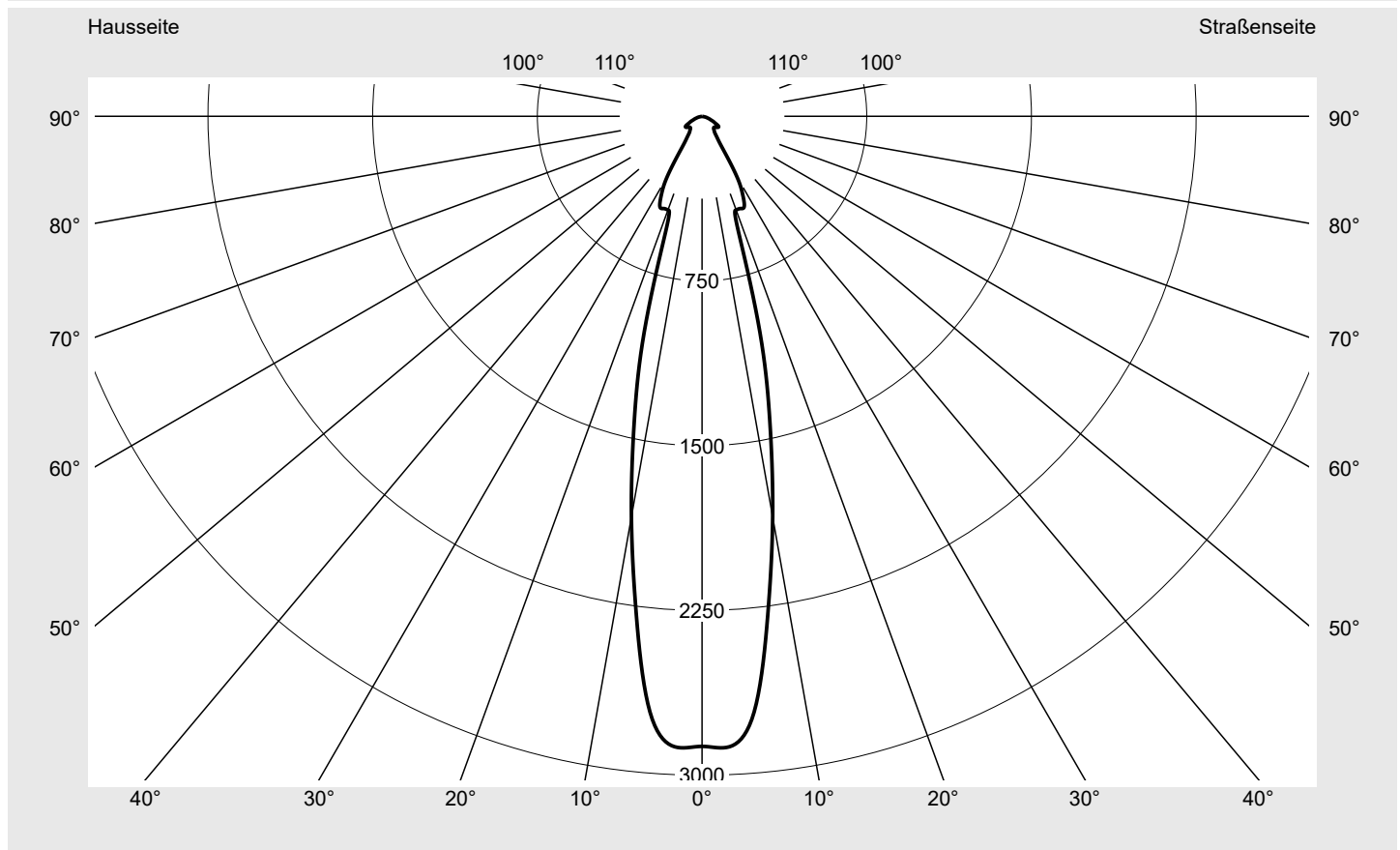


Lichttechnischer Prüfbefund

Familie
Floodlight FL21 midi
Bestell-Nr.: 5XA7781E4B1A
EAN: 4058352852538
LP-Nummer
59238_83


| | |
|------------------------|--|
| Ausführung | Tragbügel |
| Optik | symmetrisch strahlend RS12 |
| Abdeckung | Einscheibensicherheitsglas (ESG) |
| Bestückung | LED 4000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 27880 lm Systemleistung = 208.1 W Lichtausbeute = 134 lm/W |

Seriendokumentation
22.08.2023
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 |

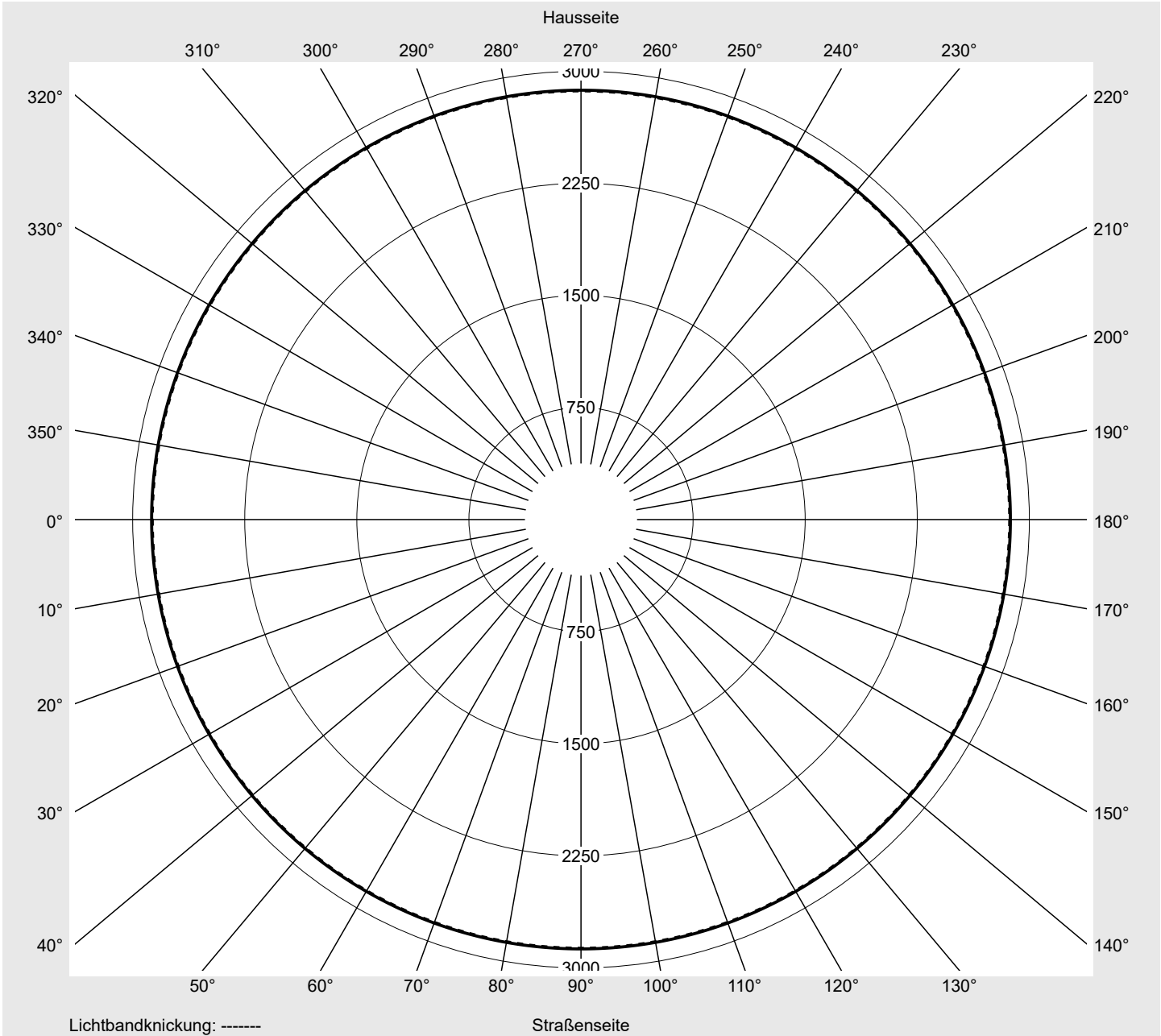
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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|--|---|------------------------------|
| Familie Floodlight FL21 midi | Bestell-Nr.: 5XA7781E4B1A EAN: 4058352852538 | LP-Nummer 59238_83 |
|--|---|------------------------------|

Kegelmantelkurven in cd/klm KMK 2.5° KMK 0° siteco



Lichttechnischer Prüfbefund

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|--|---|-------------------------------------|
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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° | 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 |

Lichttechnischer Prüfbefund

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|--|---|-------------------------------------|
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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 | 27880 | 208.1 | 227.1 | 217.6 |
| 95 | 241 | 252 | 26453 | 193.9 | 211.3 | 202.6 |
| 90 | 229 | 250 | 25136 | 181.3 | 197.6 | 189.4 |
| 85 | 216 | 248 | 23709 | 168.1 | 183.1 | 175.6 |
| 80 | 203 | 246 | 22282 | 155.4 | 169.1 | 162.2 |
| 75 | 190 | 243 | 20855 | 143.4 | 155.7 | 149.6 |
| 70 | 178 | 241 | 19538 | 132.4 | 143.9 | 138.2 |
| 65 | 165 | 238 | 18111 | 121.2 | 131.5 | 126.4 |
| 60 | 152 | 235 | 16684 | 110.3 | 119.6 | 115.0 |
| 55 | 140 | 232 | 15367 | 100.4 | 109.0 | 104.7 |
| 50 | 127 | 229 | 13940 | 90.3 | 97.8 | 94.0 |
| 45 | 114 | 225 | 12513 | 80.2 | 86.9 | 83.6 |
| 40 | 102 | 221 | 11196 | 71.1 | 77.1 | 74.1 |
| 35 | 89 | 216 | 9769 | 61.7 | 66.7 | 64.2 |
| 30 | 76 | 210 | 8342 | 52.5 | 56.7 | 54.6 |
| 25 | 63 | 203 | 6915 | 43.8 | 47.1 | 45.4 |
| 20 | 51 | 195 | 5598 | 36.1 | 38.7 | 37.4 |
| 15 | 38 | 184 | 4171 | 27.8 | 29.7 | 28.8 |
| 13 | 32 | 178 | 3512 | 24.0 | 25.6 | 24.8 |