

## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 21 Opal**

**Bestell-Nr.: 52TL1DCN485G**  
**EAN: 4058352056790**

**LP-Nummer**  
**59520\_107**



**Ausführung** Abdeckung, opal, direkt-/ indirekt strahlend, diffus

**Bestückung** LED 4000 K | CRI ≥ 80

**Betriebsgerät** EVG-Multilumen CLOi

**Bemessungswerte** Nettolichtstrom = 8780 lm  
Systemleistung = 49.9 W  
Lichtausbeute = 176 lm/W

**Seriendokumentation**  
**29.01.2024**

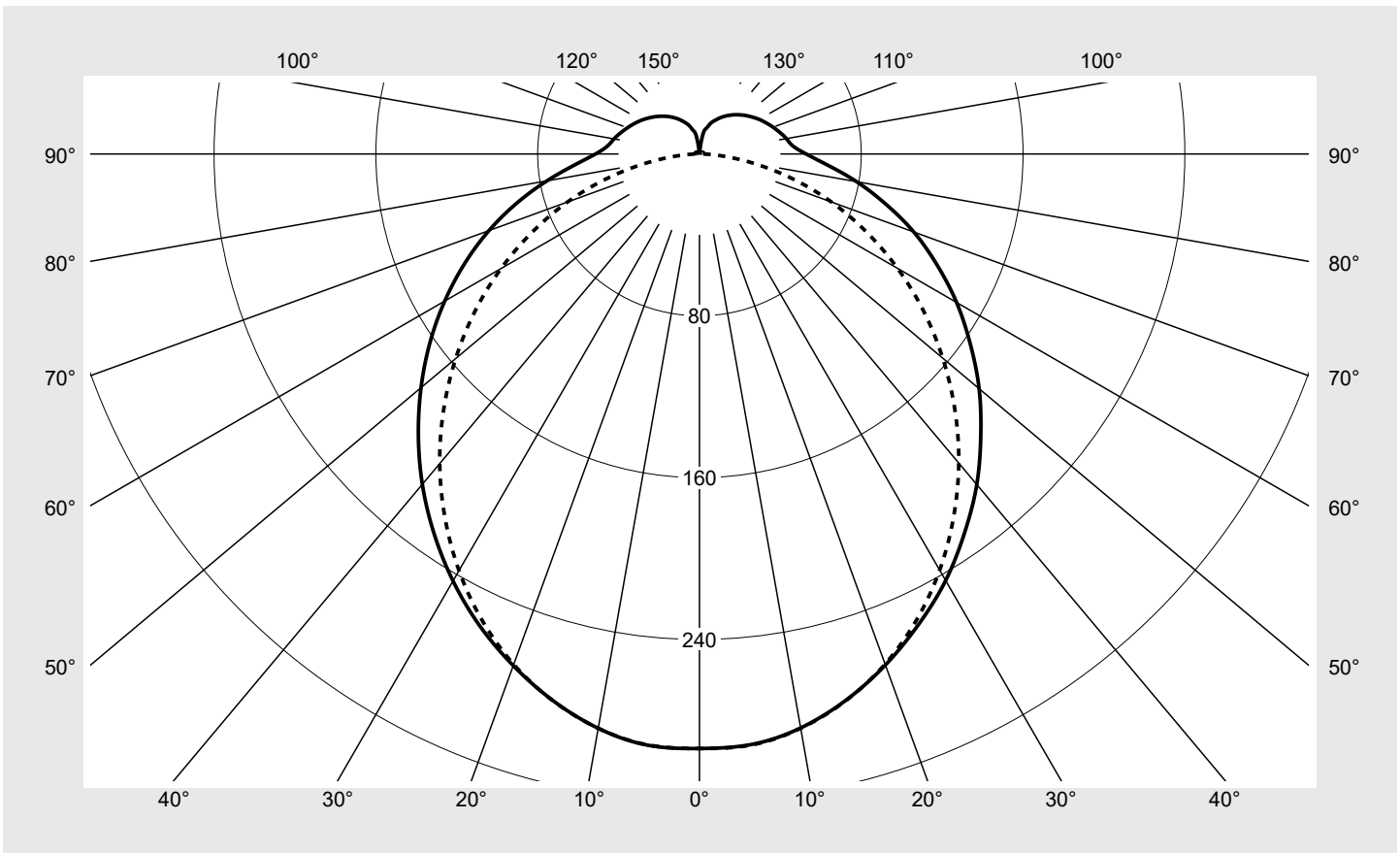
**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 294 cd/klm**



**Klassifizierungen**

DIN 5040 B 3 1  
CIE N1=44 N2=73 N3=91  
N4=87 N5=100

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  87,4%  
 $\phi_o$  12,6%

**Messbedingungen**

DIN EN 13032 und DIN 5032

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|   |   |                                      |
|---|---|--------------------------------------|
| <b>Familie</b><br><b>Licross® 21 Opal</b> | <b>Bestell-Nr.: 52TL1DCN485G</b><br><b>EAN: 4058352056790</b> | <b>LP-Nummer</b><br><b>59520_107</b> |
|---|---|--------------------------------------|

|  |                             |               |
|--|-----------------------------|---------------|
| <b>Wertetabelle Lichtstärkemessung</b> | <b>Maximale Lichtstärke</b> | <b>siteco</b> |
|--|-----------------------------|---------------|

| C-<br>Ebenen | 0°                    | 15°   | 30°   | 45°   | 60°   | 75°   | 90°   | 105°  | 120°  | 135°  | 150°  | 165°  | 180°  |
|--------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| $\gamma$     | Lichtstärke in cd/klm |       |       |       |       |       |       |       |       |       |       |       |       |
| 0°           | 293.9                 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 |
| 5°           | 293.1                 | 292.7 | 289.9 | 291.0 | 293.1 | 293.0 | 293.3 | 293.1 | 293.1 | 292.5 | 291.2 | 291.6 | 293.4 |
| 10°          | 288.1                 | 287.8 | 285.0 | 286.0 | 288.1 | 287.9 | 288.3 | 288.0 | 288.0 | 287.5 | 286.2 | 286.7 | 288.3 |
| 15°          | 279.6                 | 279.4 | 276.6 | 277.6 | 279.6 | 279.4 | 279.8 | 279.5 | 279.5 | 279.0 | 277.7 | 278.4 | 279.8 |
| 20°          | 268.8                 | 268.4 | 265.5 | 266.2 | 268.1 | 267.8 | 268.3 | 268.1 | 268.0 | 267.5 | 266.6 | 267.8 | 269.2 |
| 25°          | 256.5                 | 256.4 | 252.9 | 252.4 | 253.9 | 253.4 | 254.1 | 253.8 | 253.8 | 253.6 | 254.0 | 255.9 | 257.2 |
| 30°          | 243.5                 | 242.9 | 239.1 | 237.4 | 237.4 | 236.9 | 237.6 | 237.4 | 237.5 | 238.5 | 240.0 | 242.5 | 243.7 |
| 35°          | 228.6                 | 228.2 | 223.9 | 221.1 | 219.2 | 218.5 | 219.1 | 218.9 | 219.7 | 221.9 | 224.6 | 227.5 | 228.9 |
| 40°          | 213.3                 | 212.5 | 208.1 | 204.0 | 200.4 | 198.8 | 199.5 | 199.5 | 201.1 | 204.3 | 208.6 | 211.7 | 213.2 |
| 45°          | 196.7                 | 195.9 | 191.2 | 185.9 | 180.8 | 177.8 | 178.6 | 178.3 | 181.6 | 186.0 | 191.4 | 194.8 | 196.6 |
| 50°          | 180.5                 | 179.0 | 174.4 | 167.8 | 161.5 | 156.5 | 157.0 | 156.9 | 161.7 | 167.6 | 173.9 | 177.7 | 179.7 |
| 55°          | 163.4                 | 162.0 | 157.2 | 149.2 | 141.7 | 135.1 | 135.2 | 135.5 | 141.8 | 149.1 | 156.1 | 160.5 | 162.7 |
| 60°          | 146.8                 | 144.8 | 139.8 | 131.0 | 122.1 | 114.1 | 113.1 | 114.2 | 121.9 | 130.6 | 138.3 | 143.3 | 145.4 |
| 65°          | 129.6                 | 127.7 | 122.3 | 112.9 | 103.0 | 93.4  | 91.0  | 93.7  | 102.6 | 112.1 | 120.5 | 126.2 | 128.1 |
| 70°          | 112.8                 | 110.6 | 104.4 | 95.0  | 83.9  | 73.2  | 69.4  | 73.2  | 83.4  | 93.6  | 102.3 | 109.1 | 110.8 |
| 75°          | 95.2                  | 93.5  | 86.3  | 76.8  | 64.8  | 53.0  | 48.0  | 53.1  | 64.1  | 74.9  | 84.3  | 91.4  | 93.3  |
| 80°          | 78.9                  | 76.8  | 69.4  | 59.0  | 47.0  | 34.5  | 28.0  | 34.2  | 45.8  | 57.3  | 67.7  | 74.1  | 76.6  |
| 85°          | 63.7                  | 61.7  | 54.7  | 44.0  | 31.4  | 18.8  | 11.3  | 18.6  | 30.6  | 42.7  | 52.6  | 59.2  | 61.9  |
| 90°          | 52.7                  | 50.3  | 47.2  | 33.6  | 21.8  | 9.7   | 1.7   | 9.7   | 21.3  | 32.8  | 42.6  | 49.1  | 51.4  |
| 95°          | 46.3                  | 44.0  | 38.4  | 29.9  | 19.4  | 8.9   | 1.8   | 8.9   | 19.3  | 29.6  | 38.3  | 43.8  | 45.6  |
| 100°         | 43.6                  | 41.6  | 36.5  | 28.4  | 19.0  | 9.0   | 2.1   | 8.7   | 18.6  | 27.9  | 35.8  | 41.3  | 42.9  |
| 105°         | 41.1                  | 39.4  | 34.3  | 27.0  | 18.2  | 9.1   | 2.1   | 8.8   | 17.9  | 26.7  | 33.7  | 38.6  | 40.4  |
| 110°         | 38.7                  | 36.7  | 32.3  | 25.7  | 17.6  | 9.2   | 2.0   | 8.7   | 17.0  | 25.1  | 31.7  | 36.0  | 37.9  |
| 115°         | 36.4                  | 34.4  | 30.4  | 24.3  | 17.0  | 9.3   | 1.9   | 8.8   | 16.4  | 23.6  | 29.8  | 33.7  | 35.5  |
| 120°         | 34.1                  | 32.2  | 28.7  | 23.1  | 16.5  | 9.4   | 1.8   | 8.8   | 15.7  | 22.3  | 27.9  | 31.4  | 33.2  |
| 125°         | 31.8                  | 30.1  | 26.8  | 21.8  | 15.8  | 9.4   | 1.6   | 8.8   | 15.0  | 21.0  | 26.0  | 29.2  | 30.9  |
| 130°         | 29.6                  | 27.9  | 25.1  | 20.7  | 15.3  | 9.5   | 1.4   | 8.7   | 14.3  | 19.7  | 24.1  | 27.1  | 28.6  |
| 135°         | 27.4                  | 25.8  | 23.3  | 19.5  | 14.6  | 8.1   | 1.3   | 7.6   | 13.7  | 18.5  | 22.3  | 24.9  | 26.4  |
| 140°         | 25.2                  | 23.7  | 21.6  | 18.3  | 13.6  | 7.0   | 1.3   | 6.4   | 12.7  | 17.1  | 20.5  | 22.8  | 24.2  |
| 145°         | 23.0                  | 21.6  | 19.8  | 16.6  | 12.1  | 6.4   | 1.2   | 5.9   | 11.1  | 15.6  | 18.8  | 20.7  | 21.9  |
| 150°         | 20.7                  | 19.6  | 18.1  | 14.3  | 11.0  | 6.2   | 1.3   | 6.0   | 9.5   | 13.3  | 16.9  | 18.6  | 19.6  |
| 155°         | 18.4                  | 17.4  | 15.6  | 12.5  | 8.2   | 5.5   | 1.3   | 5.2   | 7.5   | 11.1  | 14.5  | 16.4  | 17.3  |
| 160°         | 16.1                  | 15.3  | 12.6  | 10.0  | 7.9   | 5.1   | 1.4   | 4.6   | 6.8   | 7.9   | 11.7  | 14.3  | 14.9  |
| 165°         | 13.1                  | 12.1  | 8.6   | 7.8   | 8.1   | 5.4   | 1.4   | 4.8   | 6.9   | 7.0   | 6.9   | 11.2  | 12.1  |
| 170°         | 9.8                   | 7.7   | 7.3   | 8.0   | 6.5   | 2.9   | 1.4   | 2.2   | 5.4   | 6.7   | 6.3   | 6.6   | 8.9   |
| 175°         | 0.0                   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 180°         | 0.0                   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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|  |                             |               |
|--|-----------------------------|---------------|
| <b>Wertetabelle Lichtstärkemessung</b> | <b>Maximale Lichtstärke</b> | <b>siteco</b> |
|--|-----------------------------|---------------|

| C-<br>Ebenen | 195°                  | 210°  | 225°  | 240°  | 255°  | 270°  | 285°  | 300°  | 315°  | 330°  | 345°  | Phi-Zone             | Summe    |        |
|--------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|----------|--------|
|              |                       |       |       |       |       |       |       |       |       |       |       |                      | Phi-Zone |        |
| $\gamma$     | Lichtstärke in cd/klm |       |       |       |       |       |       |       |       |       |       | Lichtstrom in lm/klm |          |        |
| 0°           | 293.9                 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9                | 1.8      | 1.8    |
| 5°           | 292.9                 | 289.8 | 290.9 | 292.8 | 292.8 | 293.2 | 292.8 | 292.9 | 292.3 | 291.2 | 292.0 | 292.0                | 14.0     | 15.7   |
| 10°          | 288.0                 | 285.0 | 285.8 | 287.9 | 287.8 | 288.3 | 287.9 | 288.0 | 287.3 | 286.3 | 287.0 | 287.0                | 27.3     | 43.1   |
| 15°          | 279.5                 | 276.7 | 277.5 | 279.4 | 279.4 | 279.9 | 279.5 | 279.5 | 278.9 | 277.9 | 279.0 | 279.0                | 39.6     | 82.6   |
| 20°          | 268.9                 | 265.7 | 266.2 | 268.0 | 267.9 | 268.5 | 268.2 | 268.1 | 267.5 | 266.6 | 267.7 | 267.7                | 50.2     | 132.8  |
| 25°          | 256.9                 | 253.4 | 252.5 | 253.8 | 253.6 | 254.3 | 254.0 | 254.0 | 253.5 | 253.8 | 256.1 | 256.1                | 58.9     | 191.7  |
| 30°          | 243.4                 | 239.6 | 237.7 | 237.4 | 237.1 | 237.8 | 237.6 | 237.8 | 238.3 | 239.7 | 242.3 | 242.3                | 65.6     | 257.3  |
| 35°          | 228.5                 | 224.4 | 221.4 | 219.4 | 218.7 | 219.4 | 219.3 | 219.8 | 221.8 | 224.6 | 228.0 | 228.0                | 70.0     | 327.3  |
| 40°          | 212.7                 | 208.2 | 204.2 | 200.7 | 198.9 | 199.8 | 199.8 | 201.1 | 204.3 | 208.6 | 211.9 | 211.9                | 72.3     | 399.6  |
| 45°          | 195.8                 | 191.1 | 185.9 | 181.0 | 177.8 | 178.9 | 178.7 | 181.7 | 186.2 | 191.6 | 195.6 | 195.6                | 72.3     | 472.0  |
| 50°          | 178.6                 | 174.0 | 167.6 | 161.4 | 156.5 | 157.3 | 157.3 | 162.0 | 168.0 | 174.3 | 178.3 | 178.3                | 70.5     | 542.5  |
| 55°          | 161.2                 | 156.5 | 148.8 | 141.5 | 135.3 | 135.5 | 135.8 | 142.2 | 149.7 | 156.9 | 161.8 | 161.8                | 66.9     | 609.4  |
| 60°          | 143.7                 | 138.7 | 130.1 | 121.6 | 114.2 | 113.3 | 114.6 | 122.5 | 131.3 | 139.3 | 144.4 | 144.4                | 61.7     | 671.1  |
| 65°          | 126.5                 | 121.0 | 111.8 | 102.3 | 93.3  | 91.1  | 94.0  | 103.2 | 113.1 | 121.8 | 128.0 | 128.0                | 55.2     | 726.3  |
| 70°          | 109.1                 | 102.8 | 93.5  | 83.0  | 72.9  | 69.4  | 73.6  | 84.1  | 94.6  | 103.5 | 110.4 | 110.4                | 47.6     | 773.9  |
| 75°          | 91.6                  | 84.7  | 75.4  | 63.7  | 52.5  | 47.9  | 53.5  | 65.0  | 76.2  | 85.9  | 93.4  | 93.4                 | 39.0     | 812.9  |
| 80°          | 74.9                  | 67.7  | 57.5  | 45.8  | 33.9  | 27.9  | 34.5  | 46.6  | 58.5  | 69.1  | 75.6  | 75.6                 | 30.2     | 843.1  |
| 85°          | 59.9                  | 53.1  | 42.6  | 30.4  | 18.3  | 11.1  | 18.9  | 31.3  | 43.7  | 53.8  | 61.1  | 61.1                 | 22.2     | 865.3  |
| 90°          | 49.1                  | 42.6  | 32.8  | 21.3  | 9.6   | 1.7   | 9.7   | 21.6  | 33.2  | 43.3  | 50.0  | 50.0                 | 16.9     | 882.1  |
| 95°          | 43.4                  | 38.0  | 29.6  | 19.2  | 8.8   | 1.8   | 8.9   | 19.4  | 29.7  | 38.6  | 44.5  | 44.5                 | 14.9     | 897.1  |
| 100°         | 41.0                  | 35.9  | 27.9  | 18.7  | 8.8   | 2.1   | 8.9   | 18.7  | 28.1  | 36.1  | 41.8  | 41.8                 | 14.0     | 911.1  |
| 105°         | 38.7                  | 33.7  | 26.5  | 17.8  | 8.7   | 2.1   | 9.0   | 18.1  | 27.0  | 34.2  | 39.3  | 39.3                 | 13.1     | 924.2  |
| 110°         | 35.9                  | 31.6  | 25.0  | 17.1  | 8.8   | 2.0   | 9.1   | 17.4  | 25.5  | 32.1  | 36.6  | 36.6                 | 12.0     | 936.2  |
| 115°         | 33.6                  | 29.7  | 23.6  | 16.4  | 8.7   | 1.9   | 9.3   | 16.9  | 24.2  | 30.4  | 34.4  | 34.4                 | 11.0     | 947.2  |
| 120°         | 31.4                  | 27.9  | 22.4  | 15.7  | 8.8   | 1.8   | 9.3   | 16.2  | 22.9  | 28.6  | 32.2  | 32.2                 | 9.9      | 957.1  |
| 125°         | 29.2                  | 26.0  | 21.1  | 15.0  | 8.7   | 1.6   | 9.4   | 15.7  | 21.7  | 26.8  | 30.1  | 30.1                 | 8.9      | 966.0  |
| 130°         | 27.0                  | 24.2  | 19.8  | 14.4  | 8.7   | 1.4   | 9.4   | 15.1  | 20.5  | 24.9  | 27.8  | 27.8                 | 7.8      | 973.7  |
| 135°         | 24.9                  | 22.4  | 18.6  | 13.7  | 7.3   | 1.3   | 8.2   | 14.6  | 19.3  | 23.2  | 25.8  | 25.8                 | 6.7      | 980.4  |
| 140°         | 22.7                  | 20.6  | 17.3  | 12.7  | 6.4   | 1.3   | 7.0   | 13.5  | 18.0  | 21.5  | 23.6  | 23.6                 | 5.6      | 986.0  |
| 145°         | 20.6                  | 18.9  | 15.7  | 11.3  | 5.8   | 1.2   | 6.5   | 12.0  | 15.8  | 19.8  | 21.6  | 21.6                 | 4.5      | 990.5  |
| 150°         | 18.5                  | 17.0  | 13.4  | 10.2  | 6.1   | 1.3   | 6.3   | 10.3  | 14.2  | 17.9  | 19.5  | 19.5                 | 3.5      | 994.0  |
| 155°         | 16.4                  | 14.6  | 11.8  | 7.5   | 4.9   | 1.3   | 5.8   | 8.1   | 12.0  | 15.5  | 17.4  | 17.4                 | 2.6      | 996.6  |
| 160°         | 14.2                  | 11.8  | 9.1   | 7.1   | 4.6   | 1.4   | 5.2   | 7.3   | 8.7   | 12.7  | 15.3  | 15.3                 | 1.8      | 998.3  |
| 165°         | 11.1                  | 8.0   | 7.1   | 7.6   | 4.8   | 1.4   | 5.5   | 7.3   | 7.6   | 7.6   | 12.0  | 12.0                 | 1.1      | 999.4  |
| 170°         | 6.9                   | 7.3   | 7.0   | 5.8   | 2.1   | 1.4   | 3.1   | 6.1   | 7.5   | 6.2   | 7.2   | 7.2                  | 0.6      | 1000.0 |
| 175°         | 0.0                   | 0.0   | 0.0   | 0.0   | 0.0   | 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   | 0.0   | 0.0   | 0.0   | 0.0                  | 0.0      | 1000.0 |

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

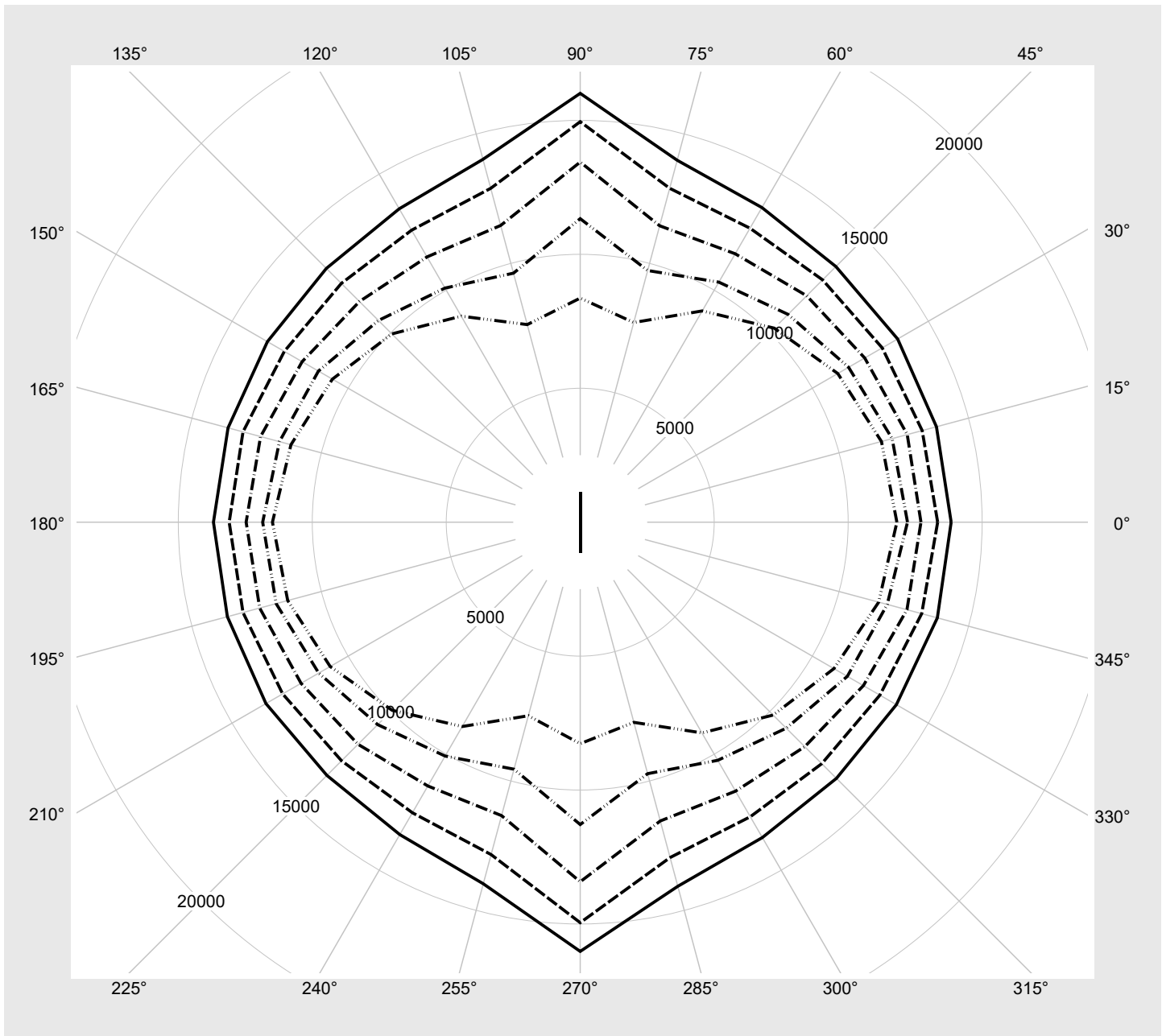
| UGR-Tabelle     |     | Standardraum                        |      |      |      |      |                                       |      |      |      |      |
|-----------------|-----|-------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
|                 |     | Blickrichtung quer zur Leuchte (C0) |      |      |      |      | Blickrichtung längs zur Leuchte (C90) |      |      |      |      |
| Raumabmessungen |     |                                     |      |      |      |      |                                       |      |      |      |      |
| x               | y   |                                     |      |      |      |      |                                       |      |      |      |      |
| 2H              | 2H  | 21,3                                | 22,9 | 21,8 | 23,3 | 23,8 | 21,0                                  | 22,5 | 21,4 | 23,0 | 23,5 |
|                 | 3H  | 23,3                                | 24,7 | 23,7 | 25,1 | 25,7 | 22,5                                  | 24,0 | 23,0 | 24,4 | 24,9 |
|                 | 4H  | 24,1                                | 25,4 | 24,6 | 25,9 | 26,4 | 23,0                                  | 24,4 | 23,6 | 24,9 | 25,4 |
|                 | 6H  | 24,8                                | 26,0 | 25,4 | 26,6 | 27,2 | 23,4                                  | 24,6 | 23,9 | 25,2 | 25,8 |
|                 | 8H  | 25,2                                | 26,4 | 25,8 | 26,9 | 27,5 | 23,6                                  | 24,7 | 24,1 | 25,3 | 25,9 |
|                 | 12H | 25,5                                | 26,6 | 26,1 | 27,2 | 27,8 | 23,6                                  | 24,7 | 24,1 | 25,2 | 25,9 |
| 4H              | 2H  | 22,0                                | 23,3 | 22,5 | 23,8 | 24,4 | 21,7                                  | 23,0 | 22,2 | 23,5 | 24,1 |
|                 | 3H  | 24,0                                | 25,2 | 24,6 | 25,7 | 26,3 | 23,4                                  | 24,5 | 23,9 | 25,0 | 25,6 |
|                 | 4H  | 25,1                                | 26,1 | 25,6 | 26,6 | 27,3 | 24,1                                  | 25,1 | 24,6 | 25,6 | 26,3 |
|                 | 6H  | 26,0                                | 26,9 | 26,6 | 27,5 | 28,2 | 24,5                                  | 25,4 | 25,1 | 26,0 | 26,7 |
|                 | 8H  | 26,5                                | 27,3 | 27,1 | 27,9 | 28,6 | 24,7                                  | 25,6 | 25,3 | 26,2 | 26,8 |
|                 | 12H | 26,9                                | 27,6 | 27,5 | 28,2 | 28,9 | 24,8                                  | 25,5 | 25,4 | 26,2 | 26,9 |
| 8H              | 4H  | 25,4                                | 26,2 | 26,0 | 26,8 | 27,5 | 24,5                                  | 25,3 | 25,1 | 25,9 | 26,6 |
|                 | 6H  | 26,5                                | 27,2 | 27,1 | 27,8 | 28,6 | 25,1                                  | 25,8 | 25,8 | 26,5 | 27,2 |
|                 | 8H  | 27,1                                | 27,7 | 27,7 | 28,3 | 29,1 | 25,4                                  | 26,0 | 26,0 | 26,7 | 27,4 |
|                 | 12H | 27,6                                | 28,2 | 28,3 | 28,8 | 29,6 | 25,5                                  | 26,1 | 26,2 | 26,7 | 27,5 |
| 12H             | 4H  | 25,3                                | 26,1 | 26,0 | 26,7 | 27,4 | 24,5                                  | 25,2 | 25,1 | 25,8 | 26,6 |
|                 | 6H  | 26,5                                | 27,1 | 27,2 | 27,8 | 28,6 | 25,3                                  | 25,8 | 25,9 | 26,5 | 27,3 |
|                 | 8H  | 27,2                                | 27,7 | 27,9 | 28,4 | 29,2 | 25,6                                  | 26,1 | 26,2 | 26,8 | 27,5 |

| Leuchtdichten-Tabelle |          | Max. für $\gamma \geq 65^\circ$   |         |         |         |         |         |         |         |         |         |         |         |
|-----------------------|----------|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                       |          | Lichttechnische Abmessungen in mm: L = 1500 B = 76 H(C0) = 25 H(C90) = 25 H(C180) = 25 H(C270) = 25 |         |         |         |         |         |         |         |         |         |         |         |
| C-Ebenen              | $\gamma$ | 0°  | 30°     | 60°     | 90°     | 120°    | 150°    | 180°    | 210°    | 240°    | 270°    | 300°    | 330°    |
|                       |          | Leuchtdichte in cd/m²   |         |         |         |         |         |         |         |         |         |         |         |
| 45°                   |          | 16123.1   | 16104.7 | 16708.0 | 19131.2 | 16775.3 | 16118.4 | 16109.9 | 16097.9 | 16723.0 | 19165.9 | 16782.8 | 16138.8 |
| 50°                   |          | 15538.0   | 15481.7 | 15947.6 | 18447.5 | 15971.7 | 15438.5 | 15468.3 | 15445.7 | 15939.6 | 18485.6 | 15995.7 | 15474.5 |
| 55°                   |          | 14929.8   | 14876.4 | 15155.6 | 17735.5 | 15164.3 | 14776.8 | 14863.2 | 14807.4 | 15138.3 | 17767.3 | 15207.6 | 14853.4 |
| 60°                   |          | 14406.2   | 14277.6 | 14358.5 | 16933.6 | 14339.4 | 14128.6 | 14271.1 | 14169.9 | 14301.3 | 16957.9 | 14406.1 | 14227.9 |
| 65°                   |          | 13844.0   | 13679.5 | 13563.1 | 16009.4 | 13509.7 | 13480.0 | 13688.1 | 13543.5 | 13467.1 | 16023.6 | 13595.1 | 13625.1 |
| 70°                   |          | 13340.3   | 13014.9 | 12672.6 | 14951.3 | 12587.0 | 12752.1 | 13100.8 | 12822.8 | 12525.9 | 14951.3 | 12697.1 | 12913.9 |
| 75°                   |          | 12717.1   | 12260.7 | 11570.0 | 13444.3 | 11435.7 | 11984.3 | 12468.2 | 12030.4 | 11372.0 | 13423.8 | 11594.6 | 12203.2 |
| 80°                   |          | 12214.5   | 11565.2 | 10347.4 | 11330.5 | 10092.2 | 11281.9 | 11850.8 | 11268.4 | 10081.7 | 11287.5 | 10265.3 | 11511.2 |
| 85°                   |          | 11818.4   | 11099.9 | 9106.9  | 8365.4  | 8881.1  | 10680.3 | 11486.0 | 10775.8 | 8808.3  | 8269.7  | 9083.4  | 10933.5 |

### Lichttechnischer Prüfbefund

|   |   |                                      |
|---|---|--------------------------------------|
| <b>Familie</b><br><b>Licross® 21 Opal</b> | <b>Bestell-Nr.: 52TL1DCN485G</b><br><b>EAN: 4058352056790</b> | <b>LP-Nummer</b><br><b>59520_107</b> |
|---|---|--------------------------------------|

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



## Lichttechnischer Prüfbefund

|                                    |   |                                      |
|------------------------------------|---|--------------------------------------|
| <b>Familie</b><br>Licross® 21 Opal | <b>Bestell-Nr.: 52TL1DCN485G</b><br><b>EAN: 4058352056790</b> | <b>LP-Nummer</b><br><b>59520_107</b> |
|------------------------------------|---|--------------------------------------|

|                           |                           |               |
|---------------------------|---------------------------|---------------|
| <b>Multilumen-Tabelle</b> | Umgebungstemperatur: 25°C | <b>siteco</b> |
|---------------------------|---------------------------|---------------|

| DIP-Stufe | Schalterstellung |   |   | Lichtstrom<br>[lm] | Systemleistung<br>[W] | Systemleistung [W]<br>Lebensdauerende | Systemleistung [W]<br>Durchschnitt |
|-----------|------------------|---|---|--------------------|-----------------------|---------------------------------------|------------------------------------|
|           | 1                | 2 | 3 |                    |                       |                                       |                                    |
| 1         | A                | C | E | 8780               | 49.9                  | 60.5                                  | 55.2                               |
| 2         | A                | C | F | 8360               | 47.3                  | 56.9                                  | 52.1                               |
| 3         | A                | D | E | 7866               | 44.4                  | 53.4                                  | 48.9                               |
| 4         | A                | D | F | 7362               | 41.4                  | 49.5                                  | 45.4                               |
| 5         | B                | C | E | 6858               | 38.4                  | 45.6                                  | 42.0                               |
| 6         | B                | C | F | 6343               | 35.3                  | 42.2                                  | 38.8                               |
| 7         | B                | D | E | 5902               | 32.8                  | 39.2                                  | 36.0                               |
| 8         | B                | D | F | 5388               | 29.9                  | 35.3                                  | 32.6                               |