

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TE11VN4C5SD
EAN: 4069025093592

LP-Nummer
58525_206



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-DALI CLO

Einstellung DC Betrieb (Zentral- / Gruppenakku) Initiales Notlichtlevel

Bemessungswerte Nettolichtstrom = 2050 lm
Systemleistung = 12.3 W
Lichtausbeute = 166.7 lm/W

Seriendokumentation
15.04.2024

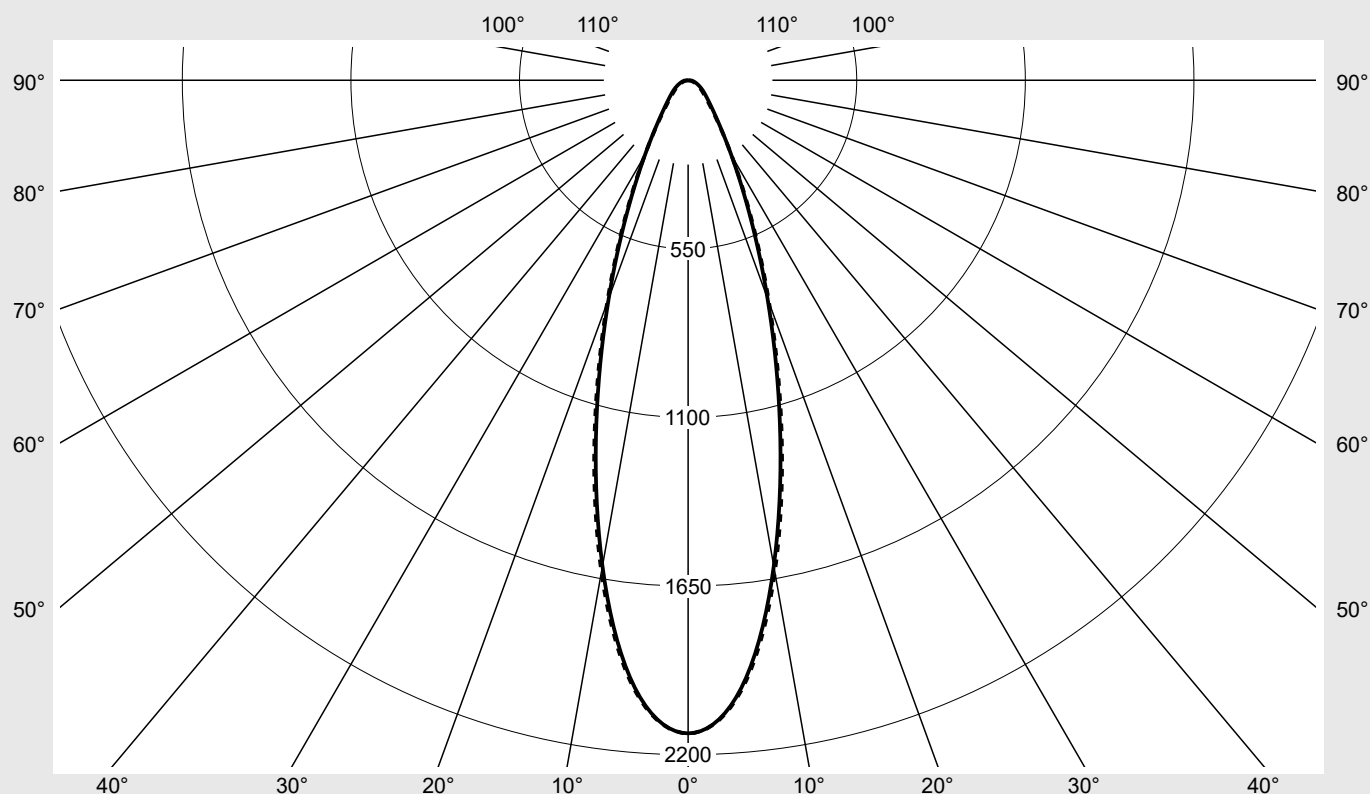
sITeco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 2130 cd/klm



Klassifizierungen

DIN 5040 A 7 1
CIE N1=84 N2=94 N3=98
N4=99 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 99,1%
 ϕ_o 0,9%

Messbedingungen

DIN EN 13032 und DIN 5032

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| | | |
|---|--|--------------------------------------|
| Familie Licross® 11 Recessed | Bestell-Nr.: 51TE11VN4C5SD EAN: 4069025093592 | LP-Nummer 58525_206 |
| 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° | 2130.5 | 2130.5 | 2130.5 | 2130.5 | 2130.5 | 2130.5 | 2130.5 | 12.7 | 12.7 |
| 5° | 1990.0 | 1982.4 | 1972.8 | 1980.9 | 1991.5 | 1994.0 | 1997.3 | 94.9 | 107.6 |
| 10° | 1609.4 | 1602.7 | 1594.9 | 1604.0 | 1616.7 | 1623.6 | 1628.9 | 153.3 | 260.9 |
| 15° | 1156.5 | 1152.7 | 1146.1 | 1151.7 | 1161.7 | 1170.4 | 1176.7 | 164.3 | 425.2 |
| 20° | 757.1 | 754.5 | 751.0 | 754.8 | 760.5 | 766.7 | 772.3 | 142.2 | 567.4 |
| 25° | 464.1 | 463.3 | 461.4 | 464.7 | 468.5 | 471.4 | 475.4 | 108.1 | 675.5 |
| 30° | 281.8 | 280.0 | 276.3 | 277.8 | 280.6 | 282.2 | 284.6 | 76.7 | 752.2 |
| 35° | 178.8 | 175.8 | 169.5 | 168.1 | 169.9 | 172.0 | 174.0 | 54.1 | 806.3 |
| 40° | 123.8 | 119.7 | 111.6 | 107.8 | 108.9 | 112.2 | 115.0 | 39.9 | 846.2 |
| 45° | 92.5 | 87.9 | 79.0 | 74.1 | 74.5 | 78.8 | 82.8 | 31.1 | 877.3 |
| 50° | 72.9 | 68.3 | 60.1 | 54.9 | 54.7 | 59.1 | 63.7 | 25.6 | 902.9 |
| 55° | 58.5 | 54.5 | 47.8 | 42.9 | 42.0 | 45.8 | 50.2 | 21.5 | 924.4 |
| 60° | 46.6 | 43.5 | 38.6 | 34.6 | 32.9 | 35.6 | 39.1 | 18.0 | 942.5 |
| 65° | 36.7 | 34.5 | 31.1 | 28.0 | 26.1 | 27.3 | 29.5 | 14.9 | 957.4 |
| 70° | 28.5 | 27.0 | 24.6 | 22.5 | 20.4 | 20.1 | 21.2 | 12.0 | 969.4 |
| 75° | 21.8 | 20.7 | 19.0 | 17.5 | 15.4 | 14.0 | 14.0 | 9.2 | 978.6 |
| 80° | 16.2 | 15.4 | 14.3 | 12.9 | 10.9 | 8.9 | 8.1 | 6.7 | 985.3 |
| 85° | 11.7 | 11.2 | 10.3 | 9.1 | 7.1 | 4.7 | 3.5 | 4.6 | 989.8 |
| 90° | 8.1 | 7.7 | 6.9 | 5.8 | 3.9 | 1.7 | 0.3 | 2.8 | 992.6 |
| 95° | 6.9 | 6.6 | 5.8 | 4.7 | 3.0 | 1.1 | 0.2 | 2.3 | 994.8 |
| 100° | 6.0 | 5.6 | 4.9 | 3.8 | 2.2 | 0.6 | 0.2 | 1.8 | 996.7 |
| 105° | 5.1 | 4.8 | 4.0 | 2.9 | 1.5 | 0.3 | 0.2 | 1.4 | 998.1 |
| 110° | 4.3 | 4.0 | 3.2 | 2.2 | 0.9 | 0.2 | 0.2 | 1.1 | 999.2 |
| 115° | 3.6 | 3.2 | 2.5 | 1.6 | 0.5 | 0.3 | 0.3 | 0.8 | 1000.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 175° | 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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| UGR-Tabelle | | Standardraum | | | | | | | | | |
|-----------------|-----|-------------------------------------|------|------|------|------|---------------------------------------|------|------|------|------|
| Raumabmessungen | | Blickrichtung quer zur Leuchte (C0) | | | | | Blickrichtung längs zur Leuchte (C90) | | | | |
| x | y | | | | | | | | | | |
| 2H | 2H | 12,2 | 13,4 | 12,5 | 13,7 | 14,0 | 11,4 | 12,6 | 11,7 | 12,9 | 13,2 |
| | 3H | 13,4 | 14,5 | 13,8 | 14,8 | 15,2 | 12,3 | 13,4 | 12,7 | 13,7 | 14,1 |
| | 4H | 14,1 | 15,0 | 14,5 | 15,4 | 15,8 | 12,7 | 13,7 | 13,1 | 14,0 | 14,4 |
| | 6H | 14,7 | 15,6 | 15,1 | 16,0 | 16,4 | 13,0 | 13,9 | 13,4 | 14,2 | 14,6 |
| | 8H | 15,2 | 15,9 | 15,6 | 16,3 | 16,7 | 13,2 | 13,9 | 13,6 | 14,3 | 14,7 |
| | 12H | 15,5 | 16,2 | 16,0 | 16,6 | 17,0 | 13,2 | 13,9 | 13,6 | 14,3 | 14,7 |
| 4H | 2H | 12,4 | 13,4 | 12,8 | 13,8 | 14,2 | 11,8 | 12,7 | 12,2 | 13,1 | 13,5 |
| | 3H | 13,9 | 14,7 | 14,3 | 15,1 | 15,5 | 12,9 | 13,7 | 13,3 | 14,1 | 14,5 |
| | 4H | 14,7 | 15,4 | 15,2 | 15,9 | 16,3 | 13,4 | 14,1 | 13,8 | 14,5 | 15,0 |
| | 6H | 15,6 | 16,2 | 16,0 | 16,6 | 17,1 | 13,8 | 14,4 | 14,3 | 14,9 | 15,3 |
| | 8H | 16,0 | 16,6 | 16,5 | 17,0 | 17,5 | 13,9 | 14,5 | 14,4 | 15,0 | 15,4 |
| | 12H | 16,5 | 17,0 | 17,0 | 17,5 | 18,0 | 14,1 | 14,5 | 14,6 | 15,0 | 15,5 |
| 8H | 4H | 14,9 | 15,5 | 15,4 | 15,9 | 16,4 | 13,7 | 14,3 | 14,2 | 14,7 | 15,2 |
| | 6H | 15,9 | 16,4 | 16,4 | 16,9 | 17,4 | 14,3 | 14,8 | 14,8 | 15,2 | 15,8 |
| | 8H | 16,5 | 16,9 | 17,0 | 17,4 | 17,9 | 14,5 | 14,9 | 15,1 | 15,4 | 16,0 |
| | 12H | 17,2 | 17,5 | 17,7 | 18,0 | 18,6 | 14,7 | 15,1 | 15,3 | 15,6 | 16,1 |
| 12H | 4H | 14,9 | 15,4 | 15,4 | 15,9 | 16,4 | 13,8 | 14,3 | 14,3 | 14,8 | 15,3 |
| | 6H | 16,0 | 16,4 | 16,5 | 16,9 | 17,4 | 14,5 | 14,9 | 15,0 | 15,3 | 15,9 |
| | 8H | 16,7 | 17,0 | 17,2 | 17,5 | 18,0 | 14,8 | 15,1 | 15,3 | 15,6 | 16,2 |

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° | | 3083.4 | 2927.6 | 2633.2 | 2469.7 | 2483.5 | 2626.6 | 2757.5 | |
| 50° | | 2672.6 | 2504.3 | 2204.6 | 2013.8 | 2003.5 | 2167.7 | 2333.5 | |
| 55° | | 2404.8 | 2240.4 | 1963.4 | 1763.1 | 1724.3 | 1882.9 | 2062.6 | |
| 60° | | 2198.4 | 2051.9 | 1819.0 | 1628.4 | 1552.5 | 1678.8 | 1842.6 | |
| 65° | | 2046.7 | 1923.8 | 1736.1 | 1563.4 | 1456.4 | 1519.8 | 1642.9 | |
| 70° | | 1962.0 | 1858.1 | 1695.3 | 1547.8 | 1408.7 | 1387.6 | 1458.8 | |
| 75° | | 1980.4 | 1882.1 | 1728.6 | 1589.9 | 1402.7 | 1271.4 | 1275.8 | |
| 80° | | 2201.8 | 2095.1 | 1938.7 | 1752.0 | 1474.6 | 1201.6 | 1092.9 | |
| 85° | | 3171.6 | 3018.8 | 2783.3 | 2468.9 | 1909.8 | 1282.6 | 944.1 | |

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Leuchtdichten in cd/m²

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

siteco

