

Lichttechnischer Prüfbefund

Familie
Floodlight FL21 mini

Bestell-Nr.: 5XA7772B1B1A
EAN: 4058352653814

LP-Nummer
59238_54



| | |
|------------------------|--|
| Ausführung | Tragbügel |
| Optik | direkt, symmetrisch elliptisch strahlend R120004 |
| Abdeckung | Einscheibensicherheitsglas (ESG) |
| Bestückung | LED 2200 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 5230 lm Systemleistung = 45.5 W Lichtausbeute = 114.9 lm/W |

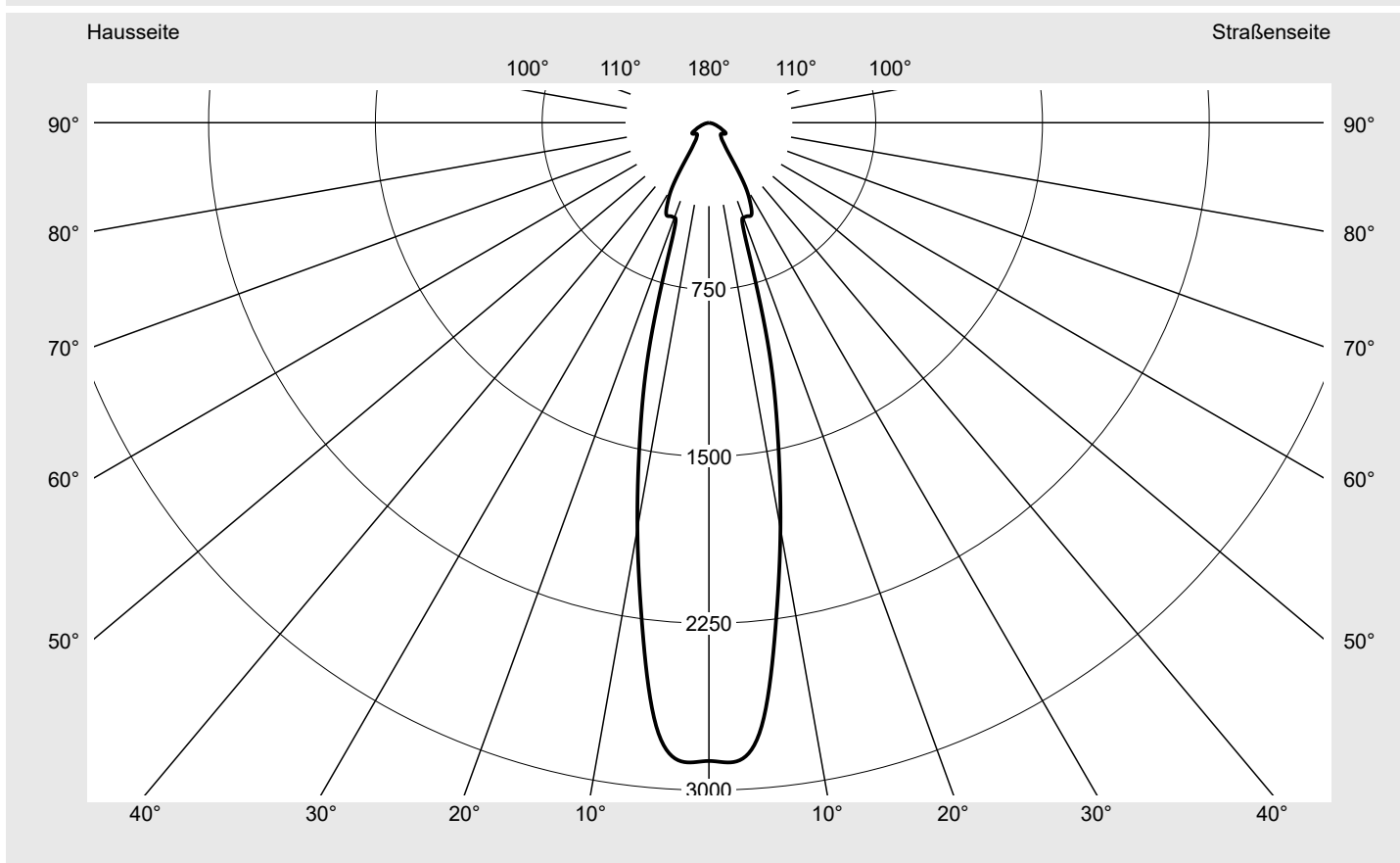
Seriendokumentation
26.08.2022

siteco

Lichtstärke in cd/klm

C180-0

Imax: 2873 cd/klm



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|------|
| Klasse: | G6 |
| Imax 70° | 36.4 |
| Imax 80° | 9.1 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Messbedingungen

DIN EN 13032 und DIN 5032

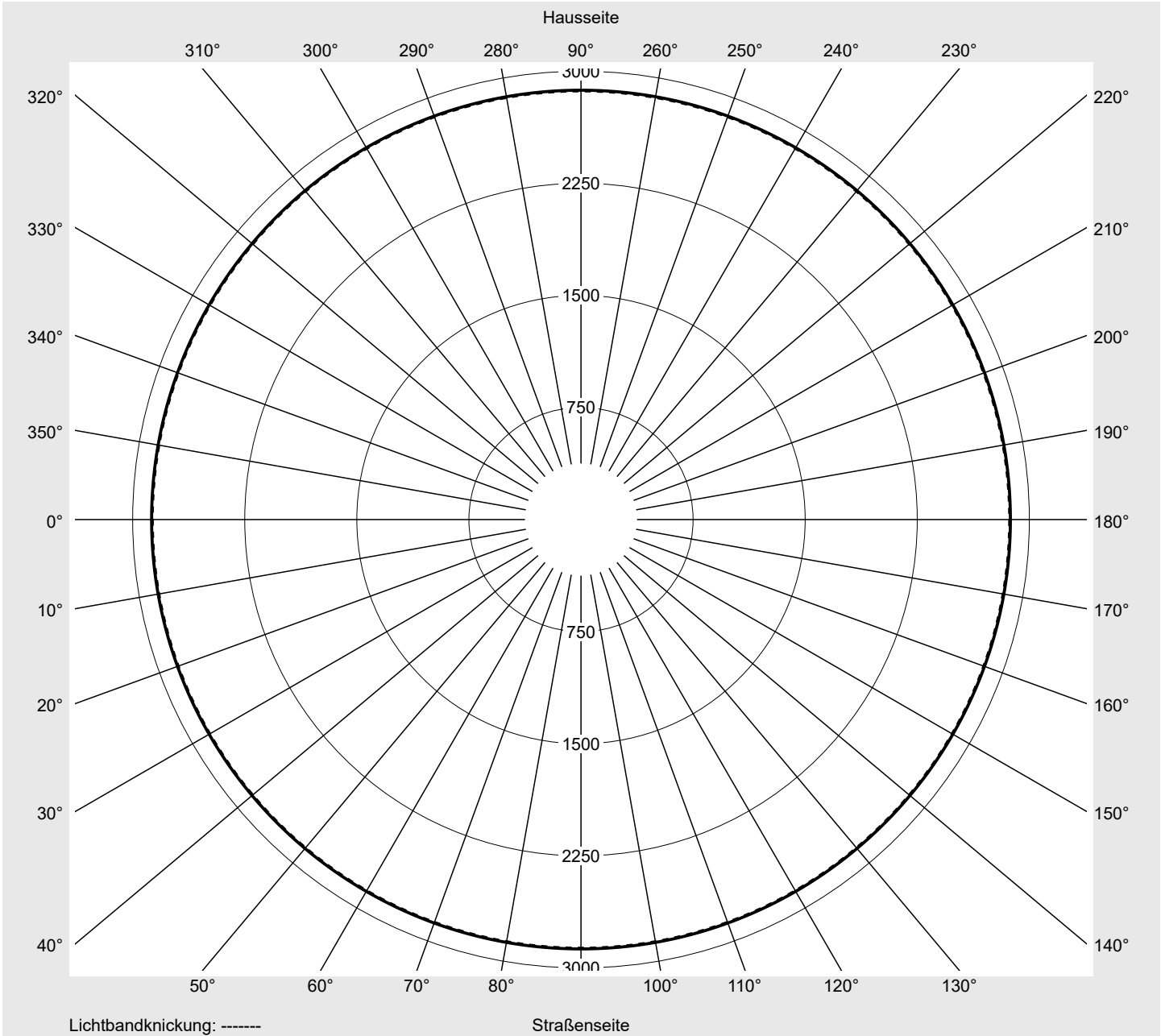
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Kegelmantelkurven in cd/klm KMK 2,5° KMK 0° **siteco**



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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° | 2868.8 | 4.3 | 4.3 |
| 2,5° | 2873.2 | 34.4 | 38.6 |
| 5,0° | 2722.5 | 65.0 | 103.7 |
| 7,5° | 2292.0 | 82.0 | 185.7 |
| 10,0° | 1852.6 | 88.2 | 273.9 |
| 12,5° | 1427.9 | 84.7 | 358.6 |
| 15,0° | 1018.5 | 72.3 | 430.9 |
| 17,5° | 552.2 | 45.5 | 476.4 |
| 20,0° | 453.7 | 42.5 | 518.9 |
| 22,5° | 454.7 | 47.7 | 566.6 |
| 25,0° | 454.2 | 52.6 | 619.2 |
| 27,5° | 400.1 | 50.6 | 669.9 |
| 30,0° | 317.0 | 43.5 | 713.3 |
| 32,5° | 178.5 | 26.3 | 739.6 |
| 35,0° | 121.9 | 19.2 | 758.8 |
| 37,5° | 96.3 | 16.1 | 774.9 |
| 40,0° | 86.4 | 15.2 | 790.1 |
| 42,5° | 78.8 | 14.6 | 804.7 |
| 45,0° | 75.0 | 14.5 | 819.2 |
| 47,5° | 74.2 | 15.0 | 834.2 |
| 50,0° | 76.8 | 16.1 | 850.4 |
| 52,5° | 82.1 | 17.9 | 868.2 |
| 55,0° | 87.5 | 19.7 | 887.9 |
| 57,5° | 89.5 | 20.7 | 908.6 |
| 60,0° | 83.0 | 19.7 | 928.3 |
| 62,5° | 67.2 | 16.3 | 944.6 |
| 65,0° | 57.1 | 14.2 | 958.8 |
| 67,5° | 43.9 | 11.1 | 969.9 |
| 70,0° | 36.4 | 9.4 | 979.3 |
| 72,5° | 27.1 | 7.1 | 986.4 |
| 75,0° | 21.2 | 5.6 | 992.0 |
| 77,5° | 13.7 | 3.7 | 995.6 |
| 80,0° | 9.1 | 2.5 | 998.1 |
| 82,5° | 4.7 | 1.3 | 999.4 |
| 85,0° | 1.8 | 0.5 | 999.9 |
| 87,5° | 0.5 | 0.1 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 1000.0 |

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|---------------------------|---------------------------|---------------|
| Dimmstufen-Tabelle | Umgebungstemperatur: 25°C | siteco |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100 | 254 | 254 | 5230 | 45.5 | 48.0 | 46.8 |
| 95 | 241 | 252 | 4962 | 42.8 | 45.1 | 44.0 |
| 90 | 229 | 250 | 4715 | 40.3 | 42.5 | 41.4 |
| 85 | 216 | 248 | 4448 | 37.7 | 39.7 | 38.7 |
| 80 | 203 | 246 | 4180 | 35.1 | 37.0 | 36.0 |
| 75 | 190 | 243 | 3912 | 32.7 | 34.4 | 33.6 |
| 70 | 178 | 241 | 3665 | 30.5 | 32.1 | 31.3 |
| 65 | 165 | 238 | 3397 | 28.2 | 29.6 | 28.9 |
| 60 | 152 | 235 | 3130 | 25.8 | 27.1 | 26.4 |
| 55 | 140 | 232 | 2883 | 23.6 | 24.9 | 24.2 |
| 50 | 127 | 229 | 2615 | 21.4 | 22.6 | 22.0 |
| 45 | 114 | 225 | 2347 | 19.3 | 20.3 | 19.8 |
| 40 | 102 | 221 | 2100 | 17.4 | 18.2 | 17.8 |
| 35 | 89 | 216 | 1833 | 15.3 | 16.1 | 15.7 |
| 30 | 76 | 210 | 1565 | 13.3 | 13.9 | 13.6 |
| 25 | 63 | 203 | 1297 | 11.4 | 11.9 | 11.6 |
| 20 | 51 | 195 | 1050 | 9.5 | 9.9 | 9.7 |
| 15 | 39 | 185 | 803 | 8.2 | 8.3 | 8.2 |