

Lichttechnischer Prüfbefund

Familie
Scriptus®

Bestell-Nr.: 5MZ314D0TWB
EAN: 4058352198438

LP-Nummer
57450_17



Ausführung symmetrische Bauform, MLA-Optik, Tunable White, direkt/indirekt breit strahlend, UGR≤19

Bestückung LED 3000K + 6500K / CRI ≥ 80
(unbekannt LED 3000K + 6500K / CRI = 80)

Betriebsgerät EVG-DALI

Einstellung indiv. Einstellung: nur Indirektanteil in Betrieb, 3000K

Bemessungswerte Nettolichtstrom = 6780 lm
Systemleistung = 53.4 W
Lichtausbeute = 127 lm/W

Seriendokumentation
11.08.2017

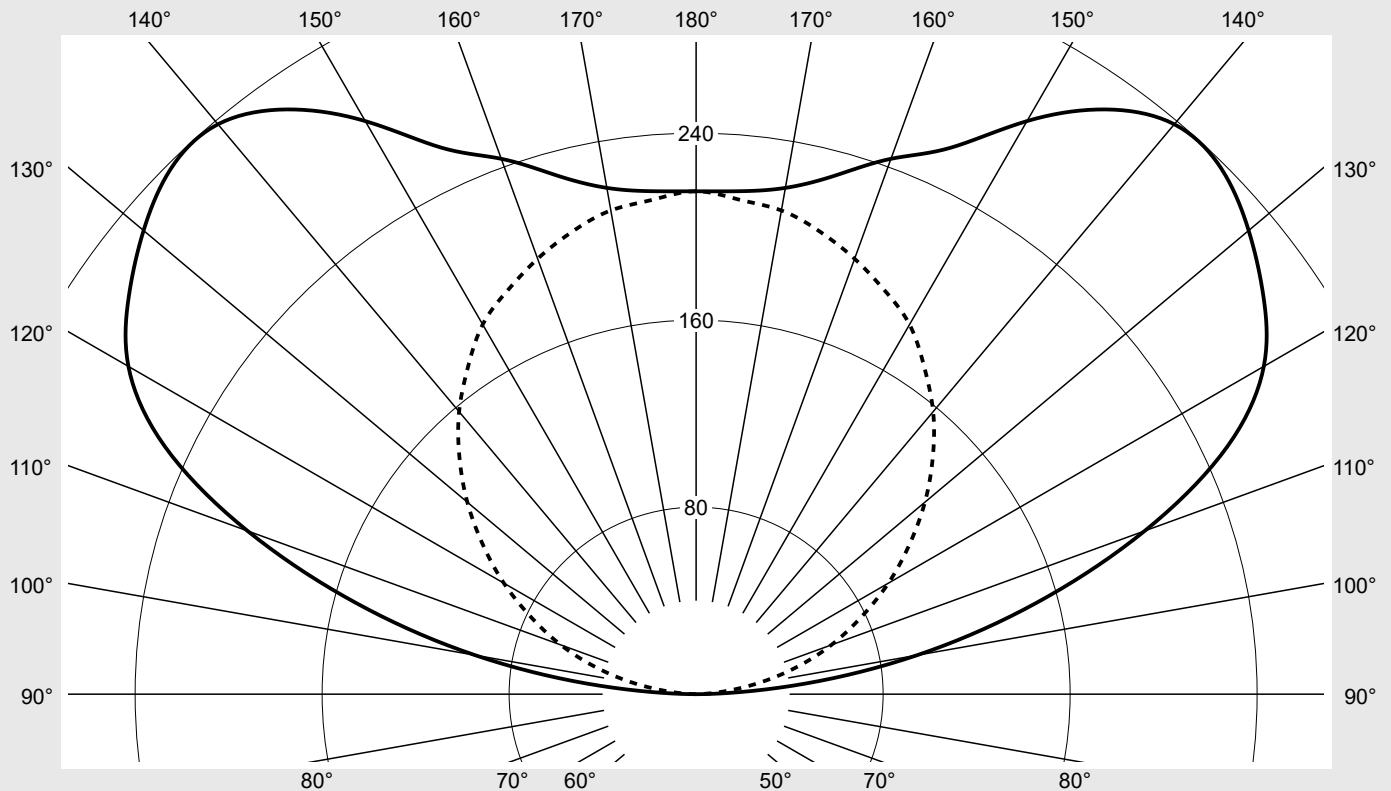
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 318 cd/klm



Klassifizierungen

DIN 5040 E 1 2
CIE N1=0 N2=0 N3=0
N4=0 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 0,0%
 ϕ_o 100,0%

Messbedingungen

DIN EN 13032 und DIN 5032

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| | | |
|--|--|-------------------------------------|
| Familie Scriptus® | Bestell-Nr.: 5MZ314D0TWB EAN: 4058352198438 | LP-Nummer 57450_17 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 0° 180° | 15° 165° 195° 345° | 30° 150° 210° 330° | 45° 135° 225° 315° | 60° 120° 240° 300° | 75° 105° 255° 285° | 90° 270° | Phi-Zone | Summe Phi-Zone |
|--------------|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|----------|-------------------|
| | | | | | | | | | |
| γ | | | | | | | | | |
| 0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.8 | 0.8 | 0.9 | 0.8 | 0.6 | 0.4 | 0.1 | 0.4 | 0.4 |
| 95° | 41.2 | 42.2 | 44.4 | 39.1 | 25.0 | 16.0 | 10.0 | 17.5 | 17.9 |
| 100° | 96.0 | 96.7 | 96.6 | 83.6 | 54.4 | 34.4 | 26.7 | 38.4 | 56.3 |
| 105° | 150.5 | 153.4 | 153.5 | 128.5 | 79.5 | 51.0 | 44.3 | 58.5 | 114.8 |
| 110° | 204.2 | 207.6 | 202.6 | 163.4 | 99.0 | 68.1 | 61.6 | 75.0 | 189.8 |
| 115° | 250.8 | 249.3 | 238.0 | 184.6 | 113.0 | 84.8 | 77.9 | 85.6 | 275.4 |
| 120° | 280.4 | 275.4 | 260.2 | 196.8 | 126.1 | 100.8 | 95.0 | 90.8 | 366.2 |
| 125° | 296.3 | 293.2 | 270.9 | 203.0 | 138.6 | 116.0 | 111.3 | 91.7 | 457.9 |
| 130° | 308.6 | 301.4 | 276.9 | 207.7 | 151.4 | 129.9 | 127.8 | 90.0 | 547.8 |
| 135° | 317.8 | 309.2 | 274.9 | 208.0 | 163.7 | 143.5 | 143.2 | 85.9 | 633.8 |
| 140° | 318.3 | 306.9 | 268.2 | 210.7 | 175.3 | 156.0 | 157.8 | 79.6 | 713.3 |
| 145° | 305.4 | 292.0 | 256.0 | 213.7 | 187.6 | 168.6 | 170.4 | 71.0 | 784.4 |
| 150° | 283.1 | 270.6 | 243.4 | 217.3 | 194.4 | 179.4 | 182.6 | 61.1 | 845.5 |
| 155° | 258.0 | 251.7 | 237.2 | 218.6 | 199.2 | 189.3 | 190.7 | 51.0 | 896.5 |
| 160° | 243.7 | 239.1 | 231.0 | 215.0 | 204.4 | 198.0 | 198.2 | 40.9 | 937.3 |
| 165° | 229.7 | 227.1 | 221.3 | 214.6 | 209.3 | 205.7 | 204.8 | 30.6 | 968.0 |
| 170° | 219.9 | 220.6 | 217.8 | 214.5 | 211.9 | 211.8 | 210.1 | 20.5 | 988.4 |
| 175° | 216.0 | 215.4 | 215.3 | 215.0 | 215.0 | 214.0 | 212.4 | 10.3 | 998.7 |
| 180° | 215.1 | 215.1 | 215.1 | 215.1 | 215.1 | 215.1 | 215.1 | 1.3 | 1000.0 |

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| UGR-Tabelle | Standardraum | sITeco |

Die UGR-Formel ist für diese Leuchtentype nicht anwendbar, siehe LiTG Publikation 20:
 "Das UGR - Verfahren zur Bewertung der Direktblendung der künstlichen Beleuchtung in Innenräumen"

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|------------------------------|---|---|----------------------------------|
| Leuchtdichten-Tabelle | Max. für $\gamma \geq 65^\circ$ | Lichttechnische Abmessungen in mm: | L = 2300 B = 42 |
|------------------------------|---|---|----------------------------------|

| C- Ebenen | γ | 0° | 15° | 30° | 45° | 60° | 75° | 90° |
|--------------|----------|---|------|------|------|------|------|------|
| | | 180° | 165° | 150° | 135° | 120° | 105° | 270° |
| | | 195° | 210° | 225° | 240° | 255° | 285° | 300° |
| | | 345° | 330° | 315° | 300° | 285° | 270° | 255° |
| | | Leuchtdichte in cd/m² | | | | | | |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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

