

Lichttechnischer Prüfbefund

Familie
Spot 21 Standard

Bestell-Nr.: 51SE34DB11B2C
EAN: 4069025447593

LP-Nummer
59934_32



Ausführung Gehäuse, schwarz, Reflektor, Abdeckglas, klar, breit strahlend

Bestückung LED 3000 K | CRI ≥ 90

Betriebsgerät EVG-DALI-Multilumen

Bemessungswerte Nettolichtstrom = 1140 lm
Systemleistung = 8.1 W
Lichtausbeute = 140.7 lm/W

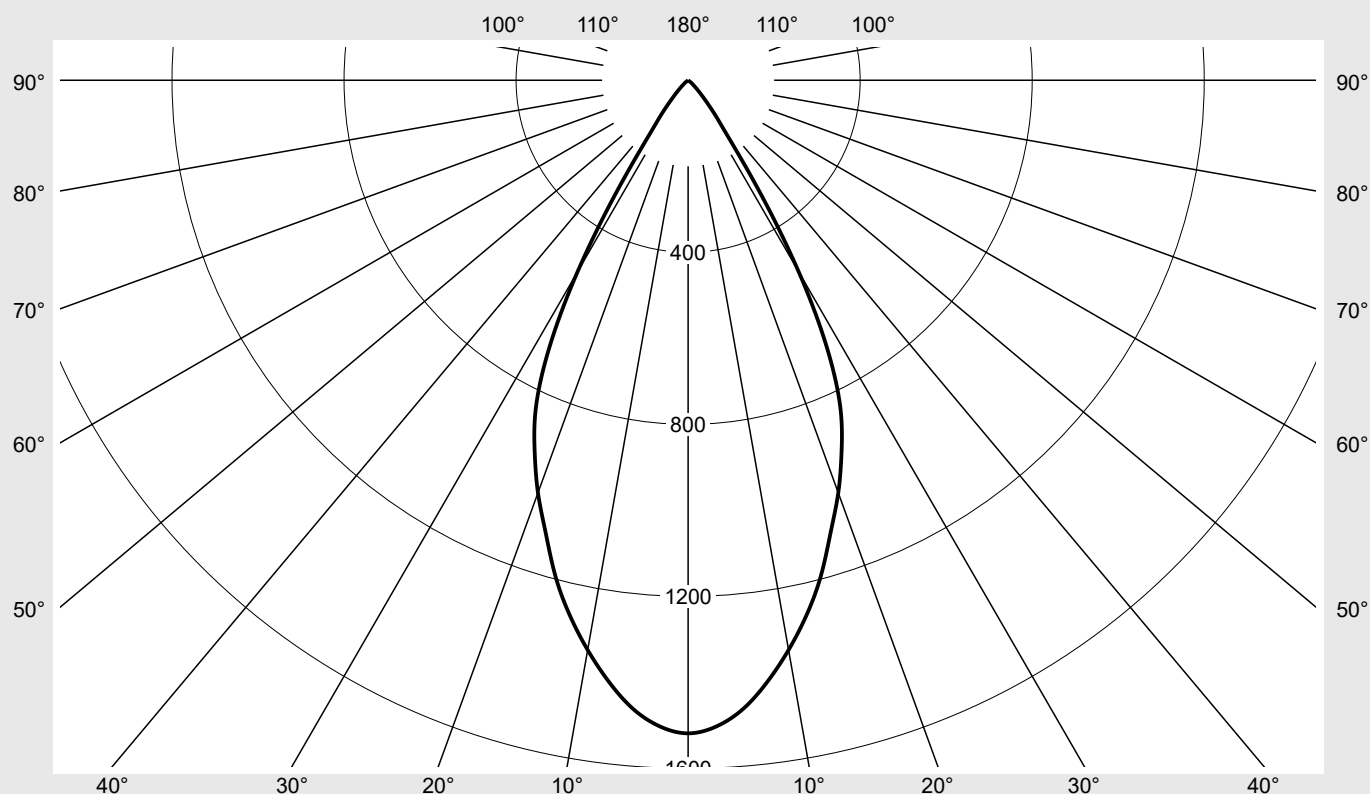
Seriendokumentation
11.05.2026

sITeco

Lichtstärke in cd/klm

C180-0

Imax: 1518 cd/klm



Klassifizierungen

DIN 5040 A 8 0
CIE N1=98 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

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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° | 1518.5 | 2.3 | 2.3 |
| 2,5° | 1503.9 | 18.0 | 20.3 |
| 5,0° | 1467.3 | 35.1 | 55.3 |
| 7,5° | 1410.8 | 50.5 | 105.8 |
| 10,0° | 1345.0 | 64.0 | 169.8 |
| 12,5° | 1273.2 | 75.5 | 245.4 |
| 15,0° | 1192.8 | 84.6 | 330.0 |
| 17,5° | 1102.1 | 90.9 | 420.8 |
| 20,0° | 1020.8 | 95.7 | 516.6 |
| 22,5° | 932.5 | 97.8 | 614.4 |
| 25,0° | 836.7 | 96.9 | 711.3 |
| 27,5° | 696.4 | 88.2 | 799.5 |
| 30,0° | 514.1 | 70.5 | 869.9 |
| 32,5° | 318.7 | 46.9 | 916.9 |
| 35,0° | 172.5 | 27.1 | 944.0 |
| 37,5° | 109.8 | 18.3 | 962.3 |
| 40,0° | 70.5 | 12.4 | 974.8 |
| 42,5° | 44.6 | 8.3 | 983.0 |
| 45,0° | 28.1 | 5.4 | 988.5 |
| 47,5° | 17.7 | 3.6 | 992.0 |
| 50,0° | 11.6 | 2.4 | 994.5 |
| 52,5° | 7.9 | 1.7 | 996.2 |
| 55,0° | 5.3 | 1.2 | 997.4 |
| 57,5° | 3.6 | 0.8 | 998.2 |
| 60,0° | 2.5 | 0.6 | 998.8 |
| 62,5° | 1.8 | 0.4 | 999.3 |
| 65,0° | 1.2 | 0.3 | 999.6 |
| 67,5° | 0.8 | 0.2 | 999.8 |
| 70,0° | 0.5 | 0.1 | 999.9 |
| 72,5° | 0.3 | 0.1 | 1000.0 |
| 75,0° | 0.1 | 0.0 | 1000.0 |
| 77,5° | 0.0 | 0.0 | 1000.0 |
| 80,0° | 0.0 | 0.0 | 1000.0 |
| 82,5° | 0.0 | 0.0 | 1000.0 |
| 85,0° | 0.0 | 0.0 | 1000.0 |
| 87,5° | 0.0 | 0.0 | 1000.0 |
| 90,0° | 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 | 15,9 | 16,9 | 16,2 | 17,3 | 17,6 | 15,9 | 16,9 | 16,2 | 17,3 | 17,6 |
| | 3H | 15,7 | 16,6 | 16,1 | 17,0 | 17,3 | 15,7 | 16,6 | 16,1 | 17,0 | 17,3 |
| | 4H | 15,6 | 16,5 | 16,0 | 16,8 | 17,2 | 15,6 | 16,5 | 16,0 | 16,8 | 17,2 |
| | 6H | 15,5 | 16,3 | 15,9 | 16,7 | 17,1 | 15,5 | 16,3 | 15,9 | 16,7 | 17,1 |
| | 8H | 15,6 | 16,2 | 16,1 | 16,6 | 17,0 | 15,6 | 16,2 | 16,1 | 16,6 | 17,0 |
| | 12H | 15,6 | 16,1 | 16,0 | 16,5 | 16,9 | 15,6 | 16,1 | 16,0 | 16,5 | 16,9 |
| 4H | 2H | 15,6 | 16,5 | 16,0 | 16,8 | 17,2 | 15,6 | 16,5 | 16,0 | 16,8 | 17,2 |
| | 3H | 15,4 | 16,1 | 15,9 | 16,5 | 17,0 | 15,4 | 16,1 | 15,9 | 16,5 | 17,0 |
| | 4H | 15,3 | 15,9 | 15,8 | 16,4 | 16,8 | 15,3 | 15,9 | 15,8 | 16,4 | 16,8 |
| | 6H | 15,2 | 15,7 | 15,7 | 16,2 | 16,7 | 15,2 | 15,7 | 15,7 | 16,2 | 16,7 |
| | 8H | 15,2 | 15,6 | 15,7 | 16,1 | 16,6 | 15,2 | 15,6 | 15,7 | 16,1 | 16,6 |
| | 12H | 15,2 | 15,5 | 15,7 | 16,0 | 16,5 | 15,2 | 15,5 | 15,7 | 16,0 | 16,5 |
| 8H | 4H | 15,2 | 15,6 | 15,7 | 16,1 | 16,6 | 15,2 | 15,6 | 15,7 | 16,1 | 16,6 |
| | 6H | 15,1 | 15,4 | 15,6 | 15,9 | 16,4 | 15,1 | 15,4 | 15,6 | 15,9 | 16,4 |
| | 8H | 15,0 | 15,3 | 15,5 | 15,8 | 16,3 | 15,0 | 15,3 | 15,5 | 15,8 | 16,3 |
| | 12H | 14,9 | 15,2 | 15,5 | 15,7 | 16,3 | 14,9 | 15,2 | 15,5 | 15,7 | 16,3 |
| 12H | 4H | 15,2 | 15,5 | 15,7 | 16,0 | 16,5 | 15,2 | 15,5 | 15,7 | 16,0 | 16,5 |
| | 6H | 15,0 | 15,3 | 15,5 | 15,8 | 16,3 | 15,0 | 15,3 | 15,5 | 15,8 | 16,3 |
| | 8H | 14,9 | 15,2 | 15,5 | 15,7 | 16,3 | 14,9 | 15,2 | 15,5 | 15,7 | 16,3 |

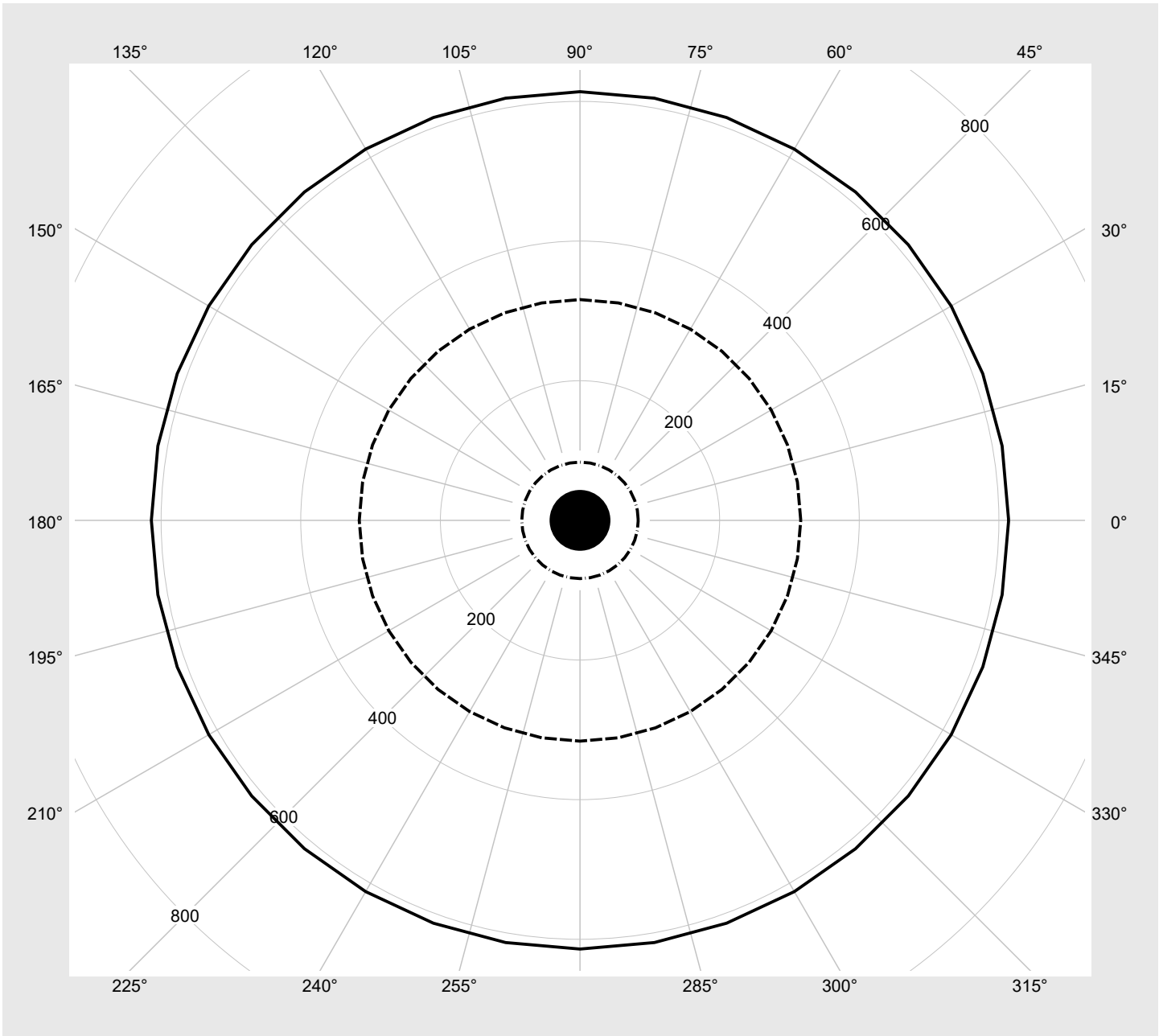
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$ Lichttechnische Abmessungen in mm: D = 82

| C-Ebenen | 0° |
|----------|---------------------------------|
| γ | Leuchtdichte in cd/m^2 |
| 45,0° | 8565.3 |
| 50,0° | 3903.7 |
| 55,0° | 1998.8 |
| 60,0° | 1081.5 |
| 65,0° | 614.0 |
| 70,0° | 316.2 |
| 75,0° | 83.4 |
| 80,0° | 0.0 |
| 85,0° | 0.0 |

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



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| | | |
|---------------------------|---------------------------|---------------|
| Multilumen-Tabelle | Umgebungstemperatur: 25°C | sITeco |
|---------------------------|---------------------------|---------------|

| DIP-Stufe | Schalterstellung | | | | Lichtstrom [lm] | Systemleistung [W] |
|-----------|------------------|-----|-----|-----|--------------------|--------------------|
| | 1 | 2 | 3 | 4 | | |
| ---- | ON | OFF | ON | ON | ---- | ---- |
| ---- | ON | OFF | ON | OFF | ---- | ---- |
| ---- | ON | OFF | OFF | ON | ---- | ---- |
| ---- | ON | OFF | OFF | OFF | ---- | ---- |
| ---- | OFF | ON | ON | ON | ---- | ---- |
| ---- | OFF | ON | ON | OFF | ---- | ---- |
| ---- | OFF | ON | OFF | ON | ---- | ---- |
| ---- | OFF | ON | OFF | OFF | ---- | ---- |
| ---- | OFF | OFF | ON | ON | ---- | ---- |
| ---- | OFF | OFF | ON | OFF | ---- | ---- |
| 1 | OFF | OFF | OFF | ON | 1140 | 8.1 |
| 0 | OFF | OFF | OFF | OFF | 850 | 6.2 |