

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL12MN46XM
EAN: 4058352922439

LP-Nummer
58689_156



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-Multilumen

Bemessungswerte Nettolichtstrom = 6020 lm
Systemleistung = 30.1 W
Lichtausbeute = 200 lm/W

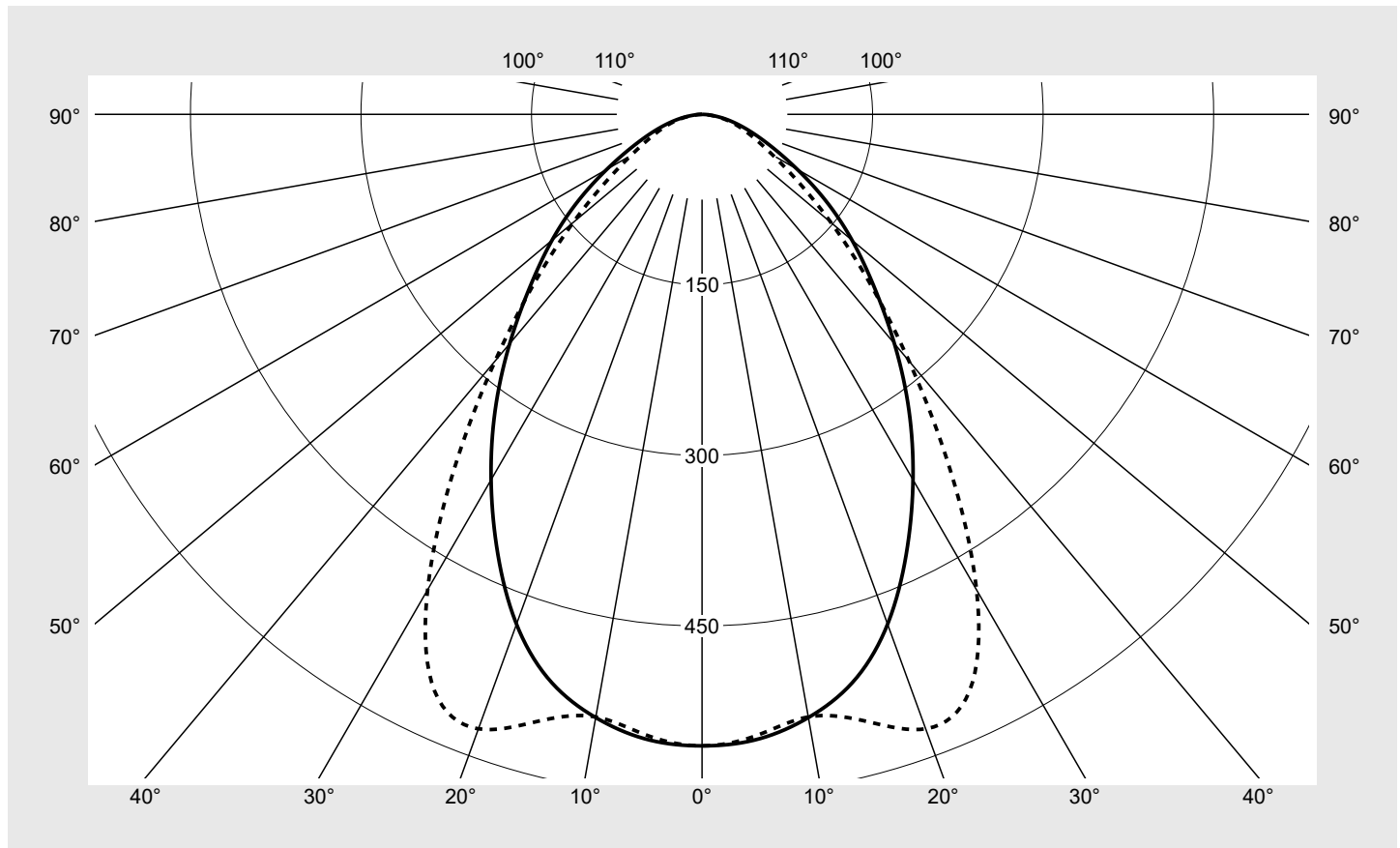
Seriendokumentation
12.10.2023

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.: 51TL12MN46XM EAN: 4058352922439 | LP-Nummer 58689_156 |
| 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° | | | |
| γ | | | | | | | | Lichtstärke in cd/klm | |
| | | | | | | | | Lichtstrom in lm/klm | |
| 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.: 51TL12MN46XM EAN: 4058352922439 | LP-Nummer 58689_156 |
|--|---|-------------------------------|

| UGR-Tabelle | | Standardraum | | | | | | | | | |
|-----------------|-----|-------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
| Raumabmessungen | | Blickrichtung quer zur Leuchte (C0) | | | | | Blickrichtung längs zur Leuchte (C90) | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 21,1 | 22,6 | 21,5 | 22,9 | 23,2 | 20,6 | 22,1 | 20,9 | 22,4 | 22,7 |
| | 3H | 21,8 | 23,2 | 22,2 | 23,5 | 23,9 | 21,2 | 22,5 | 21,6 | 22,8 | 23,2 |
| | 4H | 22,1 | 23,4 | 22,5 | 23,7 | 24,1 | 21,4 | 22,7 | 21,8 | 23,0 | 23,4 |
| | 6H | 22,4 | 23,5 | 22,8 | 23,9 | 24,3 | 21,6 | 22,8 | 22,1 | 23,1 | 23,5 |
| | 8H | 22,5 | 23,5 | 22,9 | 23,9 | 24,3 | 21,8 | 22,8 | 22,2 | 23,2 | 23,6 |
| | 12H | 22,5 | 23,5 | 23,0 | 23,9 | 24,3 | 21,8 | 22,8 | 22,2 | 23,2 | 23,6 |
| 4H | 2H | 21,4 | 22,7 | 21,8 | 23,0 | 23,4 | 21,0 | 22,3 | 21,4 | 22,6 | 23,0 |
| | 3H | 22,3 | 23,3 | 22,7 | 23,7 | 24,1 | 21,8 | 22,8 | 22,2 | 23,2 | 23,6 |
| | 4H | 22,6 | 23,5 | 23,1 | 23,9 | 24,4 | 22,1 | 23,1 | 22,6 | 23,5 | 23,9 |
| | 6H | 22,9 | 23,7 | 23,4 | 24,1 | 24,6 | 22,4 | 23,2 | 22,9 | 23,6 | 24,1 |
| | 8H | 23,0 | 23,7 | 23,5 | 24,2 | 24,6 | 22,5 | 23,2 | 23,0 | 23,7 | 24,2 |
| | 12H | 23,1 | 23,7 | 23,6 | 24,2 | 24,7 | 22,6 | 23,2 | 23,1 | 23,7 | 24,2 |
| 8H | 4H | 22,7 | 23,4 | 23,2 | 23,9 | 24,4 | 22,3 | 23,0 | 22,7 | 23,4 | 23,9 |
| | 6H | 23,0 | 23,6 | 23,5 | 24,1 | 24,6 | 22,6 | 23,2 | 23,1 | 23,7 | 24,2 |
| | 8H | 23,2 | 23,7 | 23,7 | 24,2 | 24,7 | 22,7 | 23,3 | 23,2 | 23,8 | 24,3 |
| | 12H | 23,3 | 23,7 | 23,8 | 24,2 | 24,7 | 22,8 | 23,3 | 23,4 | 23,8 | 24,3 |
| 12H | 4H | 22,7 | 23,3 | 23,2 | 23,8 | 24,3 | 22,3 | 22,9 | 22,8 | 23,4 | 23,9 |
| | 6H | 23,1 | 23,6 | 23,6 | 24,0 | 24,6 | 22,6 | 23,1 | 23,1 | 23,6 | 24,1 |
| | 8H | 23,2 | 23,6 | 23,7 | 24,1 | 24,7 | 22,8 | 23,2 | 23,3 | 23,7 | 24,3 |

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

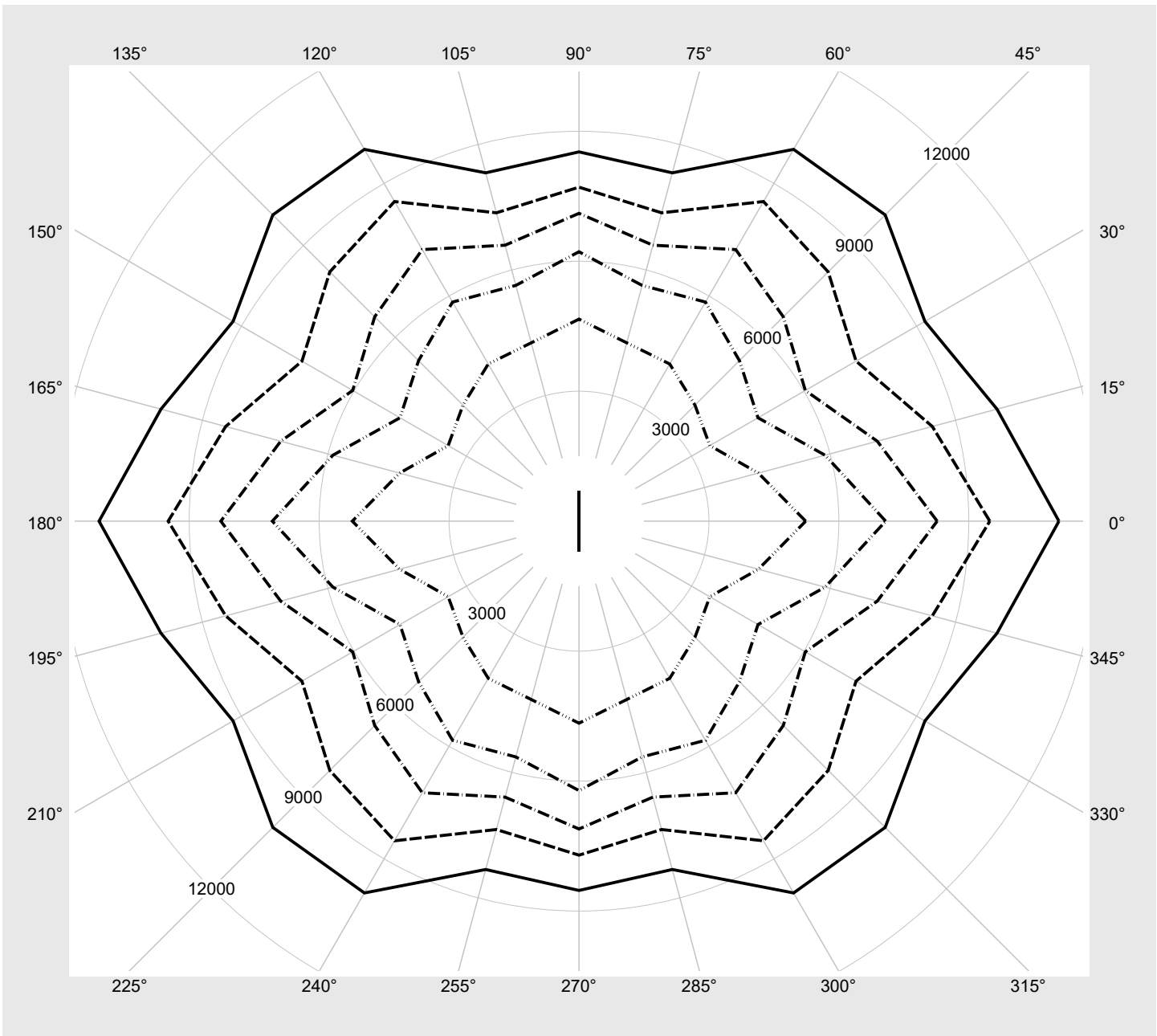
Lichttechnische Abmessungen in mm: **L = 1500**
B = 58

| 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° | | 20912.5 | 19961.7 | 22513.0 | 22552.4 | 19846.9 | 19588.5 | 20259.5 |
| 50° | | 18544.7 | 17249.9 | 19077.5 | 19014.4 | 16105.1 | 15426.2 | 15931.5 |
| 55° | | 16084.4 | 14664.5 | 15243.9 | 15571.3 | 13484.2 | 12188.1 | 12426.0 |
| 60° | | 13378.7 | 12161.4 | 11794.9 | 12479.9 | 11504.7 | 9827.0 | 9972.6 |
| 65° | | 11081.8 | 9992.1 | 9222.4 | 9998.0 | 9909.8 | 8324.2 | 8524.1 |
| 70° | | 9485.5 | 8445.4 | 7386.7 | 8137.5 | 8519.4 | 7368.9 | 7709.4 |
| 75° | | 8270.2 | 7130.0 | 6034.1 | 6671.2 | 7238.8 | 6594.7 | 7105.4 |
| 80° | | 7081.0 | 5882.8 | 4772.2 | 5239.6 | 5840.1 | 5634.1 | 6218.7 |
| 85° | | 5234.4 | 4288.0 | 3487.7 | 3787.8 | 4189.6 | 4261.8 | 4663.5 |

Lichttechnischer Prüfbefund

| | | |
|---|---|--------------------------------------|
| Familie Licross® 11 Recessed | Bestell-Nr.: 51TL12MN46XM EAN: 4058352922439 | LP-Nummer 58689_156 |
|---|---|--------------------------------------|

Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Lichttechnischer Prüfbefund

Familie

Licross® 11 Recessed

Bestell-Nr.: 51TL12MN46XM

EAN: 4058352922439

LP-Nummer

58689_156

Multilumen-Tabelle

Umgebungstemperatur: 25°C

SITECO

| DIP-Stufe | Schalterstellung | | | Lichtstrom [lm] | Systemleistung [W] |
|-----------|------------------|---|---|--------------------|-----------------------|
| | 1 | 2 | 3 | | |
| 1 | A | C | E | 6020 | 30.1 |
| 2 | A | C | F | 5775 | 28.9 |
| 3 | A | D | E | 5604 | 28.0 |
| 4 | A | D | F | 5359 | 26.8 |
| 5 | B | C | E | 5114 | 25.6 |
| 6 | B | C | F | 4859 | 24.3 |
| 7 | B | D | E | 4688 | 23.5 |
| 8 | B | D | F | 4443 | 22.3 |