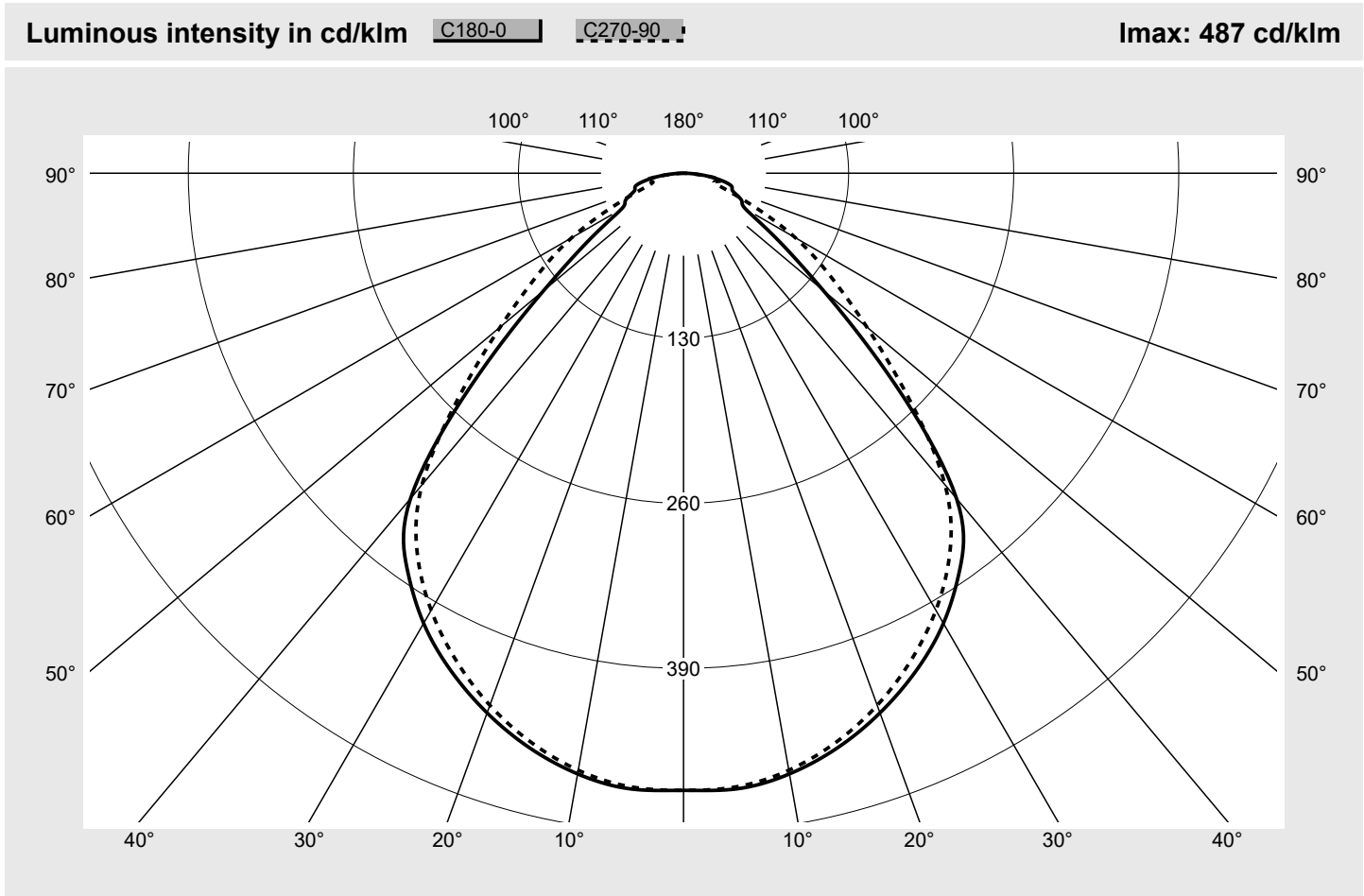


Photometric test report

|                                                                                   |                                                                |                                                                                                    |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Silica® 21 round S</b>                                        | <b>Order number: 51ME63DA4MWA</b><br><b>EAN: 4069025801081</b> | <b>LP number</b><br><b>59826_774</b>                                                               |
|  | <b>Version</b>                                                 | surface-mounted luminaire, housing, white, microprismatic optics, direct wide distribution, UGR≤19 |
|                                                                                   | <b>Lamps</b>                                                   | LED 4000 K   CRI ≥ 80                                                                              |
|                                                                                   | <b>Controlgear</b>                                             | ECG-DALI                                                                                           |
|                                                                                   | <b>Rated values</b>                                            | Net luminous flux = 2410 lm<br>Power consumption = 16.3 W<br>Luminous efficacy = 147.9 lm/W        |
|                                                                                   |                                                                | <b>serial documentation</b><br><b>20.05.2026</b>                                                   |
|                                                                                   |                                                                | <b>siteco</b>                                                                                      |



| Classifications |                   | Luminaire light output ratios |        |
|-----------------|-------------------|-------------------------------|--------|
| DIN 5040        | A 5 0             | $\eta_{LB}$                   | 100.0% |
| CIE             | N1=64 N2=89 N3=97 | $\phi_u$                      | 100.0% |
|                 | N4=100 N5=100     | $\phi_o$                      | 0.0%   |

| Measurement conditions    |
|---------------------------|
| DIN EN 13032 and DIN 5032 |

Photometric test report

|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Silica® 21 round S             | Order number: 51ME63DA4MWA<br>EAN: 4069025801081 | LP number<br>59826_774     |
| Table of values for luminous intensities |                                                  | Maximum luminous intensity |
|                                          |                                                  | siteco                     |

| C-<br>planes | 0°<br>180°                   | 15°<br>165°<br>195°<br>345° | 30°<br>150°<br>210°<br>330° | 45°<br>135°<br>225°<br>315° | 60°<br>120°<br>240°<br>300° | 75°<br>105°<br>255°<br>285° | 90°<br>270° | Phi-zone                | Total<br>Phi-zone |
|--------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|-------------------------|-------------------|
| γ            | Luminous intensity in cd/klm |                             |                             |                             |                             |                             |             | Luminous flux in lm/klm |                   |
| 0°           | 486.1                        | 486.1                       | 486.1                       | 486.1                       | 486.1                       | 486.1                       | 486.1       | 2.9                     | 2.9               |
| 5°           | 486.7                        | 484.1                       | 481.4                       | 483.1                       | 485.4                       | 485.1                       | 485.0       | 23.1                    | 26.0              |
| 10°          | 480.4                        | 477.8                       | 474.6                       | 475.9                       | 477.9                       | 477.5                       | 477.5       | 45.4                    | 71.5              |
| 15°          | 468.5                        | 466.0                       | 462.5                       | 463.3                       | 464.8                       | 464.2                       | 464.0       | 65.9                    | 137.4             |
| 20°          | 452.3                        | 449.7                       | 445.8                       | 446.0                       | 446.9                       | 446.2                       | 446.0       | 83.9                    | 221.2             |
| 25°          | 432.8                        | 429.8                       | 425.0                       | 424.8                       | 425.7                       | 424.4                       | 423.6       | 98.8                    | 320.0             |
| 30°          | 409.4                        | 405.7                       | 400.1                       | 399.8                       | 401.2                       | 399.1                       | 397.5       | 110.0                   | 430.0             |
| 35°          | 379.7                        | 376.2                       | 369.4                       | 369.8                       | 370.7                       | 368.6                       | 365.6       | 116.7                   | 546.7             |
| 40°          | 334.5                        | 334.6                       | 328.5                       | 328.1                       | 322.7                       | 324.2                       | 320.4       | 115.4                   | 662.1             |
| 45°          | 236.5                        | 251.7                       | 255.4                       | 250.5                       | 228.6                       | 250.0                       | 251.1       | 95.6                    | 757.7             |
| 50°          | 143.7                        | 164.9                       | 192.5                       | 164.8                       | 142.8                       | 162.3                       | 188.3       | 69.5                    | 827.3             |
| 55°          | 88.6                         | 101.2                       | 143.4                       | 100.8                       | 87.8                        | 98.6                        | 141.0       | 48.4                    | 875.6             |
| 60°          | 56.4                         | 68.4                        | 100.7                       | 69.1                        | 56.3                        | 67.5                        | 101.9       | 34.9                    | 910.5             |
| 65°          | 50.4                         | 58.5                        | 62.3                        | 59.9                        | 51.6                        | 59.9                        | 58.9        | 28.7                    | 939.3             |
| 70°          | 41.3                         | 50.4                        | 31.9                        | 51.3                        | 41.6                        | 51.4                        | 31.5        | 22.6                    | 961.8             |
| 75°          | 39.1                         | 35.2                        | 27.9                        | 35.9                        | 39.6                        | 35.7                        | 25.6        | 18.2                    | 980.1             |
| 80°          | 28.0                         | 21.2                        | 27.7                        | 20.6                        | 28.4                        | 21.6                        | 29.6        | 13.4                    | 993.4             |
| 85°          | 13.1                         | 12.2                        | 10.3                        | 12.3                        | 13.0                        | 12.5                        | 10.4        | 6.6                     | 1000.0            |
| 90°          | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 95°          | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 100°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 105°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 110°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 115°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 120°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 125°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 130°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 135°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 140°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 145°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 150°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 155°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 160°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 165°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 170°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 175°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |
| 180°         | 0.0                          | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0         | 0.0                     | 1000.0            |

Photometric test report

|                              |                                                  |                        |
|------------------------------|--------------------------------------------------|------------------------|
| Family<br>Silica® 21 round S | Order number: 51ME63DA4MWA<br>EAN: 4069025801081 | LP number<br>59826_774 |
|------------------------------|--------------------------------------------------|------------------------|

| 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  | 16.9                | 18.4 | 17.3 | 18.7 | 19.1 | 16.7               | 18.2 | 17.1   | 18.5 | 18.9 |
|                              | 3H  | 17.6                | 19.0 | 18.0 | 19.3 | 19.7 | 17.5               | 18.8 | 17.9   | 19.2 | 19.5 |
|                              | 4H  | 18.1                | 19.4 | 18.5 | 19.7 | 20.1 | 17.8               | 19.1 | 18.2   | 19.4 | 19.8 |
|                              | 6H  | 18.6                | 19.7 | 19.0 | 20.1 | 20.5 | 18.2               | 19.4 | 18.7   | 19.8 | 20.2 |
|                              | 8H  | 18.8                | 19.9 | 19.2 | 20.3 | 20.7 | 18.6               | 19.6 | 19.0   | 20.0 | 20.4 |
|                              | 12H | 19.0                | 20.0 | 19.4 | 20.4 | 20.8 | 18.7               | 19.7 | 19.1   | 20.1 | 20.5 |
| 4H                           | 2H  | 17.2                | 18.4 | 17.6 | 18.8 | 19.1 | 17.0               | 18.3 | 17.4   | 18.6 | 19.0 |
|                              | 3H  | 18.0                | 19.1 | 18.4 | 19.5 | 19.9 | 18.0               | 19.1 | 18.4   | 19.5 | 19.9 |
|                              | 4H  | 18.6                | 19.5 | 19.0 | 19.9 | 20.4 | 18.5               | 19.5 | 19.0   | 19.9 | 20.3 |
|                              | 6H  | 19.2                | 20.0 | 19.6 | 20.4 | 20.9 | 19.1               | 19.9 | 19.6   | 20.4 | 20.8 |
|                              | 8H  | 19.4                | 20.2 | 19.9 | 20.6 | 21.1 | 19.4               | 20.2 | 19.9   | 20.6 | 21.1 |
|                              | 12H | 19.7                | 20.3 | 20.2 | 20.8 | 21.3 | 19.6               | 20.3 | 20.1   | 20.7 | 21.2 |
| 8H                           | 4H  | 18.8                | 19.6 | 19.3 | 20.0 | 20.5 | 18.8               | 19.6 | 19.3   | 20.0 | 20.5 |
|                              | 6H  | 19.6                | 20.2 | 20.1 | 20.7 | 21.2 | 19.6               | 20.2 | 20.1   | 20.7 | 21.2 |
|                              | 8H  | 20.0                | 20.5 | 20.5 | 21.0 | 21.5 | 20.0               | 20.5 | 20.5   | 21.0 | 21.5 |
|                              | 12H | 20.3                | 20.7 | 20.8 | 21.2 | 21.8 | 20.3               | 20.7 | 20.8   | 21.2 | 21.8 |
| 12H                          | 4H  | 18.9                | 19.5 | 19.4 | 20.0 | 20.5 | 18.9               | 19.5 | 19.4   | 20.0 | 20.5 |
|                              | 6H  | 19.7                | 20.2 | 20.2 | 20.7 | 21.2 | 19.7               | 20.2 | 20.2   | 20.7 | 21.2 |
|                              | 8H  | 20.1                | 20.5 | 20.6 | 21.0 | 21.6 | 20.1               | 20.6 | 20.6   | 21.1 | 21.6 |

| Luminance table |                    | Max. for $\gamma \geq 65^\circ$ |                             | Photometric dimensions in mm: |                             | D = 386                     |             |
|-----------------|--------------------|---------------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-------------|
| C-planes        | 0°<br>180°         | 15°<br>165°<br>195°<br>345°     | 30°<br>150°<br>210°<br>330° | 45°<br>135°<br>225°<br>315°   | 60°<br>120°<br>240°<br>300° | 75°<br>105°<br>255°<br>285° | 90°<br>270° |
| $\gamma$        | Luminance in cd/m² |                                 |                             |                               |                             |                             |             |
| 45°             | 6888.8             | 7331.9                          | 7437.7                      | 7294.7                        | 6657.3                      | 7280.5                      | 7314.7      |
| 50°             | 4604.7             | 5282.7                          | 6167.9                      | 5279.6                        | 4574.2                      | 5198.9                      | 6034.2      |
| 55°             | 3180.7             | 3633.7                          | 5149.3                      | 3617.8                        | 3151.4                      | 3539.2                      | 5063.8      |
| 60°             | 2324.4             | 2816.2                          | 4146.3                      | 2847.1                        | 2317.3                      | 2779.2                      | 4195.2      |
| 65°             | 2454.4             | 2849.2                          | 3035.8                      | 2919.3                        | 2515.7                      | 2920.5                      | 2872.0      |
| 70°             | 2489.7             | 3035.2                          | 1922.7                      | 3092.0                        | 2503.7                      | 3097.9                      | 1899.3      |
| 75°             | 3109.7             | 2797.7                          | 2220.6                      | 2858.6                        | 3154.6                      | 2837.2                      | 2035.9      |
| 80°             | 3326.6             | 2518.8                          | 3287.1                      | 2446.1                        | 3365.0                      | 2567.2                      | 3507.1      |
| 85°             | 3093.6             | 2893.0                          | 2442.1                      | 2902.4                        | 3076.3                      | 2963.9                      | 2455.8      |

Photometric test report

Family  
Silica® 21 round S

Order number: 51ME63DA4MWA  
EAN: 4069025801081

LP number  
59826\_774

Luminance values in cd/m²

γ 65°

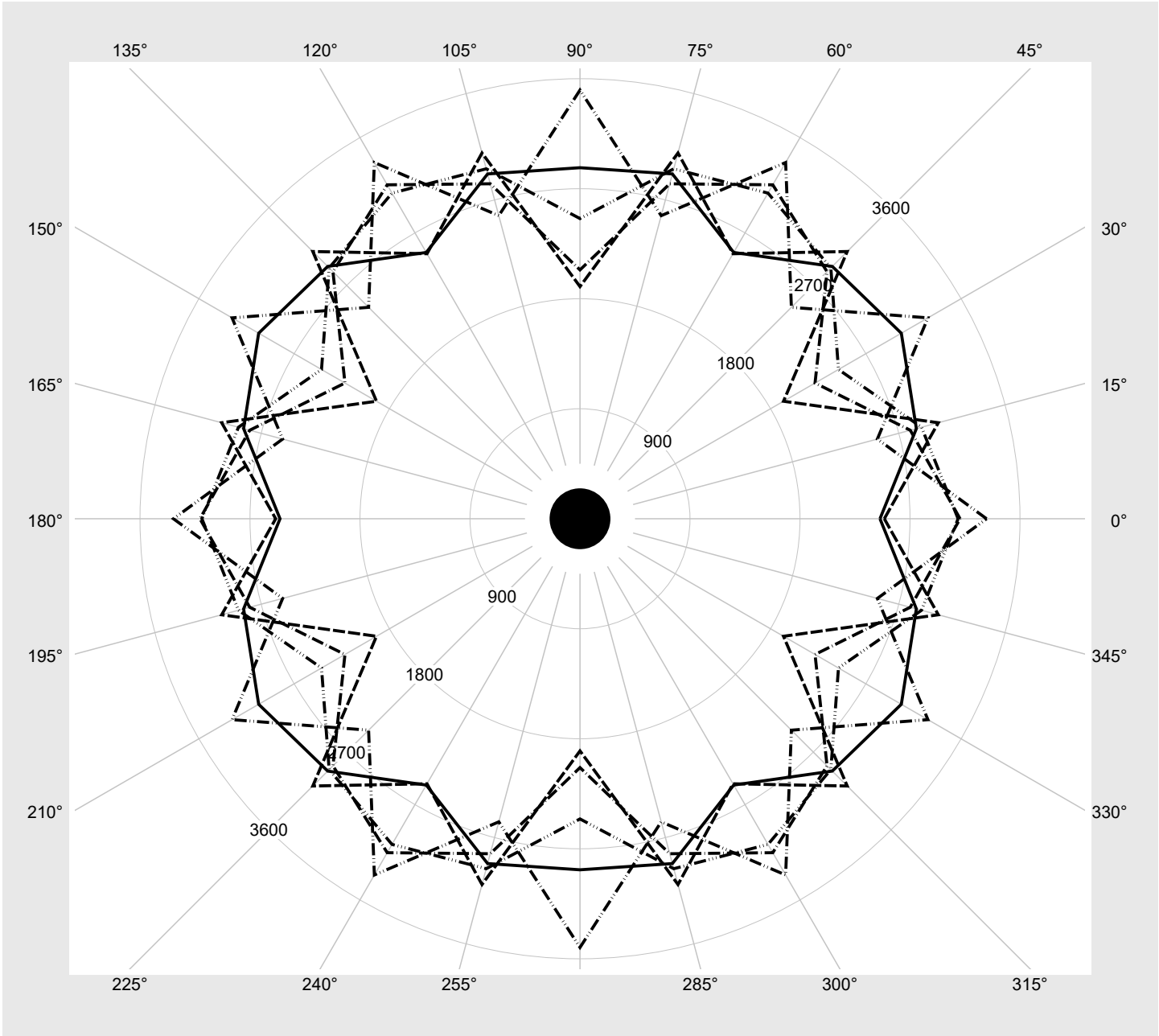
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

|                                            |                                                                |                                                                                                                        |
|--------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Silica® 21 round S</b> | <b>Order number: 51ME63DA4MWA</b><br><b>EAN: 4069025801081</b> | <b>LP number</b><br><b>59826_774</b>                                                                                   |
| <b>Dimming levels table</b>                |                                                                | environmental temperature: 25°C<br> |

| Luminous flux<br>[%] | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W] |
|----------------------|-------------------------|------------------------------|-----------------------|--------------------------|
| 100                  | 254                     | 254                          | 2410                  | 16.3                     |
| 95                   | 241                     | 252                          | 2287                  | 15.5                     |
| 90                   | 229                     | 250                          | 2174                  | 14.7                     |
| 85                   | 216                     | 248                          | 2050                  | 13.9                     |
| 80                   | 203                     | 246                          | 1927                  | 13.2                     |
| 75                   | 190                     | 243                          | 1803                  | 12.4                     |
| 70                   | 178                     | 241                          | 1689                  | 11.7                     |
| 65                   | 165                     | 238                          | 1565                  | 11.0                     |
| 60                   | 153                     | 235                          | 1451                  | 10.3                     |
| 55                   | 140                     | 232                          | 1326                  | 9.5                      |
| 50                   | 127                     | 229                          | 1202                  | 8.7                      |
| 45                   | 115                     | 225                          | 1087                  | 8.0                      |
| 40                   | 102                     | 221                          | 962                   | 7.2                      |
| 35                   | 90                      | 216                          | 847                   | 6.4                      |
| 30                   | 77                      | 210                          | 723                   | 5.6                      |
| 25                   | 65                      | 204                          | 607                   | 4.9                      |
| 20                   | 52                      | 196                          | 481                   | 4.0                      |
| 15                   | 40                      | 186                          | 365                   | 3.3                      |
| 10                   | 27                      | 172                          | 240                   | 2.4                      |
| 5                    | 15                      | 150                          | 123                   | 1.4                      |
| 4                    | 13                      | 145                          | 104                   | 1.3                      |