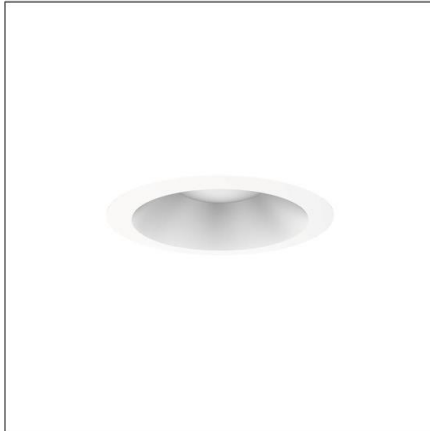


Lichttechnischer Prüfbefund

Familie
Lunis 31

Bestell-Nr.: 51DN16DG42
EAN: 4058352556054

LP-Nummer
59322_2



Ausführung Abdeckung, diffus, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 2150 lm
 Systemleistung = 17.0 W
 Lichtausbeute = 126.5 lm/W

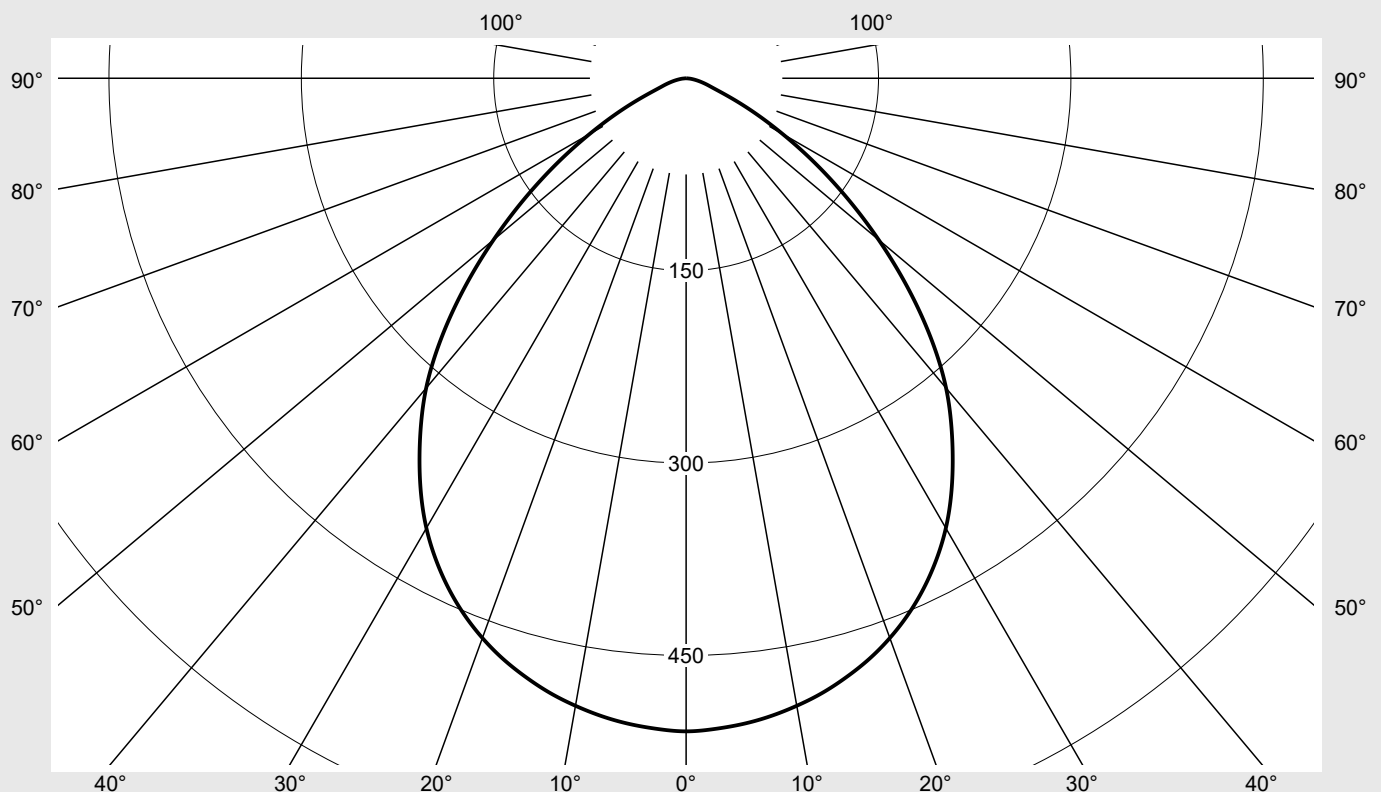
Seriendokumentation
15.06.2022

sITeco

Lichtstärke in cd/klm

C180-0

Imax: 509 cd/klm



Klassifizierungen

DIN 5040 A 5 0
 CIE N1=64 N2=93 N3=99
 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

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

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|--|-----------------------------|---------------|
| Wertetabelle Lichtstärkemessung | Maximale Lichtstärke | sITeco |
|--|-----------------------------|---------------|

| C- Ebenen | 0° | Phi-Zone | Summe Phi-Zone |
|--------------|-----------------------|----------------------|-------------------|
| γ | Lichtstärke in cd/klm | Lichtstrom in lm/klm | |
| 0,0° | 509.2 | 0.8 | 0.8 |
| 2,5° | 507.8 | 6.1 | 6.8 |
| 5,0° | 505.4 | 12.1 | 18.9 |
| 7,5° | 501.7 | 18.0 | 36.9 |
| 10,0° | 496.8 | 23.6 | 60.5 |
| 12,5° | 490.8 | 29.1 | 89.6 |
| 15,0° | 483.3 | 34.3 | 123.9 |
| 17,5° | 474.7 | 39.1 | 163.1 |
| 20,0° | 464.4 | 43.5 | 206.6 |
| 22,5° | 452.4 | 47.5 | 254.1 |
| 25,0° | 438.6 | 50.8 | 304.9 |
| 27,5° | 422.8 | 53.5 | 358.4 |
| 30,0° | 405.0 | 55.5 | 413.9 |
| 32,5° | 384.6 | 56.7 | 470.6 |
| 35,0° | 362.4 | 57.0 | 527.5 |
| 37,5° | 339.5 | 56.7 | 584.2 |
| 40,0° | 315.3 | 55.6 | 639.7 |
| 42,5° | 287.7 | 53.3 | 693.0 |
| 45,0° | 257.7 | 50.0 | 743.0 |
| 47,5° | 226.8 | 45.8 | 788.8 |
| 50,0° | 196.0 | 41.2 | 830.0 |
| 52,5° | 166.3 | 36.2 | 866.1 |
| 55,0° | 138.0 | 31.0 | 897.1 |
| 57,5° | 111.4 | 25.8 | 922.9 |
| 60,0° | 86.8 | 20.6 | 943.5 |
| 62,5° | 65.4 | 15.9 | 959.4 |
| 65,0° | 47.0 | 11.7 | 971.1 |
| 67,5° | 32.2 | 8.1 | 979.2 |
| 70,0° | 22.8 | 5.9 | 985.1 |
| 72,5° | 17.7 | 4.6 | 989.7 |
| 75,0° | 13.7 | 3.6 | 993.3 |
| 77,5° | 10.2 | 2.7 | 996.1 |
| 80,0° | 7.1 | 1.9 | 998.0 |
| 82,5° | 4.5 | 1.2 | 999.2 |
| 85,0° | 2.3 | 0.6 | 999.9 |
| 87,5° | 0.5 | 0.1 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 1000.0 |

Lichttechnischer Prüfbefund

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

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

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$ Lichttechnische Abmessungen in mm: D = 204

| C-Ebenen | 0° |
|----------|-----------------------------------|
| γ | Leuchtdichte in cd/m ² |
| 45,0° | 23973.9 |
| 50,0° | 20056.0 |
| 55,0° | 15821.8 |
| 60,0° | 11415.4 |
| 65,0° | 7315.4 |
| 70,0° | 4386.6 |
| 75,0° | 3474.8 |
| 80,0° | 2702.4 |
| 85,0° | 1761.5 |

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

