

Lichttechnischer Prüfbefund

Familie

Lunis mini round

Bestell-Nr.: 51DF21CD2FF22 + 59DL1L0000L0000D0

EAN: 4058352178805 + 4058352093290

LP-Nummer

57885_20

Ausführung

Prismenscheibe, Reflektor, hochglänzend,
elliptisch abstrahlend

Bestückung

LED 3000K / CRI ≥ 80

Betriebsgerät

EVG-DALI

Bemessungswerte

Nettolichtstrom = 2060 lm

Systemleistung = 19.1 W

Lichtausbeute = 107.9 lm/W

Seriendokumentation

06.04.2018

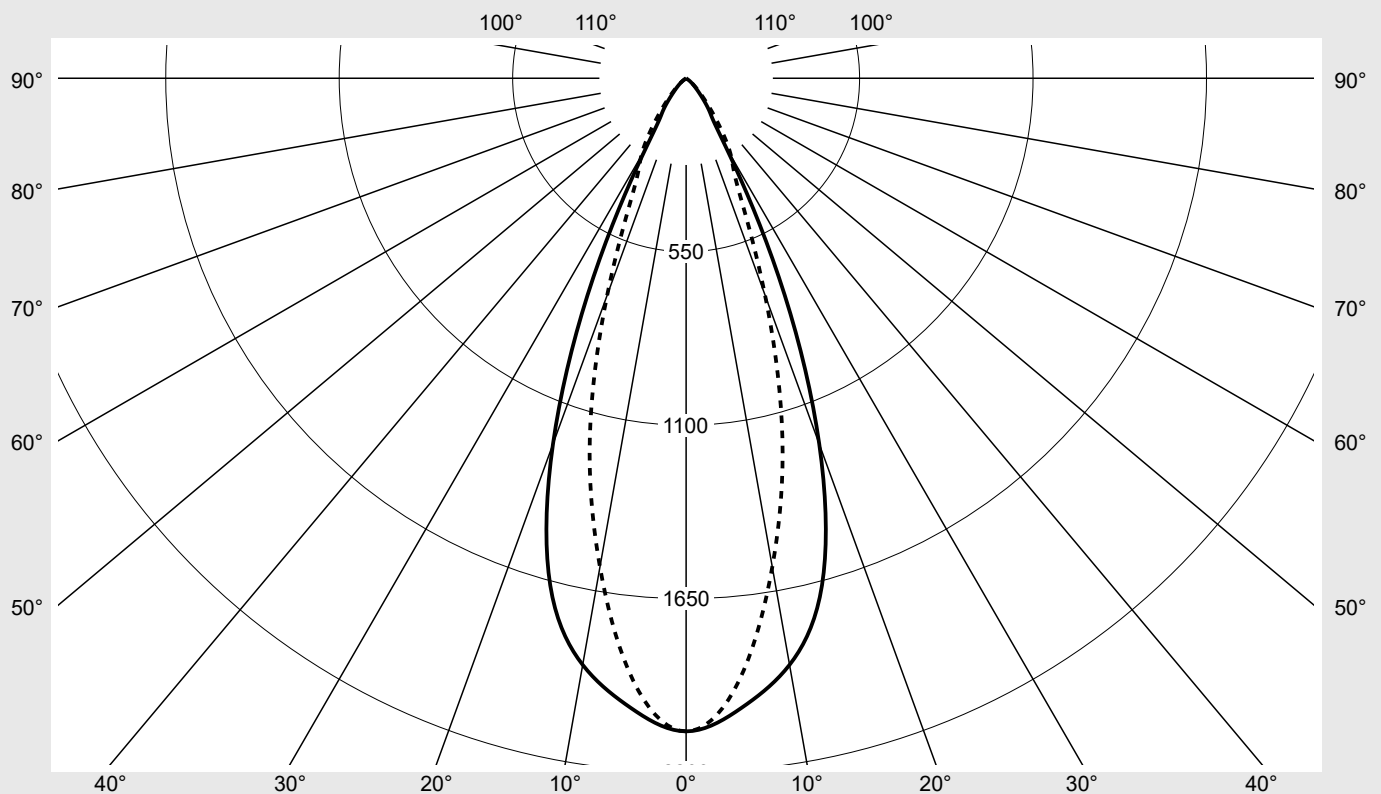
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 2071 cd/klm



Klassifizierungen

DIN 5040 A 8 0

CIE N1=95 N2=100 N3=100

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 Lunis mini round | Bestell-Nr.: 51DF21CD2FF22 + 59DL1L0000L0000D0 EAN: 4058352178805 + 4058352093290 | LP-Nummer 57885_20 |
|------------------------------------|--|------------------------------|

| | | |
|--|-----------------------------|---------------|
| 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° | 2070.8 | 2070.8 | 2070.8 | 2070.8 | 2070.8 | 2070.8 | 2070.8 | 12.4 | 12.4 |
| 5° | 2004.6 | 1995.4 | 1972.6 | 1950.9 | 1934.1 | 1923.7 | 1918.6 | 93.5 | 105.8 |
| 10° | 1888.6 | 1868.2 | 1819.2 | 1750.9 | 1660.3 | 1606.7 | 1573.4 | 165.6 | 271.4 |
| 15° | 1664.5 | 1629.0 | 1560.7 | 1460.1 | 1334.8 | 1223.9 | 1179.6 | 204.1 | 475.5 |
| 20° | 1234.3 | 1172.4 | 1095.7 | 1012.7 | 910.5 | 768.7 | 731.3 | 185.7 | 661.2 |
| 25° | 695.3 | 639.3 | 639.5 | 629.8 | 549.2 | 410.9 | 396.6 | 131.8 | 793.0 |
| 30° | 252.5 | 268.7 | 324.0 | 330.7 | 286.9 | 266.9 | 285.3 | 79.8 | 872.7 |
| 35° | 131.4 | 140.2 | 167.3 | 187.3 | 186.6 | 183.1 | 182.9 | 53.5 | 926.3 |
| 40° | 76.8 | 79.8 | 93.0 | 112.2 | 121.5 | 113.3 | 100.0 | 35.7 | 962.0 |
| 45° | 42.6 | 43.2 | 48.9 | 61.7 | 72.9 | 63.0 | 51.7 | 21.8 | 983.8 |
| 50° | 22.4 | 22.5 | 23.6 | 30.0 | 37.5 | 30.0 | 24.5 | 11.7 | 995.4 |
| 55° | 7.7 | 7.5 | 7.7 | 9.1 | 10.4 | 8.6 | 7.5 | 3.8 | 999.3 |
| 60° | 0.1 | 0.6 | 0.7 | 0.7 | 0.8 | 0.6 | 0.4 | 0.3 | 999.5 |
| 65° | 0.0 | 0.3 | 0.0 | 0.2 | 0.0 | 0.4 | 0.0 | 0.1 | 999.6 |
| 70° | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.1 | 999.7 |
| 75° | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.1 | 999.8 |
| 80° | 0.0 | 0.4 | 0.0 | 0.4 | 0.0 | 0.5 | 0.0 | 0.1 | 999.9 |
| 85° | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 0.4 | 0.0 | 0.1 | 1000.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 |

Lichttechnischer Prüfbefund

| | | |
|------------------------------------|--|------------------------------|
| Familie Lunis mini round | Bestell-Nr.: 51DF21CD2FF22 + 59DL1L0000L0000D0 EAN: 4058352178805 + 4058352093290 | LP-Nummer 57885_20 |
|------------------------------------|--|------------------------------|

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

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

Lichttechnische Abmessungen in mm: D = 134

| 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° | | 8806.4 | 8915.5 | 10094.0 | 12738.6 | 15057.8 | 13012.3 | 10675.3 |
| 50° | | 5089.0 | 5104.7 | 5355.8 | 6809.5 | 8517.9 | 6827.2 | 5568.5 |
| 55° | | 1954.6 | 1910.5 | 1966.0 | 2321.8 | 2646.5 | 2188.1 | 1915.1 |
| 60° | | 17.2 | 171.8 | 202.2 | 211.2 | 225.2 | 170.9 | 127.4 |
| 65° | | 5.2 | 94.7 | 1.4 | 78.8 | 9.0 | 129.3 | 3.8 |
| 70° | | 4.3 | 152.9 | 3.4 | 155.5 | 1.3 | 156.3 | 0.0 |
| 75° | | 2.8 | 204.3 | 2.3 | 205.4 | 0.6 | 202.6 | 0.0 |
| 80° | | 1.7 | 311.2 | 0.8 | 314.6 | 0.8 | 382.7 | 0.0 |
| 85° | | 3.4 | 583.2 | 3.4 | 561.5 | 1.7 | 621.8 | 0.0 |

Lichttechnischer Prüfbefund

| | | |
|------------------------------------|--|------------------------------|
| Familie Lunis mini round | Bestell-Nr.: 51DF21CD2FF22 + 59DL1L0000L0000D0 EAN: 4058352178805 + 4058352093290 | LP-Nummer 57885_20 |
|------------------------------------|--|------------------------------|

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

