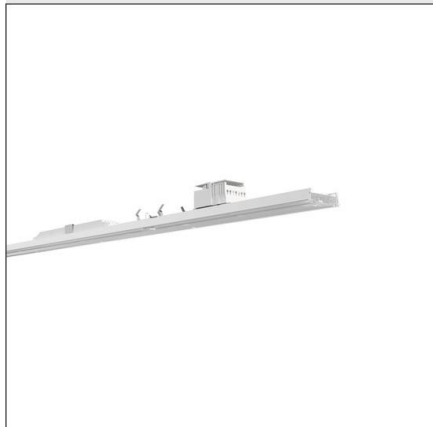


## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 11 Recessed**

**Bestell-Nr.: 51TL12DN4DXLD**  
**EAN: 4058352418192**

**LP-Nummer**  
**58689\_19**



**Ausführung** Abdeckung satiniert, breit strahlend, hoher Sehkomfort

**Bestückung** LED 4000 K | CRI ≥ 80

**Betriebsgerät** EVG-DALI

**Einstellung** DC Betrieb (Zentral- / Gruppenakku) Initiales Notlichtlevel

**Bemessungswerte** Nettolichtstrom = 2020 lm  
Systemleistung = 13.0 W  
Lichtausbeute = 155.4 lm/W

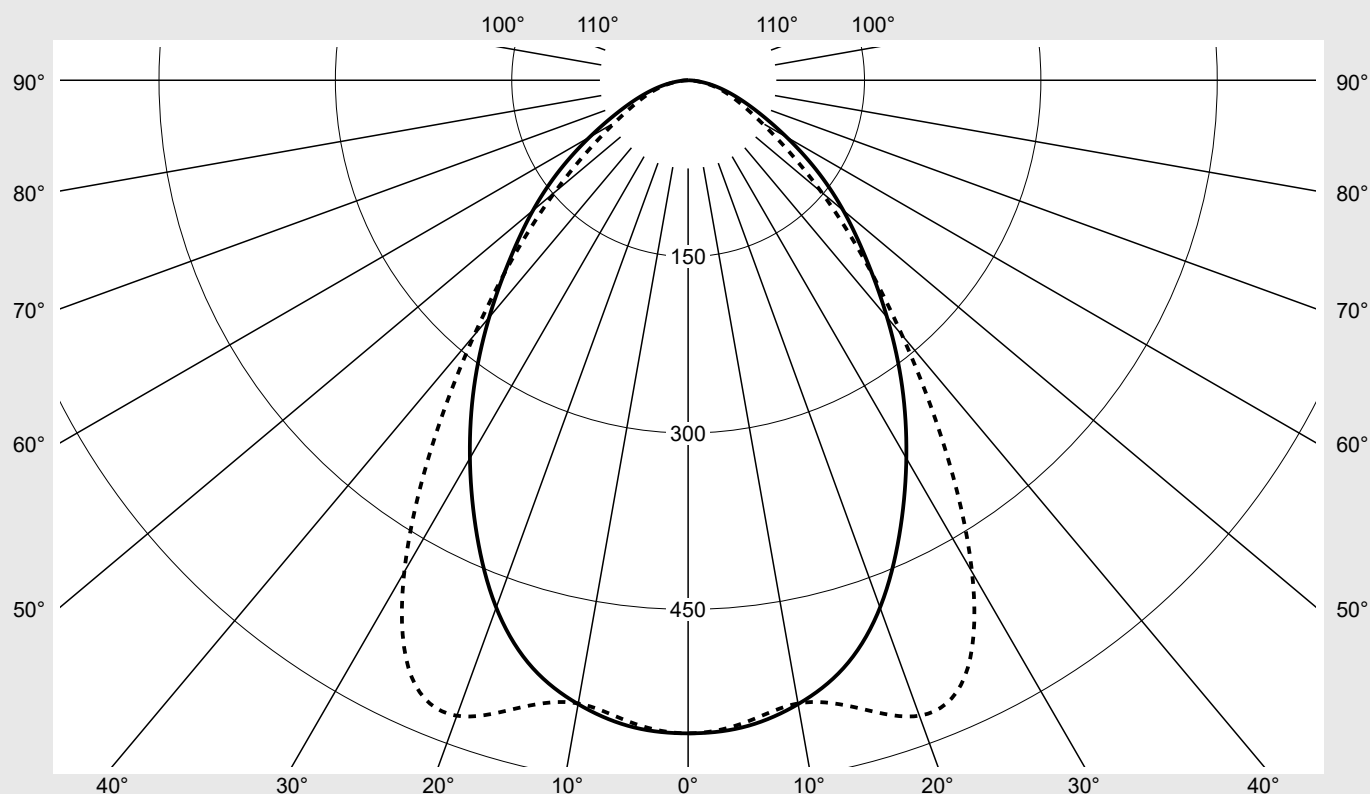
**Seriendokumentation**  
**26.08.2020**

**siteco**

**Lichtstärke in cd/klm**

**C180-0** **C270-90**

**Imax: 575 cd/klm**



**Klassifizierungen**

DIN 5040 A 5 0  
CIE N1=66 N2=91 N3=98  
N4=100 N5=100

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

**Messbedingungen**

DIN EN 13032 und DIN 5032

## Lichttechnischer Prüfbefund

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Familie</b><br><b>Licross® 11 Recessed</b> | <b>Bestell-Nr.: 51TL12DN4DXLD</b><br><b>EAN: 4058352418192</b> | <b>LP-Nummer</b><br><b>58689_19</b> |
| <b>Wertetabelle Lichtstärkemessung</b>        |  | <b>Maximale Lichtstärke</b>         |
|   |  | <b>sITeco</b>                       |

| C-<br>Ebenen          | 0°<br>180° | 15°                  | 30°                  | 45°                  | 60°                  | 75°                  | 90°<br>270° | Phi-Zone             | Summe<br>Phi-Zone |
|-----------------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------------|
|                       |            | 165°<br>195°<br>345° | 150°<br>210°<br>330° | 135°<br>225°<br>315° | 120°<br>240°<br>300° | 105°<br>255°<br>285° |             |                      |                   |
| Lichtstärke in cd/klm |            |                      |                      |                      |                      |                      |             | Lichtstrom in lm/klm |                   |
| γ                     |            |                      |                      |                      |                      |                      |             |                      |                   |
| 0°                    | 555.4      | 555.4                | 555.4                | 555.4                | 555.4                | 555.4                | 555.4       | 3.3                  | 3.3               |
| 5°                    | 551.9      | 549.3                | 545.0                | 546.0                | 548.1                | 548.0                | 548.5       | 26.2                 | 29.5              |
| 10°                   | 538.7      | 535.0                | 528.7                | 529.1                | 532.7                | 535.9                | 538.2       | 50.8                 | 80.3              |
| 15°                   | 515.9      | 510.9                | 504.6                | 513.1                | 530.5                | 544.7                | 552.3       | 74.2                 | 154.5             |
| 20°                   | 477.2      | 471.4                | 470.1                | 497.6                | 537.0                | 563.7                | 575.1       | 95.8                 | 250.2             |
| 25°                   | 425.5      | 419.5                | 426.9                | 469.4                | 521.2                | 548.6                | 558.0       | 111.1                | 361.3             |
| 30°                   | 371.2      | 364.3                | 378.4                | 421.3                | 459.9                | 477.2                | 482.9       | 115.5                | 476.8             |
| 35°                   | 317.2      | 309.8                | 328.6                | 357.7                | 367.8                | 374.7                | 379.7       | 109.4                | 586.2             |
| 40°                   | 263.2      | 255.5                | 280.4                | 291.4                | 277.2                | 277.7                | 283.1       | 97.2                 | 683.4             |
| 45°                   | 213.7      | 204.0                | 230.1                | 230.5                | 202.8                | 200.2                | 207.0       | 82.5                 | 765.9             |
| 50°                   | 172.3      | 160.2                | 177.2                | 176.6                | 149.6                | 143.3                | 148.0       | 67.7                 | 833.6             |
| 55°                   | 133.3      | 121.6                | 126.4                | 129.1                | 111.8                | 101.0                | 103.0       | 53.0                 | 886.6             |
| 60°                   | 96.7       | 87.9                 | 85.2                 | 90.2                 | 83.1                 | 71.0                 | 72.1        | 39.7                 | 926.3             |
| 65°                   | 67.7       | 61.0                 | 56.3                 | 61.1                 | 60.5                 | 50.8                 | 52.1        | 29.0                 | 955.3             |
| 70°                   | 46.9       | 41.7                 | 36.5                 | 40.2                 | 42.1                 | 36.4                 | 38.1        | 20.6                 | 975.8             |
| 75°                   | 30.9       | 26.7                 | 22.6                 | 25.0                 | 27.1                 | 24.7                 | 26.6        | 13.7                 | 989.5             |
| 80°                   | 17.8       | 14.8                 | 12.0                 | 13.1                 | 14.7                 | 14.1                 | 15.6        | 7.7                  | 997.1             |
| 85°                   | 6.6        | 5.4                  | 4.4                  | 4.8                  | 5.3                  | 5.4                  | 5.9         | 2.9                  | 1000.0            |
| 90°                   | 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            |

## Lichttechnischer Prüfbefund

|  |  |                              |
|--|--|------------------------------|
| <b>Familie</b><br>Licross® 11 Recessed | <b>Bestell-Nr.: 51TL12DN4DXLD</b><br><b>EAN: 4058352418192</b> | <b>LP-Nummer</b><br>58689_19 |
|--|--|------------------------------|

| UGR-Tabelle     |     | Standardraum                        |      |      |      |      |                                       |      |      |      |      |
|-----------------|-----|-------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
| Raumabmessungen |     | Blickrichtung quer zur Leuchte (C0) |      |      |      |      | Blickrichtung längs zur Leuchte (C90) |      |      |      |      |
| x               | y   |                                     |      |      |      |      |                                       |      |      |      |      |
| 2H              | 2H  | 17,3                                | 18,8 | 17,7 | 19,1 | 19,4 | 16,8                                  | 18,3 | 17,1 | 18,6 | 18,9 |
|                 | 3H  | 18,1                                | 19,4 | 18,4 | 19,7 | 20,1 | 17,4                                  | 18,7 | 17,8 | 19,0 | 19,4 |
|                 | 4H  | 18,3                                | 19,6 | 18,7 | 19,9 | 20,3 | 17,6                                  | 18,9 | 18,0 | 19,2 | 19,6 |
|                 | 6H  | 18,6                                | 19,7 | 19,0 | 20,1 | 20,5 | 17,9                                  | 19,0 | 18,3 | 19,3 | 19,7 |
|                 | 8H  | 18,7                                | 19,7 | 19,1 | 20,1 | 20,5 | 18,0                                  | 19,0 | 18,4 | 19,4 | 19,8 |
|                 | 12H | 18,7                                | 19,7 | 19,2 | 20,1 | 20,5 | 18,0                                  | 19,0 | 18,4 | 19,4 | 19,8 |
| 4H              | 2H  | 17,7                                | 18,9 | 18,0 | 19,2 | 19,6 | 17,2                                  | 18,5 | 17,6 | 18,8 | 19,2 |
|                 | 3H  | 18,5                                | 19,5 | 18,9 | 19,9 | 20,3 | 18,0                                  | 19,0 | 18,4 | 19,4 | 19,8 |
|                 | 4H  | 18,8                                | 19,7 | 19,3 | 20,2 | 20,6 | 18,3                                  | 19,3 | 18,8 | 19,7 | 20,1 |
|                 | 6H  | 19,1                                | 19,9 | 19,6 | 20,3 | 20,8 | 18,6                                  | 19,4 | 19,1 | 19,8 | 20,3 |
|                 | 8H  | 19,2                                | 19,9 | 19,7 | 20,4 | 20,9 | 18,7                                  | 19,4 | 19,2 | 19,9 | 20,4 |
|                 | 12H | 19,3                                | 19,9 | 19,8 | 20,4 | 20,9 | 18,8                                  | 19,4 | 19,3 | 19,9 | 20,4 |
| 8H              | 4H  | 18,9                                | 19,6 | 19,4 | 20,1 | 20,6 | 18,5                                  | 19,2 | 18,9 | 19,6 | 20,1 |
|                 | 6H  | 19,2                                | 19,8 | 19,7 | 20,3 | 20,8 | 18,8                                  | 19,4 | 19,3 | 19,9 | 20,4 |
|                 | 8H  | 19,4                                | 19,9 | 19,9 | 20,4 | 20,9 | 18,9                                  | 19,5 | 19,5 | 20,0 | 20,5 |
|                 | 12H | 19,5                                | 19,9 | 20,0 | 20,4 | 20,9 | 19,0                                  | 19,5 | 19,6 | 20,0 | 20,5 |
| 12H             | 4H  | 18,9                                | 19,6 | 19,4 | 20,0 | 20,5 | 18,5                                  | 19,1 | 19,0 | 19,6 | 20,1 |
|                 | 6H  | 19,3                                | 19,8 | 19,8 | 20,2 | 20,8 | 18,8                                  | 19,3 | 19,4 | 19,8 | 20,4 |
|                 | 8H  | 19,4                                | 19,8 | 19,9 | 20,3 | 20,9 | 19,0                                  | 19,4 | 19,5 | 19,9 | 20,5 |

## Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: L = 1500, B = 58

| C-Ebenen | $\gamma$ | Leuchtdichte in cd/m <sup>2</sup> |                             |                             |                             |                             |                             |             |
|----------|----------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
|          |          | 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° |
| 45°      | 7017.2   | 6698.1                            | 7554.2                      | 7567.4                      | 6659.6                      | 6572.9                      | 6798.1                      |             |
| 50°      | 6222.6   | 5788.2                            | 6401.4                      | 6380.2                      | 5404.1                      | 5176.2                      | 5345.8                      |             |
| 55°      | 5397.1   | 4920.6                            | 5115.1                      | 5224.9                      | 4524.6                      | 4089.7                      | 4169.5                      |             |
| 60°      | 4489.2   | 4080.7                            | 3957.8                      | 4187.6                      | 3860.4                      | 3297.4                      | 3346.3                      |             |
| 65°      | 3718.5   | 3352.8                            | 3094.6                      | 3354.8                      | 3325.2                      | 2793.2                      | 2860.3                      |             |
| 70°      | 3182.8   | 2833.8                            | 2478.6                      | 2730.5                      | 2858.7                      | 2472.6                      | 2586.9                      |             |
| 75°      | 2775.1   | 2392.4                            | 2024.7                      | 2238.5                      | 2429.0                      | 2212.9                      | 2384.2                      |             |
| 80°      | 2376.0   | 1974.0                            | 1601.3                      | 1758.1                      | 1959.6                      | 1890.5                      | 2086.7                      |             |
| 85°      | 1756.4   | 1438.8                            | 1170.3                      | 1271.0                      | 1405.8                      | 1430.0                      | 1564.8                      |             |

**Lichttechnischer Prüfbefund**

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Familie</b><br><b>Licross® 11 Recessed</b> | <b>Bestell-Nr.: 51TL12DN4DXLD</b><br><b>EAN: 4058352418192</b> | <b>LP-Nummer</b><br><b>58689_19</b> |
|---|--|-------------------------------------|

**Leuchtdichten in cd/m<sup>2</sup>**

|              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ 65° | $\gamma$ 70° | $\gamma$ 75° | $\gamma$ 80° | $\gamma$ 85° |
|--------------|--------------|--------------|--------------|--------------|

**siteco**

