

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 51TL14CN485G**  
**EAN: 4058352929728**

**LP-Nummer**  
**58683\_373**



**Ausführung** Abdeckung satiniert, asymmetrisch strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-Multilumen CLOi  
**Bemessungswerte** Nettolichtstrom = 8570 lm  
 Systemleistung = 49.3 W  
 Lichtausbeute = 173.8 lm/W

**Seriendokumentation**  
**14.11.2025**

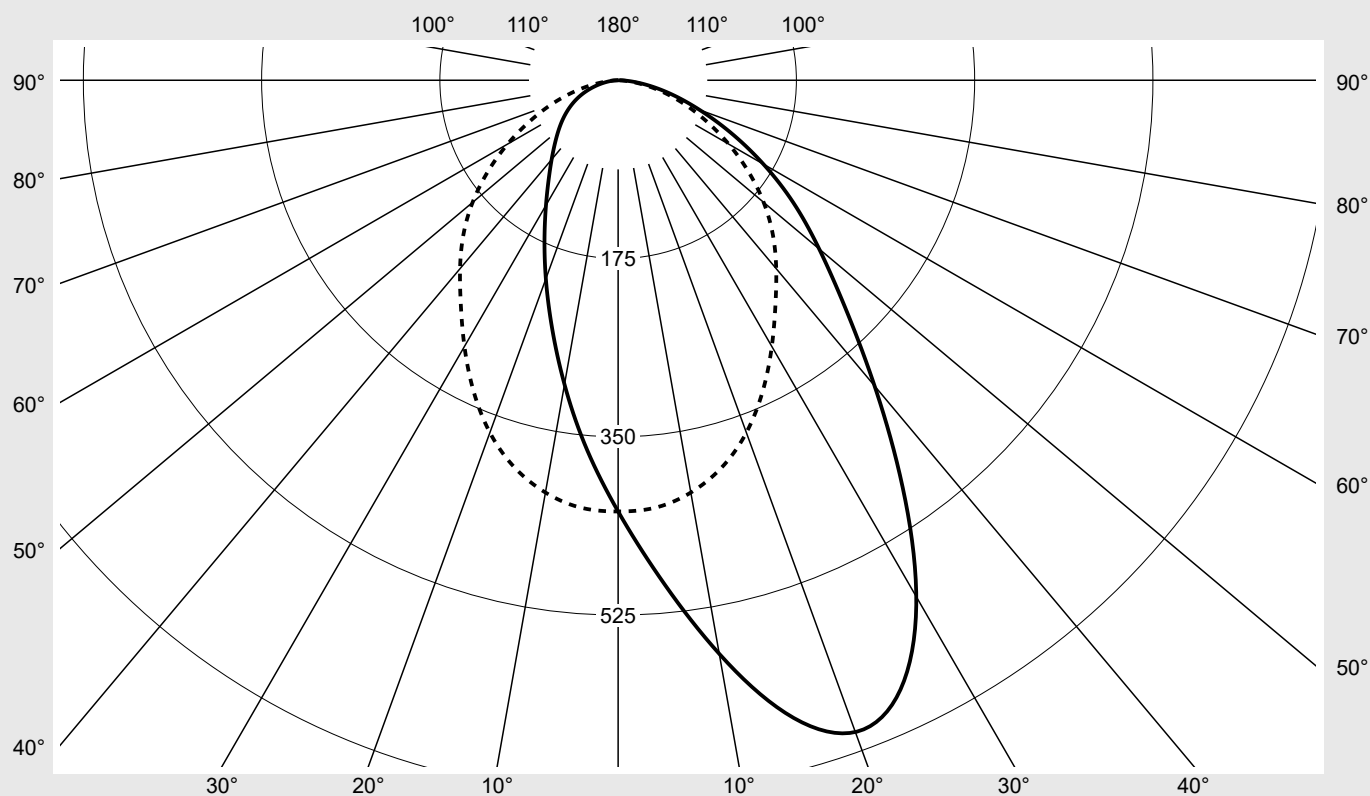
**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 681 cd/klm**



### Klassifizierungen

DIN 5040 A 4 0  
 CIE N1=56 N2=84 N3=97  
 N4=100 N5=100

### Leuchtenbetriebswirkungsgrade

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

### Messbedingungen

DIN EN 13032 und DIN 5032

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|                                 |                                                 |                        |
|---------------------------------|-------------------------------------------------|------------------------|
| Familie<br>Licross® 11 Recessed | Bestell-Nr.: 51TL14CN485G<br>EAN: 4058352929728 | LP-Nummer<br>58683_373 |
| Wertetabelle Lichtstärkemessung | Maximale Lichtstärke                            | siteco                 |

| C-<br>Ebenen | 0°                    | 15°<br>345° | 30°<br>330° | 45°<br>315° | 60°<br>300° | 75°<br>285° | 90°<br>270° |
|--------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ            | Lichtstärke in cd/klm |             |             |             |             |             |             |
| 0°           | 423.3                 | 423.3       | 423.3       | 423.3       | 423.3       | 423.3       | 423.3       |
| 5°           | 492.9                 | 491.4       | 480.7       | 469.8       | 456.1       | 438.7       | 421.2       |
| 10°          | 571.7                 | 566.6       | 544.9       | 518.0       | 484.6       | 447.0       | 411.0       |
| 15°          | 644.7                 | 637.1       | 605.9       | 562.5       | 507.2       | 447.4       | 393.4       |
| 20°          | 680.9                 | 674.8       | 644.8       | 594.0       | 519.7       | 438.2       | 368.1       |
| 25°          | 657.9                 | 657.6       | 642.1       | 600.0       | 518.2       | 419.3       | 336.2       |
| 30°          | 585.4                 | 591.2       | 594.0       | 574.0       | 501.7       | 394.4       | 301.7       |
| 35°          | 486.6                 | 496.5       | 513.6       | 518.9       | 472.6       | 367.8       | 269.2       |
| 40°          | 391.6                 | 400.9       | 423.7       | 447.6       | 435.3       | 342.4       | 241.4       |
| 45°          | 315.0                 | 320.7       | 340.1       | 373.0       | 389.0       | 312.9       | 214.9       |
| 50°          | 257.7                 | 259.4       | 273.6       | 305.9       | 334.9       | 275.1       | 186.5       |
| 55°          | 210.4                 | 209.0       | 219.8       | 247.0       | 276.4       | 230.5       | 156.0       |
| 60°          | 164.7                 | 163.2       | 172.4       | 194.6       | 218.3       | 183.7       | 125.4       |
| 65°          | 122.2                 | 121.6       | 130.0       | 147.7       | 165.1       | 139.3       | 96.1        |
| 70°          | 85.2                  | 85.7        | 92.4        | 106.6       | 118.3       | 100.1       | 70.2        |
| 75°          | 55.7                  | 56.1        | 61.0        | 71.1        | 77.9        | 65.9        | 46.5        |
| 80°          | 31.6                  | 31.9        | 35.4        | 40.3        | 43.4        | 36.3        | 25.7        |
| 85°          | 13.1                  | 12.9        | 14.6        | 16.5        | 16.2        | 13.2        | 9.1         |
| 90°          | 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         |

| C-<br>Ebenen | 105°<br>255°          | 120°<br>240° | 135°<br>225° | 150°<br>210° | 165°<br>195° | 180°  | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |              |              |              |              |       | Lichtstrom in lm/klm |                   |
| 0°           | 423.3                 | 423.3        | 423.3        | 423.3        | 423.3        | 423.3 | 2.5                  | 2.5               |
| 5°           | 404.2                 | 389.5        | 375.7        | 365.6        | 362.1        | 361.8 | 20.2                 | 22.8              |
| 10°          | 378.5                 | 351.6        | 328.9        | 312.6        | 305.3        | 303.2 | 40.3                 | 63.1              |
| 15°          | 347.6                 | 311.7        | 283.3        | 263.5        | 254.2        | 251.1 | 59.8                 | 123.0             |
| 20°          | 312.8                 | 271.7        | 241.2        | 220.7        | 211.0        | 207.4 | 77.2                 | 200.1             |
| 25°          | 275.0                 | 232.7        | 202.9        | 183.7        | 174.4        | 171.0 | 89.9                 | 290.0             |
| 30°          | 237.7                 | 196.9        | 169.7        | 152.6        | 144.6        | 141.7 | 96.4                 | 386.5             |
| 35°          | 204.1                 | 165.0        | 141.0        | 127.0        | 121.0        | 118.9 | 96.9                 | 483.4             |
| 40°          | 176.0                 | 138.8        | 117.2        | 106.8        | 102.8        | 101.6 | 93.4                 | 576.7             |
| 45°          | 151.3                 | 116.9        | 98.0         | 90.5         | 88.3         | 87.8  | 87.1                 | 663.9             |
| 50°          | 128.6                 | 98.3         | 82.7         | 77.4         | 76.2         | 76.3  | 79.3                 | 743.1             |
| 55°          | 107.1                 | 82.4         | 69.7         | 65.9         | 65.5         | 66.0  | 69.9                 | 813.0             |
| 60°          | 87.0                  | 68.0         | 58.3         | 55.3         | 55.4         | 56.0  | 59.0                 | 872.0             |
| 65°          | 68.6                  | 55.0         | 47.7         | 45.3         | 45.4         | 45.9  | 47.4                 | 919.5             |
| 70°          | 51.6                  | 42.4         | 37.2         | 35.1         | 35.2         | 35.4  | 35.8                 | 955.3             |
| 75°          | 35.3                  | 29.8         | 26.5         | 24.5         | 24.4         | 24.5  | 24.7                 | 980.0             |
| 80°          | 20.2                  | 17.6         | 15.6         | 14.5         | 14.4         | 14.5  | 14.3                 | 994.3             |
| 85°          | 7.8                   | 7.1          | 6.7          | 6.2          | 6.2          | 6.3   | 5.7                  | 1000.0            |
| 90°          | 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                  | 1000.0            |

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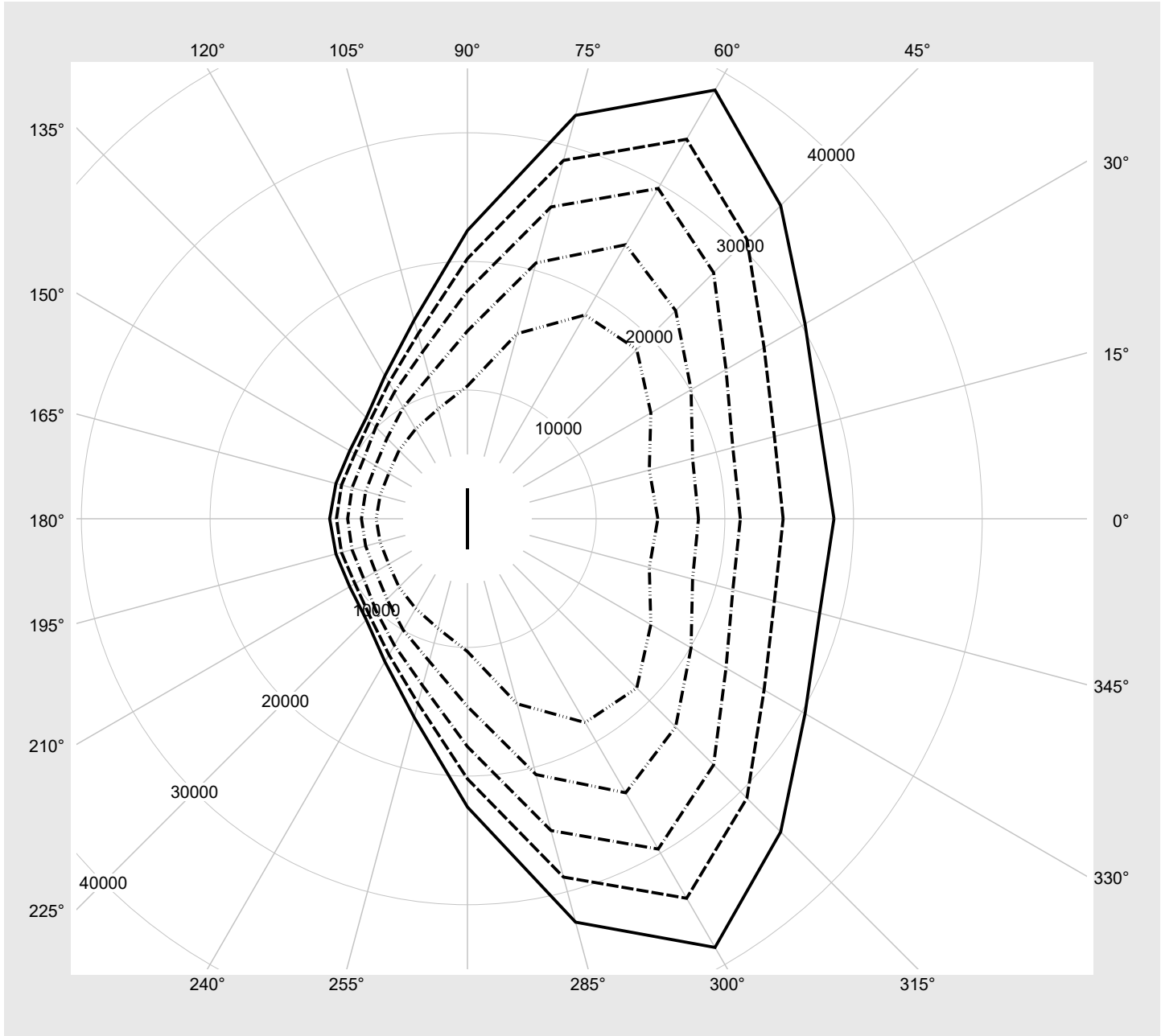
|                                 |     |                                     |                                                 |      |      |      |                                       |      |                        |      |        |     |
|---------------------------------|-----|-------------------------------------|-------------------------------------------------|------|------|------|---------------------------------------|------|------------------------|------|--------|-----|
| Familie<br>Licross® 11 Recessed |     |                                     | Bestell-Nr.: 51TL14CN485G<br>EAN: 4058352929728 |      |      |      |                                       |      | LP-Nummer<br>58683_373 |      |        |     |
| 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  | 25,9                                | 27,5                                            | 26,2 | 27,8 | 28,1 | 24,5                                  | 26,1 | 24,8                   | 26,4 | 26,7   |     |
|                                 | 3H  | 26,8                                | 28,3                                            | 27,2 | 28,6 | 29,0 | 25,6                                  | 27,0 | 26,0                   | 27,4 | 27,7   |     |
|                                 | 4H  | 27,2                                | 28,5                                            | 27,6 | 28,9 | 29,3 | 26,0                                  | 27,3 | 26,4                   | 27,7 | 28,1   |     |
|                                 | 6H  | 27,4                                | 28,7                                            | 27,8 | 29,1 | 29,4 | 26,3                                  | 27,5 | 26,7                   | 27,9 | 28,3   |     |
|                                 | 8H  | 27,5                                | 28,7                                            | 27,9 | 29,1 | 29,5 | 26,3                                  | 27,5 | 26,8                   | 27,9 | 28,3   |     |
|                                 | 12H | 27,6                                | 28,7                                            | 28,0 | 29,1 | 29,5 | 26,4                                  | 27,5 | 26,9                   | 27,9 | 28,3   |     |
| 4H                              | 2H  | 26,6                                | 28,0                                            | 27,0 | 28,3 | 28,7 | 25,1                                  | 26,4 | 25,5                   | 26,8 | 27,1   |     |
|                                 | 3H  | 27,7                                | 28,9                                            | 28,2 | 29,3 | 29,7 | 26,5                                  | 27,6 | 26,9                   | 28,0 | 28,4   |     |
|                                 | 4H  | 28,2                                | 29,2                                            | 28,6 | 29,6 | 30,0 | 27,0                                  | 28,0 | 27,5                   | 28,5 | 28,9   |     |
|                                 | 6H  | 28,5                                | 29,4                                            | 29,0 | 29,8 | 30,3 | 27,4                                  | 28,3 | 27,9                   | 28,7 | 29,2   |     |
|                                 | 8H  | 28,6                                | 29,4                                            | 29,1 | 29,9 | 30,4 | 27,5                                  | 28,3 | 28,0                   | 28,8 | 29,2   |     |
|                                 | 12H | 28,7                                | 29,4                                            | 29,2 | 29,9 | 30,4 | 27,6                                  | 28,3 | 28,1                   | 28,8 | 29,2   |     |
| 8H                              | 4H  | 28,5                                | 29,3                                            | 29,0 | 29,8 | 30,2 | 27,3                                  | 28,1 | 27,7                   | 28,5 | 29,0   |     |
|                                 | 6H  | 28,9                                | 29,6                                            | 29,4 | 30,1 | 30,6 | 27,8                                  | 28,4 | 28,3                   | 28,9 | 29,4   |     |
|                                 | 8H  | 29,1                                | 29,7                                            | 29,6 | 30,2 | 30,7 | 27,9                                  | 28,5 | 28,4                   | 29,0 | 29,5   |     |
|                                 | 12H | 29,2                                | 29,7                                            | 29,7 | 30,2 | 30,7 | 28,1                                  | 28,5 | 28,6                   | 29,0 | 29,6   |     |
| 12H                             | 4H  | 28,6                                | 29,3                                            | 29,1 | 29,7 | 30,2 | 27,3                                  | 28,0 | 27,8                   | 28,5 | 29,0   |     |
|                                 | 6H  | 29,0                                | 29,6                                            | 29,5 | 30,1 | 30,6 | 27,8                                  | 28,4 | 28,3                   | 28,9 | 29,4   |     |
|                                 | 8H  | 29,2                                | 29,7                                            | 29,7 | 30,2 | 30,7 | 28,0                                  | 28,5 | 28,5                   | 29,0 | 29,6   |     |

| Leuchtdichten-Tabelle |  | Max. für $\gamma \geq 65^\circ$                       |             |             |             |             |             |             |              |              |              |              |              |         |
|-----------------------|--|-------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------|
|                       |  | Lichttechnische Abmessungen in mm: L = 1500<br>B = 58 |             |             |             |             |             |             |              |              |              |              |              |         |
| C-<br>Ebenen          |  | 0°                                                    | 15°<br>345° | 30°<br>330° | 45°<br>315° | 60°<br>300° | 75°<br>285° | 90°<br>270° | 105°<br>255° | 120°<br>240° | 135°<br>225° | 150°<br>210° | 165°<br>195° | 180°    |
| $\gamma$              |  | Leuchtdichte in cd/m²                                 |             |             |             |             |             |             |              |              |              |              |              |         |
| 45°                   |  | 43876.9                                               | 44669.9     | 47383.4     | 51965.0     | 54185.3     | 43595.0     | 29938.4     | 21083.7      | 16282.1      | 13645.9      | 12611.6      | 12304.0      | 12225.5 |
| 50°                   |  | 39486.1                                               | 39747.9     | 41928.6     | 46871.6     | 51330.0     | 42151.6     | 28582.4     | 19713.9      | 15070.4      | 12667.8      | 11854.6      | 11683.0      | 11694.6 |
| 55°                   |  | 36126.1                                               | 35898.0     | 37744.6     | 42415.2     | 47476.7     | 39580.3     | 26785.0     | 18399.8      | 14147.4      | 11969.7      | 11322.3      | 11250.7      | 11341.9 |
| 60°                   |  | 32446.0                                               | 32159.6     | 33966.2     | 38339.6     | 43012.1     | 36184.1     | 24696.0     | 17133.9      | 13392.1      | 11478.3      | 10903.8      | 10907.5      | 11039.7 |
| 65°                   |  | 28480.6                                               | 28333.3     | 30293.8     | 34421.4     | 38475.5     | 32461.0     | 22404.3     | 15987.3      | 12829.7      | 11112.1      | 10563.9      | 10579.9      | 10708.4 |
| 70°                   |  | 24532.5                                               | 24694.7     | 26618.3     | 30711.2     | 34062.8     | 28835.1     | 20217.3     | 14856.5      | 12206.2      | 10723.5      | 10095.1      | 10135.1      | 10182.4 |
| 75°                   |  | 21206.5                                               | 21351.1     | 23202.0     | 27053.6     | 29645.8     | 25089.3     | 17713.7     | 13438.9      | 11359.3      | 10069.1      | 9308.3       | 9286.6       | 9310.5  |
| 80°                   |  | 17953.0                                               | 18110.7     | 20066.1     | 22879.2     | 24594.1     | 20586.3     | 14594.8     | 11466.3      | 9988.5       | 8840.4       | 8248.1       | 8190.8       | 8237.4  |
| 85°                   |  | 14796.9                                               | 14631.9     | 16455.0     | 18606.9     | 18292.7     | 14889.6     | 10322.4     | 8828.2       | 8056.3       | 7519.4       | 7062.8       | 7026.6       | 7091.0  |

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|                                                                                                                                 |                                                            |                                   |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------|
| <p>Familie</p> <p>Licross® 11 Recessed</p>                                                                                      | <p>Bestell-Nr.: 51TL14CN485G</p> <p>EAN: 4058352929728</p> | <p>LP-Nummer</p> <p>58683_373</p> |
| <p>Leuchtdichten in cd/m²</p> <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® 11 Recessed</b>          | <b>Bestell-Nr.: 51TL14CN485G</b><br><b>EAN: 4058352929728</b> | <b>LP-Nummer</b><br><b>58683_373</b> |
| <b>Multilumen-Tabelle</b><br>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 | 8570               | 49.3                  | 52.0                                  | 50.6                               |
| 2         | A                | C | F | 8080               | 46.2                  | 48.4                                  | 47.3                               |
| 3         | A                | D | E | 7590               | 43.1                  | 45.3                                  | 44.2                               |
| 4         | A                | D | F | 7080               | 40.0                  | 42.2                                  | 41.1                               |
| 5         | B                | C | E | 6650               | 37.4                  | 39.6                                  | 38.5                               |
| 6         | B                | C | F | 6140               | 34.3                  | 36.5                                  | 35.4                               |
| 7         | B                | D | E | 5700               | 31.8                  | 33.5                                  | 32.6                               |
| 8         | B                | D | F | 5250               | 29.2                  | 30.9                                  | 30.0                               |