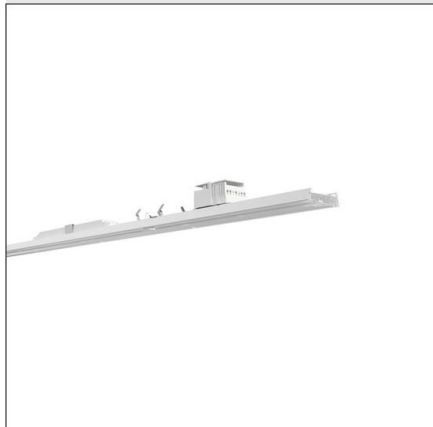


Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL12DN4DXL3S
EAN: 4058352485286

LP-Nummer
58689_42



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Einstellung Notlichtbetrieb: 3 h

Bemessungswerte Nettolichtstrom = 880 lm
Systemleistung = 5.0 W
Lichtausbeute = 176 lm/W

Seriendokumentation
04.05.2021

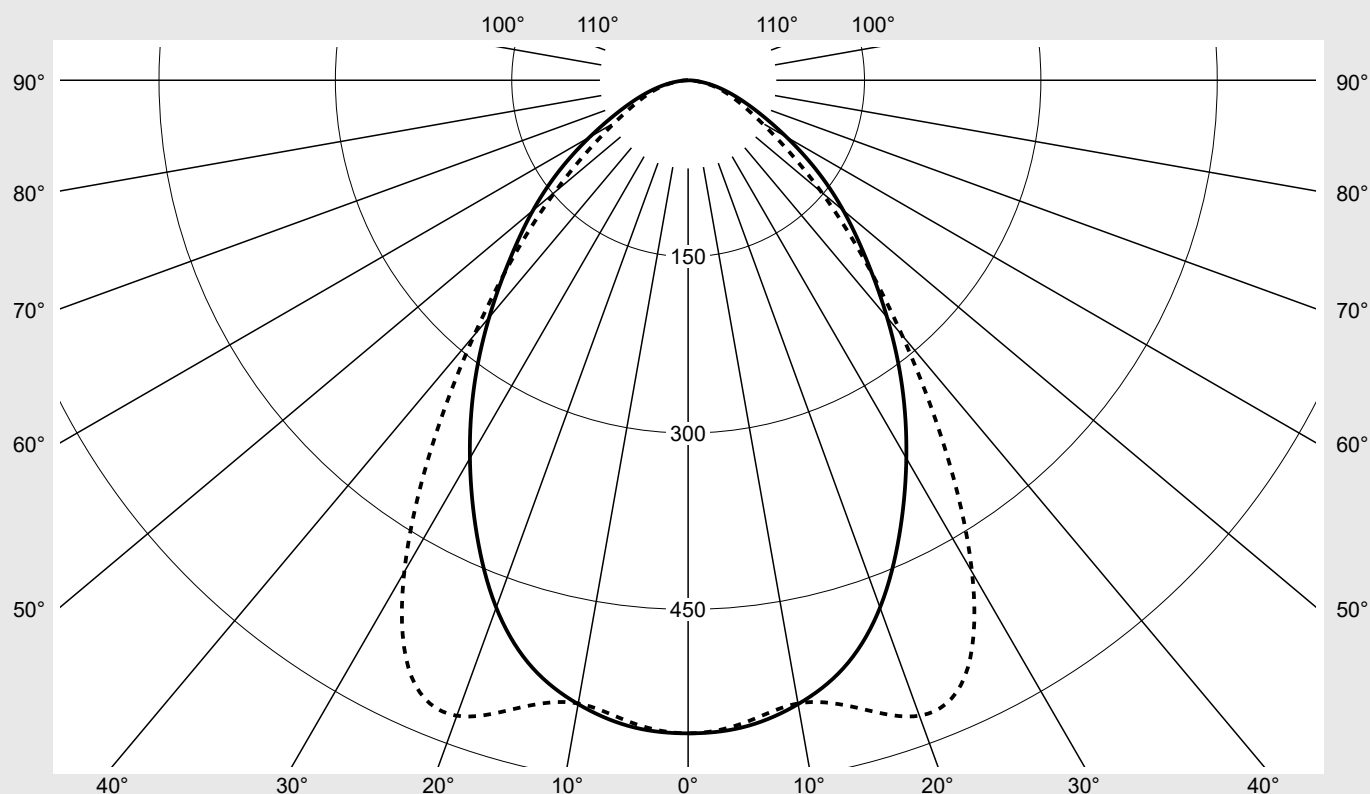
sitEco

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

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

| | | |
|---|---|-------------------------------------|
| Familie Licross® 11 Recessed | Bestell-Nr.: 51TL12DN4DXL3S EAN: 4058352485286 | LP-Nummer 58689_42 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | sITeco |

| C- Ebenen | 0° 180° | 15° | 30° | 45° | 60° | 75° | 90° 270° | Phi-Zone | Summe Phi-Zone |
|-----------------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------------|
| | | 165° 195° 345° | 150° 210° 330° | 135° 225° 315° | 120° 240° 300° | 105° 255° 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

| | | |
|--|---|------------------------------|
| Familie Licross® 11 Recessed | Bestell-Nr.: 51TL12DN4DXL3S EAN: 4058352485286 | LP-Nummer 58689_42 |
|--|---|------------------------------|

| UGR-Tabelle | | Standardraum | | | | | | | | | |
|-----------------|-----|-------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
| Raumabmessungen | | Blickrichtung quer zur Leuchte (C0) | | | | | Blickrichtung längs zur Leuchte (C90) | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 14,4 | 15,9 | 14,8 | 16,2 | 16,6 | 13,9 | 15,4 | 14,3 | 15,7 | 16,0 |
| | 3H | 15,2 | 16,5 | 15,5 | 16,8 | 17,2 | 14,5 | 15,8 | 14,9 | 16,1 | 16,5 |
| | 4H | 15,5 | 16,7 | 15,9 | 17,0 | 17,4 | 14,8 | 16,0 | 15,1 | 16,3 | 16,7 |
| | 6H | 15,7 | 16,8 | 16,1 | 17,2 | 17,6 | 15,0 | 16,1 | 15,4 | 16,5 | 16,9 |
| | 8H | 15,8 | 16,8 | 16,2 | 17,2 | 17,6 | 15,1 | 16,1 | 15,5 | 16,5 | 16,9 |
| | 12H | 15,8 | 16,8 | 16,3 | 17,2 | 17,6 | 15,1 | 16,1 | 15,6 | 16,5 | 16,9 |
| 4H | 2H | 14,8 | 16,0 | 15,2 | 16,3 | 16,7 | 14,3 | 15,6 | 14,7 | 15,9 | 16,3 |
| | 3H | 15,6 | 16,6 | 16,0 | 17,0 | 17,4 | 15,1 | 16,1 | 15,5 | 16,5 | 16,9 |
| | 4H | 15,9 | 16,9 | 16,4 | 17,3 | 17,7 | 15,5 | 16,4 | 15,9 | 16,8 | 17,2 |
| | 6H | 16,2 | 17,0 | 16,7 | 17,4 | 17,9 | 15,7 | 16,5 | 16,2 | 17,0 | 17,4 |
| | 8H | 16,3 | 17,0 | 16,8 | 17,5 | 18,0 | 15,8 | 16,6 | 16,3 | 17,0 | 17,5 |
| | 12H | 16,4 | 17,0 | 16,9 | 17,5 | 18,0 | 15,9 | 16,5 | 16,4 | 17,0 | 17,5 |
| 8H | 4H | 16,0 | 16,7 | 16,5 | 17,2 | 17,7 | 15,6 | 16,3 | 16,1 | 16,7 | 17,2 |
| | 6H | 16,4 | 16,9 | 16,9 | 17,4 | 17,9 | 15,9 | 16,5 | 16,4 | 17,0 | 17,5 |
| | 8H | 16,5 | 17,0 | 17,0 | 17,5 | 18,0 | 16,1 | 16,6 | 16,6 | 17,1 | 17,6 |
| | 12H | 16,6 | 17,0 | 17,1 | 17,5 | 18,0 | 16,2 | 16,6 | 16,7 | 17,1 | 17,6 |
| 12H | 4H | 16,1 | 16,7 | 16,5 | 17,1 | 17,6 | 15,6 | 16,2 | 16,1 | 16,7 | 17,2 |
| | 6H | 16,4 | 16,9 | 16,9 | 17,4 | 17,9 | 16,0 | 16,5 | 16,5 | 16,9 | 17,5 |
| | 8H | 16,5 | 16,9 | 17,0 | 17,4 | 18,0 | 16,1 | 16,5 | 16,6 | 17,0 | 17,6 |

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

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

| C- Ebenen | γ | Leuchtdichte in cd/m ² | | | | | | |
|--------------|----------|-----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
| | | 0° 180° | 15° 165° 195° 345° | 30° 150° 210° 330° | 45° 135° 225° 315° | 60° 120° 240° 300° | 75° 105° 255° 285° | 90° 270° |
| 45° | | 3057.0 | 2918.0 | 3290.9 | 3296.7 | 2901.2 | 2863.4 | 2961.5 |
| 50° | | 2710.9 | 2521.6 | 2788.7 | 2779.5 | 2354.2 | 2255.0 | 2328.9 |
| 55° | | 2351.2 | 2143.6 | 2228.3 | 2276.2 | 1971.1 | 1781.7 | 1816.4 |
| 60° | | 1955.7 | 1777.7 | 1724.2 | 1824.3 | 1681.8 | 1436.5 | 1457.8 |
| 65° | | 1619.9 | 1460.6 | 1348.1 | 1461.5 | 1448.6 | 1216.8 | 1246.1 |
| 70° | | 1386.6 | 1234.5 | 1079.8 | 1189.5 | 1245.4 | 1077.2 | 1127.0 |
| 75° | | 1208.9 | 1042.3 | 882.1 | 975.2 | 1058.2 | 964.0 | 1038.7 |
| 80° | | 1035.1 | 859.9 | 697.6 | 765.9 | 853.7 | 823.6 | 909.0 |
| 85° | | 765.2 | 626.8 | 509.8 | 553.7 | 612.4 | 623.0 | 681.7 |

Lichttechnischer Prüfbefund

| | | |
|---|---|-------------------------------------|
| Familie Licross® 11 Recessed | Bestell-Nr.: 51TL12DN4DXL3S EAN: 4058352485286 | LP-Nummer 58689_42 |
|---|---|-------------------------------------|

Leuchtdichten in cd/m²

| | | | | |
|--------------|--------------|--------------|--------------|--------------|
| γ 65° | γ 70° | γ 75° | γ 80° | γ 85° |
|--------------|--------------|--------------|--------------|--------------|

siteco

