



Lichttechnischer Prüfbefund

|                                 |                                                 |                        |
|---------------------------------|-------------------------------------------------|------------------------|
| Familie<br>Licross® 21 Recessed | Bestell-Nr.: 52TL11DN68XG<br>EAN: 4069025289025 | LP-Nummer<br>58785_363 |
| Wertetabelle Lichtstärkemessung |                                                 | Maximale Lichtstärke   |
|                                 |                                                 | siteco                 |

| C-<br>Ebenen | 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             | Summe<br>Phi-Zone |
|--------------|-----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |                             |                             |                             |                             |                             |             | Lichtstrom in lm/klm |                   |
| 0°           | 2627.4                | 2627.4                      | 2627.4                      | 2627.4                      | 2627.4                      | 2627.4                      | 2627.4      | 15.7                 | 15.7              |
| 5°           | 2520.2                | 2503.8                      | 2487.8                      | 2499.1                      | 2508.6                      | 2505.8                      | 2505.2      | 119.6                | 135.3             |
| 10°          | 2060.7                | 2047.7                      | 2044.6                      | 2066.8                      | 2086.2                      | 2092.0                      | 2094.5      | 196.9                | 332.2             |
| 15°          | 1373.4                | 1369.0                      | 1375.7                      | 1399.2                      | 1421.9                      | 1432.7                      | 1437.2      | 198.7                | 530.9             |
| 20°          | 791.8                 | 790.8                       | 796.4                       | 808.8                       | 818.0                       | 819.0                       | 819.4       | 151.2                | 682.1             |
| 25°          | 418.1                 | 420.5                       | 425.4                       | 427.2                       | 423.4                       | 413.4                       | 409.3       | 97.4                 | 779.6             |
| 30°          | 215.7                 | 218.7                       | 224.8                       | 222.9                       | 213.7                       | 202.3                       | 197.8       | 58.9                 | 838.4             |
| 35°          | 112.4                 | 114.3                       | 119.3                       | 116.0                       | 107.4                       | 103.1                       | 102.4       | 35.0                 | 873.4             |
| 40°          | 70.3                  | 69.7                        | 69.6                        | 67.8                        | 65.2                        | 68.3                        | 71.3        | 24.2                 | 897.6             |
| 45°          | 52.4                  | 50.5                        | 46.9                        | 47.4                        | 48.4                        | 54.1                        | 61.4        | 19.6                 | 917.2             |
| 50°          | 46.4                  | 44.6                        | 38.1                        | 38.0                        | 38.3                        | 44.7                        | 54.3        | 17.8                 | 935.0             |
| 55°          | 42.3                  | 42.2                        | 36.7                        | 33.4                        | 32.3                        | 38.6                        | 47.1        | 17.1                 | 952.1             |
| 60°          | 32.7                  | 32.9                        | 34.3                        | 30.2                        | 28.0                        | 32.6                        | 38.2        | 15.3                 | 967.4             |
| 65°          | 23.6                  | 23.8                        | 26.4                        | 25.7                        | 24.0                        | 26.1                        | 29.3        | 12.6                 | 980.0             |
| 70°          | 15.1                  | 15.6                        | 18.2                        | 19.4                        | 18.6                        | 19.5                        | 20.9        | 9.4                  | 989.4             |
| 75°          | 8.3                   | 8.7                         | 10.8                        | 13.0                        | 12.9                        | 13.2                        | 13.7        | 6.1                  | 995.5             |
| 80°          | 4.0                   | 4.1                         | 5.0                         | 6.6                         | 7.3                         | 7.2                         | 7.2         | 3.2                  | 998.7             |
| 85°          | 1.6                   | 1.6                         | 1.9                         | 2.5                         | 2.6                         | 2.7                         | 2.5         | 1.2                  | 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            |

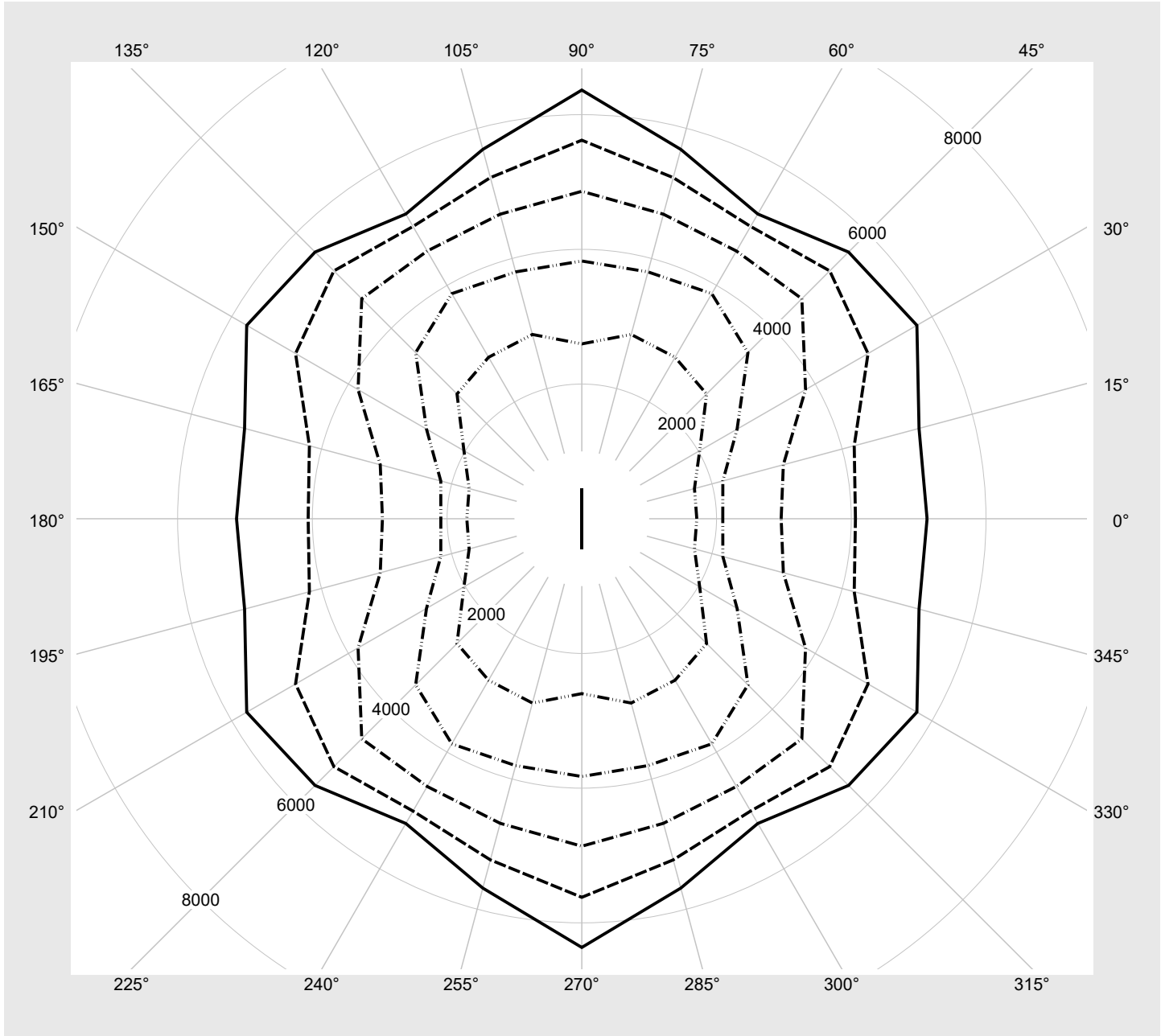
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|                                 |     |                                     |                                                 |      |      |      |                                       |      |                        |      |        |     |
|---------------------------------|-----|-------------------------------------|-------------------------------------------------|------|------|------|---------------------------------------|------|------------------------|------|--------|-----|
| Familie<br>Licross® 21 Recessed |     |                                     | Bestell-Nr.: 52TL11DN68XG<br>EAN: 4069025289025 |      |      |      |                                       |      | LP-Nummer<br>58785_363 |      |        |     |
| UGR-Tabelle                     |     |                                     |                                                 |      |      |      |                                       |      | Standardraum           |      | siteco |     |
| Reflexionsgrad Decke            |     | 0,7                                 | 0,7                                             | 0,5  | 0,5  | 0,3  | 0,7                                   | 0,7  | 0,5                    | 0,5  |        | 0,3 |
| Reflexionsgrad Wände            |     | 0,5                                 | 0,3                                             | 0,5  | 0,3  | 0,3  | 0,5                                   | 0,3  | 0,5                    | 0,3  |        | 0,3 |
| Reflexionsgrad Boden            |     | 0,2                                 | 0,2                                             | 0,2  | 0,2  | 0,2  | 0,2                                   | 0,2  | 0,2                    | 0,2  |        | 0,2 |
| Raumabmessungen                 |     | Blickrichtung quer zur Leuchte (C0) |                                                 |      |      |      | Blickrichtung längs zur Leuchte (C90) |      |                        |      |        |     |
| x                               | y   |                                     |                                                 |      |      |      |                                       |      |                        |      |        |     |
| 2H                              | 2H  | 14,6                                | 15,7                                            | 14,9 | 16,0 | 16,3 | 14,5                                  | 15,6 | 14,9                   | 15,9 | 16,3   |     |
|                                 | 3H  | 15,5                                | 16,5                                            | 15,9 | 16,8 | 17,2 | 15,9                                  | 16,9 | 16,3                   | 17,2 | 17,6   |     |
|                                 | 4H  | 15,7                                | 16,6                                            | 16,1 | 17,0 | 17,4 | 16,4                                  | 17,3 | 16,8                   | 17,7 | 18,1   |     |
|                                 | 6H  | 15,9                                | 16,6                                            | 16,3 | 17,0 | 17,4 | 16,8                                  | 17,6 | 17,2                   | 17,9 | 18,3   |     |
|                                 | 8H  | 15,9                                | 16,6                                            | 16,4 | 17,0 | 17,4 | 17,0                                  | 17,6 | 17,4                   | 18,0 | 18,4   |     |
|                                 | 12H | 15,9                                | 16,5                                            | 16,4 | 16,9 | 17,3 | 17,0                                  | 17,6 | 17,4                   | 18,0 | 18,4   |     |
| 4H                              | 2H  | 15,1                                | 16,0                                            | 15,5 | 16,3 | 16,7 | 15,0                                  | 15,9 | 15,4                   | 16,3 | 16,6   |     |
|                                 | 3H  | 16,2                                | 17,0                                            | 16,6 | 17,3 | 17,8 | 16,6                                  | 17,3 | 17,0                   | 17,7 | 18,1   |     |
|                                 | 4H  | 16,5                                | 17,2                                            | 16,9 | 17,6 | 18,0 | 17,2                                  | 17,8 | 17,6                   | 18,2 | 18,7   |     |
|                                 | 6H  | 16,6                                | 17,2                                            | 17,1 | 17,6 | 18,1 | 17,6                                  | 18,1 | 18,1                   | 18,6 | 19,1   |     |
|                                 | 8H  | 16,7                                | 17,1                                            | 17,1 | 17,6 | 18,1 | 17,7                                  | 18,2 | 18,2                   | 18,6 | 19,1   |     |
|                                 | 12H | 16,7                                | 17,1                                            | 17,2 | 17,5 | 18,1 | 17,8                                  | 18,2 | 18,3                   | 18,6 | 19,1   |     |
| 8H                              | 4H  | 16,8                                | 17,2                                            | 17,2 | 17,7 | 18,2 | 17,4                                  | 17,8 | 17,8                   | 18,3 | 18,8   |     |
|                                 | 6H  | 16,9                                | 17,3                                            | 17,4 | 17,8 | 18,3 | 17,9                                  | 18,3 | 18,4                   | 18,7 | 19,3   |     |
|                                 | 8H  | 16,9                                | 17,3                                            | 17,5 | 17,8 | 18,3 | 18,0                                  | 18,4 | 18,5                   | 18,9 | 19,4   |     |
|                                 | 12H | 17,0                                | 17,3                                            | 17,5 | 17,8 | 18,3 | 18,1                                  | 18,4 | 18,7                   | 18,9 | 19,4   |     |
| 12H                             | 4H  | 16,8                                | 17,2                                            | 17,3 | 17,6 | 18,1 | 17,4                                  | 17,8 | 17,9                   | 18,2 | 18,7   |     |
|                                 | 6H  | 17,0                                | 17,3                                            | 17,5 | 17,8 | 18,3 | 17,9                                  | 18,2 | 18,4                   | 18,7 | 19,2   |     |
|                                 | 8H  | 17,0                                | 17,3                                            | 17,6 | 17,8 | 18,3 | 18,1                                  | 18,3 | 18,6                   | 18,8 | 19,4   |     |

| Leuchtdichten-Tabelle |                       | Max. für $\gamma \geq 65^\circ$ |                             | Lichttechnische<br>Abmessungen in mm: |                             | L = 1500<br>B = 58          |             |
|-----------------------|-----------------------|---------------------------------|-----------------------------|---------------------------------------|-----------------------------|-----------------------------|-------------|
| C-<br>Ebenen          | 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° |
| $\gamma$              | Leuchtdichte in cd/m² |                                 |                             |                                       |                             |                             |             |
| 45°                   | 6819.2                | 6563.3                          | 6097.3                      | 6158.9                                | 6289.4                      | 7041.2                      | 7984.0      |
| 50°                   | 6642.0                | 6382.4                          | 5444.4                      | 5441.2                                | 5476.1                      | 6399.4                      | 7763.2      |
| 55°                   | 6786.9                | 6767.8                          | 5883.2                      | 5349.6                                | 5184.3                      | 6189.7                      | 7543.9      |
| 60°                   | 6010.9                | 6047.6                          | 6306.9                      | 5556.8                                | 5145.0                      | 5986.4                      | 7024.2      |
| 65°                   | 5125.4                | 5182.6                          | 5743.9                      | 5599.9                                | 5224.8                      | 5677.6                      | 6365.1      |
| 70°                   | 4062.1                | 4186.6                          | 4906.3                      | 5205.0                                | 5011.5                      | 5243.8                      | 5620.7      |
| 75°                   | 2959.5                | 3097.4                          | 3834.9                      | 4619.7                                | 4590.3                      | 4681.6                      | 4862.0      |
| 80°                   | 2092.8                | 2167.4                          | 2662.0                      | 3488.1                                | 3859.3                      | 3794.7                      | 3827.0      |
| 85°                   | 1707.1                | 1731.3                          | 2020.4                      | 2619.7                                | 2768.5                      | 2832.8                      | 2596.5      |

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|                                                                                                                                 |                                                               |                                      |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------|
| <b>Familie</b><br><b>Licross® 21 Recessed</b>                                                                                   | <b>Bestell-Nr.: 52TL11DN68XG</b><br><b>EAN: 4069025289025</b> | <b>LP-Nummer</b><br><b>58785_363</b> |                                                                                     |
| <b>Leuchtdichten in cd/m²</b> <div> <div>γ 65°</div> <div>γ 70°</div> <div>γ 75°</div> <div>γ 80°</div> <div>γ 85°</div> </div> |                                                               |                                      |  |



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|                                               |                                                               |                                      |
|-----------------------------------------------|---------------------------------------------------------------|--------------------------------------|
| <b>Familie</b><br><b>Licross® 21 Recessed</b> | <b>Bestell-Nr.: 52TL11DN68XG</b><br><b>EAN: 4069025289025</b> | <b>LP-Nummer</b><br><b>58785_363</b> |
| <b>Dimmstufen-Tabelle</b>                     |                                                               | <b>Umgebungstemperatur: 25°C</b>     |

siteco

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-------------------------|-----------------|--------------------|
| 100            | 254              | 254                     | 8000            | 46.3               |
| 95             | 240              | 252                     | 7587            | 43.8               |
| 90             | 227              | 250                     | 7200            | 41.5               |
| 85             | 214              | 248                     | 6810            | 39.2               |
| 80             | 200              | 245                     | 6388            | 36.7               |
| 75             | 187              | 243                     | 5994            | 34.4               |
| 70             | 174              | 240                     | 5594            | 32.1               |
| 65             | 161              | 237                     | 5192            | 29.8               |
| 60             | 148              | 234                     | 4787            | 27.5               |
| 55             | 136              | 231                     | 4409            | 25.4               |
| 50             | 123              | 227                     | 4000            | 23.2               |
| 45             | 110              | 223                     | 3586            | 21.0               |
| 40             | 98               | 219                     | 3202            | 18.9               |
| 35             | 86               | 214                     | 2815            | 16.9               |
| 30             | 73               | 208                     | 2394            | 14.6               |
| 25             | 61               | 202                     | 2004            | 12.5               |
| 20             | 49               | 194                     | 1610            | 10.4               |
| 15             | 37               | 183                     | 1214            | 8.4                |
| 10             | 24               | 168                     | 785             | 6.2                |
| 5              | 12               | 142                     | 386             | 4.1                |
| 2              | 5                | 110                     | 151             | 2.9                |