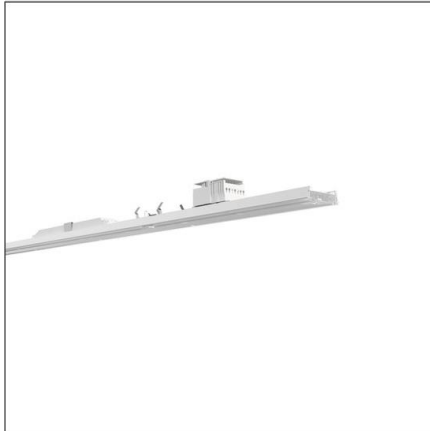


Lichttechnischer Prüfbefund

Familie
Licross® Recessed

Bestell-Nr.: 51TL19CN48XF
EAN: 4058352210239

LP-Nummer
58532_18



Ausführung Abdeckung satiniert, doppelt asymmetrisch strahlend

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-Multilumen CLOi

Bemessungswerte Nettolichtstrom = 8020 lm
Systemleistung = 48.5 W
Lichtausbeute = 165.4 lm/W

Seriendokumentation
15.11.2019

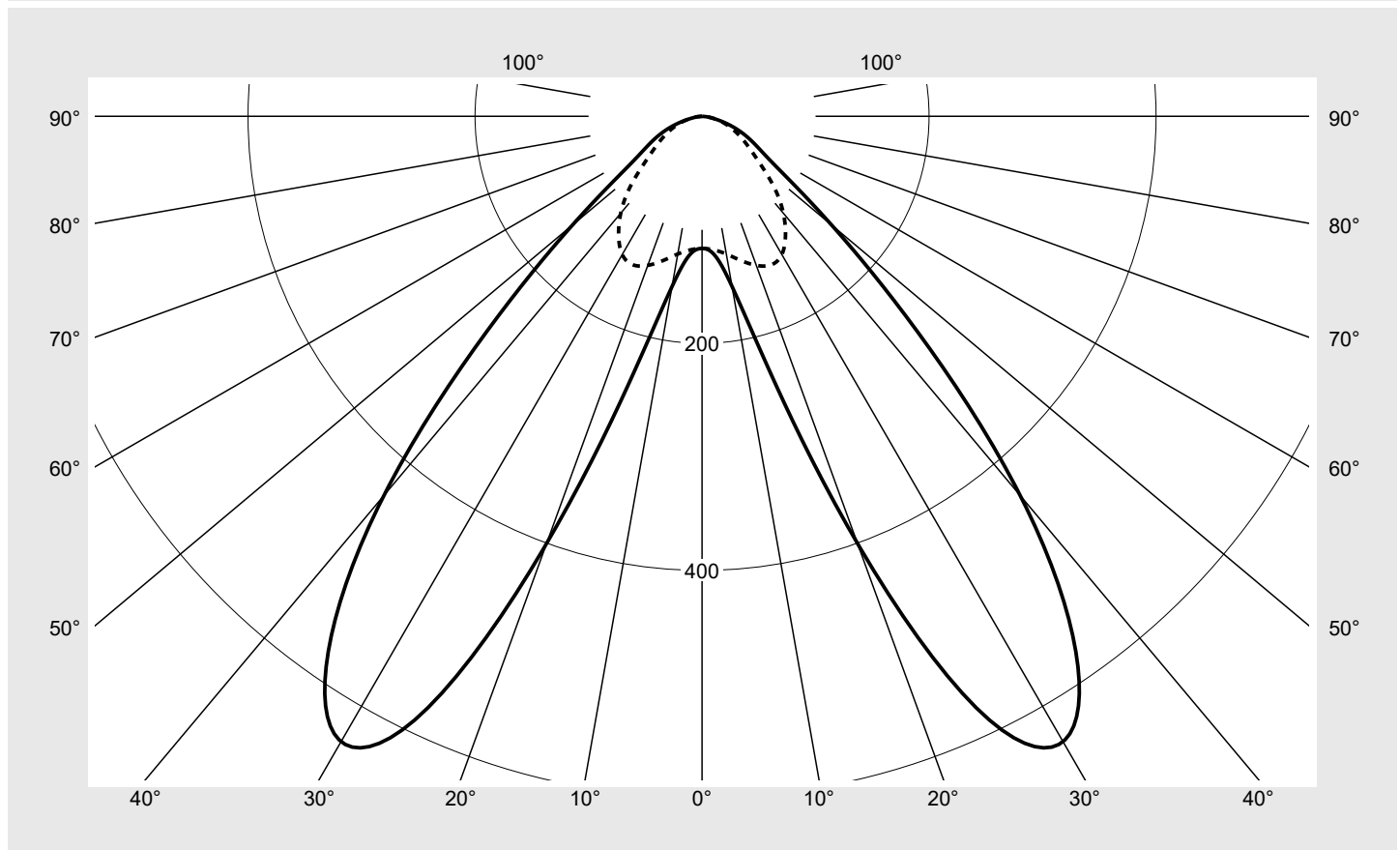
sitEco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 703 cd/klm



Klassifizierungen

DIN 5040 A 4 0
CIE N1=55 N2=89 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® Recessed | Bestell-Nr.: 51TL19CN48XF EAN: 4058352210239 | LP-Nummer 58532_18 |
|--|---|-------------------------------------|

| | | |
|--|-----------------------------|---------------|
| 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° | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 116.4 | 0.7 | 0.7 | | |
| 5° | 122.3 | 121.8 | 120.5 | 120.1 | 119.3 | 118.4 | 118.1 | 5.7 | 6.4 | | |
| 10° | 152.3 | 149.6 | 141.1 | 133.1 | 127.4 | 124.1 | 123.2 | 12.9 | 19.3 | | |
| 15° | 235.7 | 226.2 | 196.7 | 164.2 | 142.2 | 133.3 | 131.4 | 24.7 | 44.1 | | |
| 20° | 400.4 | 377.8 | 306.4 | 227.1 | 167.8 | 143.8 | 139.7 | 46.6 | 90.7 | | |
| 25° | 577.7 | 557.7 | 476.8 | 343.4 | 212.9 | 153.0 | 144.3 | 81.3 | 172.0 | | |
| 30° | 636.1 | 636.8 | 610.4 | 517.3 | 280.0 | 157.9 | 140.6 | 118.3 | 290.3 | | |
| 35° | 573.7 | 597.7 | 662.3 | 665.7 | 347.9 | 155.6 | 128.2 | 145.7 | 436.0 | | |
| 40° | 436.2 | 470.5 | 613.4 | 703.5 | 376.1 | 144.6 | 111.4 | 151.6 | 587.6 | | |
| 45° | 268.7 | 299.8 | 459.0 | 605.2 | 334.0 | 122.5 | 91.2 | 129.2 | 716.8 | | |
| 50° | 149.1 | 168.3 | 276.5 | 419.8 | 259.3 | 97.4 | 69.0 | 93.1 | 809.9 | | |
| 55° | 85.3 | 95.5 | 151.2 | 245.9 | 199.7 | 79.3 | 53.1 | 62.9 | 872.9 | | |
| 60° | 59.3 | 63.7 | 88.0 | 138.5 | 152.7 | 65.0 | 42.1 | 44.2 | 917.1 | | |
| 65° | 44.9 | 47.0 | 60.8 | 84.9 | 110.7 | 51.4 | 33.0 | 32.6 | 949.7 | | |
| 70° | 31.7 | 33.1 | 42.5 | 56.3 | 76.3 | 38.4 | 24.7 | 23.6 | 973.3 | | |
| 75° | 19.0 | 20.1 | 26.0 | 34.9 | 49.6 | 26.3 | 17.0 | 15.4 | 988.7 | | |
| 80° | 8.8 | 9.4 | 12.7 | 18.2 | 27.0 | 15.2 | 9.8 | 8.3 | 997.0 | | |
| 85° | 3.4 | 3.6 | 4.7 | 6.8 | 9.5 | 5.9 | 3.7 | 3.1 | 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

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|-------------------------------------|---|------------------------------|

| UGR-Tabelle | | Standardraum | | | | | | | | | |
|-----------------|-----|-------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
| Raumabmessungen | | Blickrichtung quer zur Leuchte (C0) | | | | | Blickrichtung längs zur Leuchte (C90) | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 24,4 | 26,0 | 24,7 | 26,3 | 26,6 | 23,2 | 24,8 | 23,6 | 25,1 | 25,5 |
| | 3H | 24,5 | 26,0 | 24,9 | 26,3 | 26,7 | 23,5 | 24,9 | 23,9 | 25,3 | 25,6 |
| | 4H | 24,6 | 25,9 | 25,0 | 26,3 | 26,7 | 23,6 | 24,9 | 24,0 | 25,3 | 25,7 |
| | 6H | 24,6 | 25,8 | 25,0 | 26,2 | 26,6 | 23,6 | 24,9 | 24,0 | 25,3 | 25,6 |
| | 8H | 24,6 | 25,8 | 25,1 | 26,2 | 26,6 | 23,6 | 24,8 | 24,0 | 25,2 | 25,6 |
| | 12H | 24,6 | 25,7 | 25,1 | 26,1 | 26,5 | 23,6 | 24,8 | 24,0 | 25,2 | 25,6 |
| 4H | 2H | 24,8 | 26,1 | 25,2 | 26,5 | 26,9 | 23,9 | 25,3 | 24,3 | 25,6 | 26,0 |
| | 3H | 25,0 | 26,2 | 25,5 | 26,6 | 27,0 | 24,6 | 25,8 | 25,1 | 26,2 | 26,6 |
| | 4H | 25,1 | 26,2 | 25,6 | 26,6 | 27,0 | 24,9 | 25,9 | 25,3 | 26,3 | 26,8 |
| | 6H | 25,2 | 26,1 | 25,6 | 26,5 | 26,9 | 25,0 | 25,9 | 25,5 | 26,3 | 26,8 |
| | 8H | 25,2 | 26,0 | 25,7 | 26,4 | 26,9 | 25,0 | 25,9 | 25,5 | 26,3 | 26,8 |
| | 12H | 25,2 | 25,9 | 25,7 | 26,4 | 26,8 | 25,0 | 25,8 | 25,5 | 26,2 | 26,7 |
| 8H | 4H | 25,3 | 26,1 | 25,8 | 26,6 | 27,0 | 25,1 | 25,9 | 25,6 | 26,3 | 26,8 |
| | 6H | 25,4 | 26,0 | 25,9 | 26,5 | 27,0 | 25,4 | 26,1 | 25,9 | 26,5 | 27,0 |
| | 8H | 25,4 | 26,0 | 25,9 | 26,5 | 27,0 | 25,5 | 26,1 | 26,0 | 26,6 | 27,1 |
| | 12H | 25,4 | 25,9 | 25,9 | 26,4 | 26,9 | 25,5 | 26,0 | 26,0 | 26,5 | 27,1 |
| 12H | 4H | 25,3 | 26,1 | 25,8 | 26,5 | 27,0 | 25,1 | 25,8 | 25,6 | 26,3 | 26,8 |
| | 6H | 25,4 | 26,0 | 25,9 | 26,5 | 27,0 | 25,4 | 26,0 | 25,9 | 26,5 | 27,0 |
| | 8H | 25,4 | 25,9 | 25,9 | 26,4 | 27,0 | 25,5 | 26,0 | 26,1 | 26,5 | 27,1 |

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

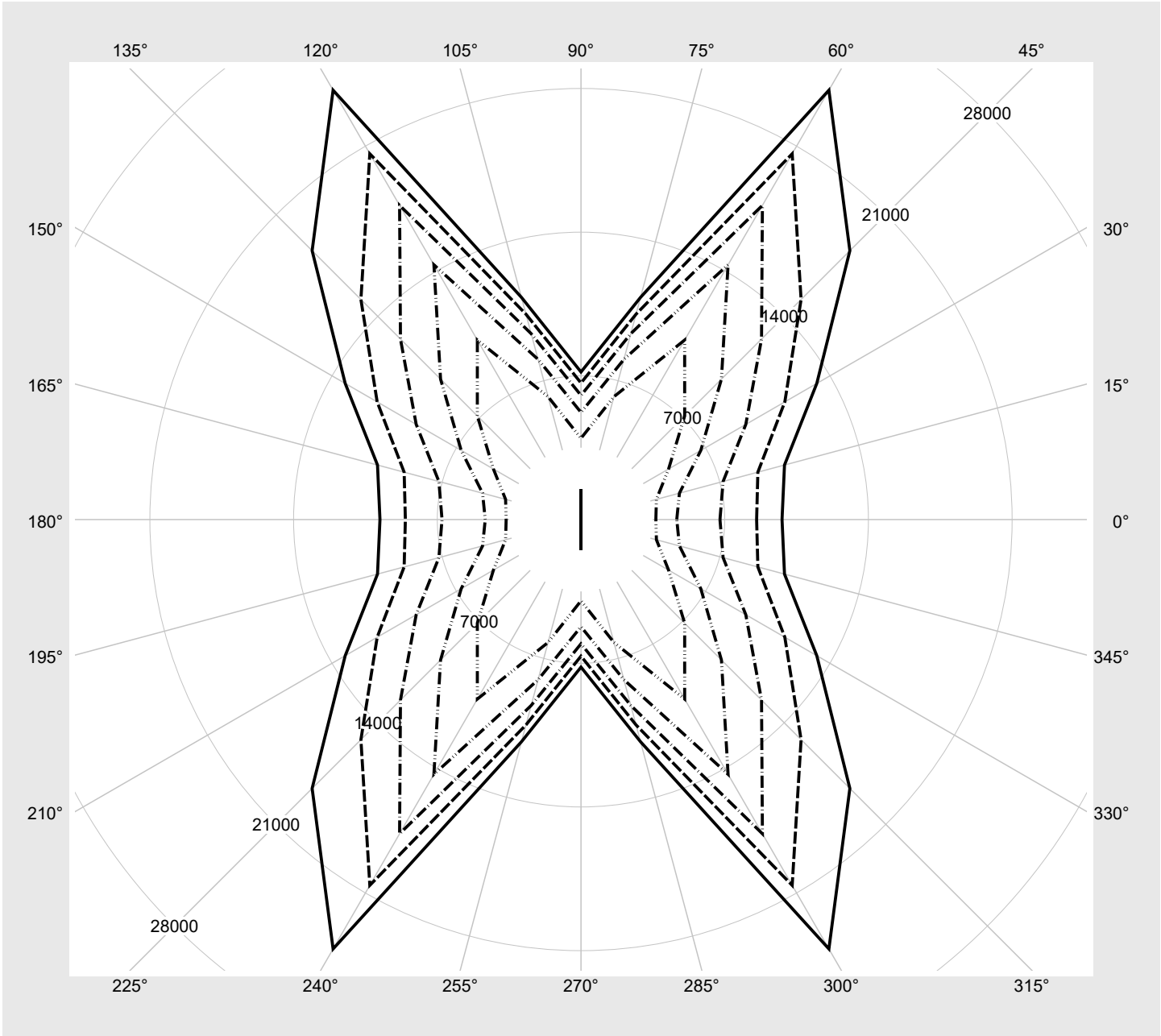
Lichttechnische Abmessungen in mm: **L = 1500**
B = 58

| 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° | | 35025.2 | 39078.9 | 59840.6 | 78894.2 | 43538.7 | 15971.6 | 11887.7 |
| 50° | | 21377.8 | 24141.8 | 39657.3 | 60200.1 | 37189.8 | 13970.7 | 9892.2 |
| 55° | | 13715.5 | 15347.6 | 24303.6 | 39524.8 | 32094.4 | 12737.7 | 8528.2 |
| 60° | | 10931.9 | 11753.1 | 16226.0 | 25528.9 | 28148.4 | 11992.6 | 7762.8 |
| 65° | | 9792.5 | 10262.4 | 13262.5 | 18521.3 | 24151.1 | 11205.6 | 7188.8 |
| 70° | | 8554.8 | 8918.9 | 11464.6 | 15161.2 | 20574.1 | 10356.6 | 6652.8 |
| 75° | | 6769.4 | 7166.5 | 9269.4 | 12436.4 | 17673.9 | 9374.1 | 6051.7 |
| 80° | | 4664.7 | 4964.1 | 6738.8 | 9674.0 | 14329.1 | 8078.7 | 5221.1 |
| 85° | | 3645.9 | 3803.5 | 4926.7 | 7141.5 | 10097.8 | 6196.0 | 3960.0 |

Lichttechnischer Prüfbefund

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|--|---|-------------------------------------|

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



Lichttechnischer Prüfbefund

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Licross® Recessed

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LP-Nummer
58532_18

Multilumen-Tabelle

Umgebungstemperatur: 25°C



| DIP-Stufe | Schalterstellung | | | Lichtstrom [lm] | Systemleistung [W] | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|-----------|------------------|---|---|--------------------|-----------------------|---------------------------------------|------------------------------------|
| | 1 | 2 | 3 | | | | |
| 1 | A | C | E | 8020 | 48.5 | 53.0 | 50.8 |
| 2 | A | C | F | 7620 | 45.8 | 50.7 | 48.2 |
| 3 | A | D | E | 7140 | 42.7 | 47.1 | 44.9 |
| 4 | A | D | F | 6590 | 39.1 | 43.1 | 41.1 |
| 5 | B | C | E | 6170 | 36.5 | 39.9 | 38.2 |
| 6 | B | C | F | 5610 | 33.0 | 36.0 | 34.5 |
| 7 | B | D | E | 5110 | 29.9 | 32.5 | 31.2 |
| 8 | B | D | F | 4610 | 26.9 | 29.4 | 28.2 |