm: D = 82</b> |
|------------------------|---|---|

|                 |                                      |
|-----------------|--------------------------------------|
| <b>C-planes</b> | <b>0°</b>                            |
| $\gamma$        | <b>Luminance in cd/m<sup>2</sup></b> |
| 45,0°           | 20436.5                              |
| 50,0°           | 9314.1                               |
| 55,0°           | 4769.1                               |
| 60,0°           | 2580.4                               |
| 65,0°           | 1464.9                               |
| 70,0°           | 754.5                                |
| 75,0°           | 199.0                                |
| 80,0°           | 0.0                                  |
| 85,0°           | 0.0                                  |

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**Luminance values in cd/m<sup>2</sup>**    γ 65°    γ 70°    γ 75°    γ 80°    γ 85°    **siteco**



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|--|---|-------------------------------------|

|                         |                                 |   |
|-------------------------|---------------------------------|---|
| <b>Multilumen Table</b> | environmental temperature: 25°C |  |
|-------------------------|---------------------------------|---|

| DIP-Step | Switch Setting |     |     | Luminous flux [lm] | Power consumption [W] |
|----------|----------------|-----|-----|--------------------|-----------------------|
|          | 1              | 2   | 3   |                    |                       |
| 0        | OFF            | OFF | OFF | 3660               | 26.5                  |
| 1        | ON             | OFF | OFF | 3430               | 24.5                  |
| 2        | OFF            | ON  | OFF | 3200               | 22.5                  |
| 3        | ON             | ON  | OFF | 2960               | 20.5                  |
| 4        | OFF            | OFF | ON  | 2720               | 18.5                  |
| 5        | ON             | OFF | ON  | 2470               | 16.6                  |
| 6        | OFF            | ON  | ON  | 2210               | 14.8                  |
| 7        | ON             | ON  | ON  | 1950               | 12.9                  |