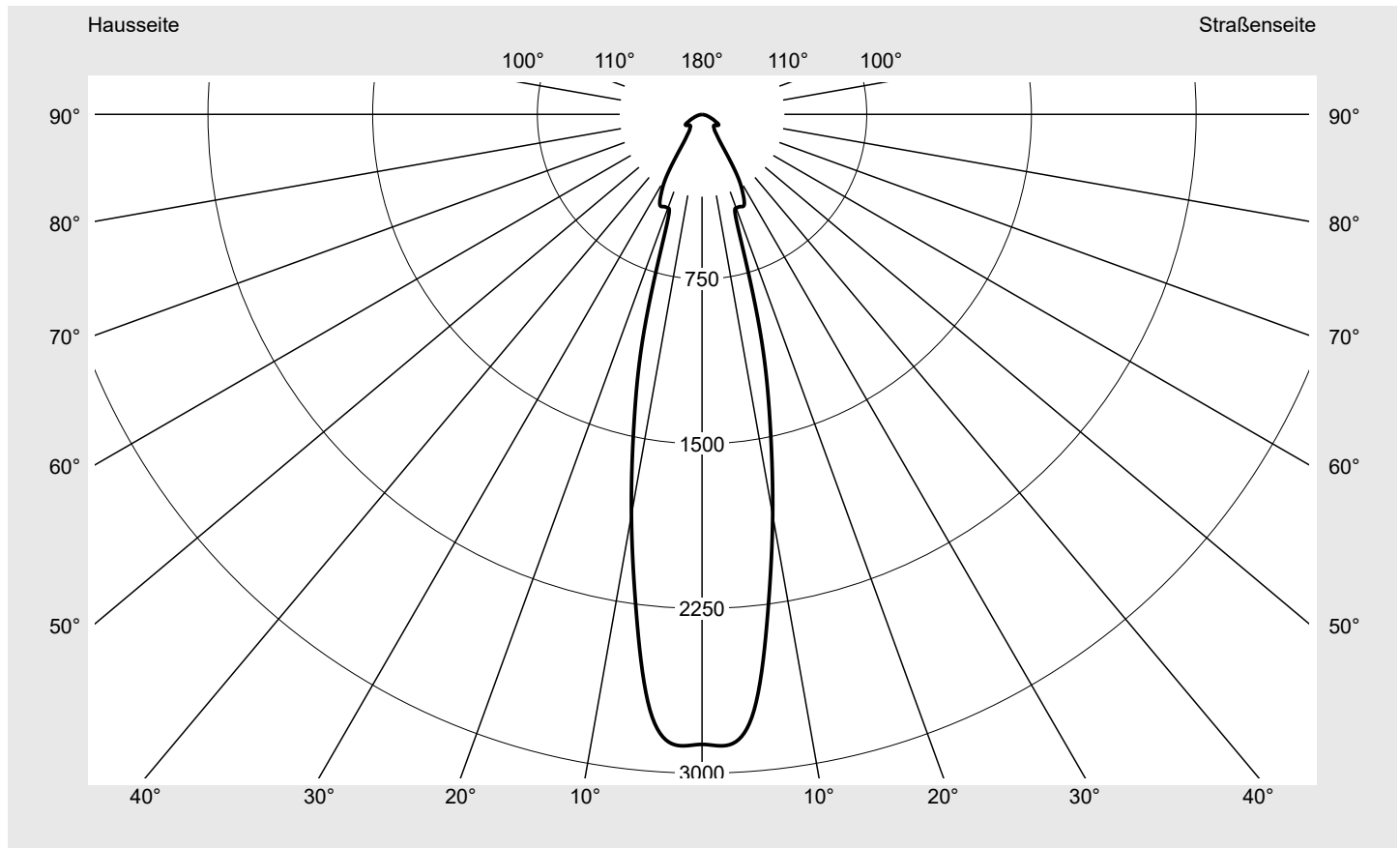


## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight FL21 midi**
**Bestell-Nr.: 5XA7781E6B1A**  
**EAN: 4058352852736**
**LP-Nummer**  
**59238\_89**


|                        |  |
|------------------------|--|
| <b>Ausführung</b>      | Tragbügel  |
| <b>Optik</b>           | direkt, symmetrisch elliptisch strahlend<br>R120004                                  |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)   |
| <b>Bestückung</b>      | LED 5700 K   CRI ≥ 90  |
| <b>Betriebsgerät</b>   | EVG SITECO iQ  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 21420 lm<br>Systemleistung = 208.1 W<br>Lichtausbeute = 102.9 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  |

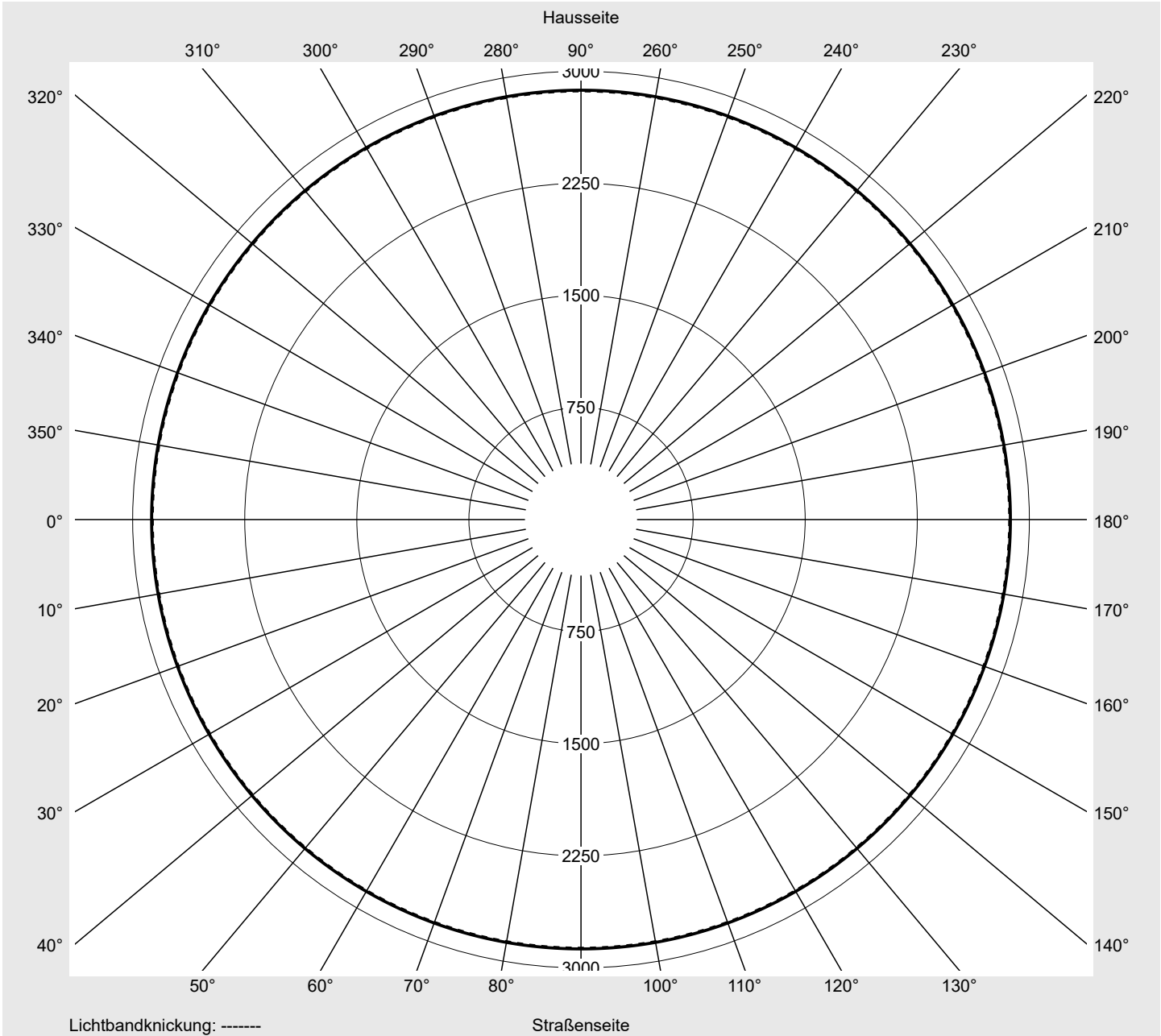
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|  |   |                              |
|--|---|------------------------------|
| <b>Familie</b><br>Floodlight FL21 midi | <b>Bestell-Nr.: 5XA7781E6B1A</b><br><b>EAN: 4058352852736</b> | <b>LP-Nummer</b><br>59238_89 |
|--|---|------------------------------|

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



## Lichttechnischer Prüfbefund

|  |   |                              |
|--|---|------------------------------|
| <b>Familie</b><br>Floodlight FL21 midi | <b>Bestell-Nr.: 5XA7781E6B1A</b><br><b>EAN: 4058352852736</b> | <b>LP-Nummer</b><br>59238_89 |
|--|---|------------------------------|

|  |                             |               |
|--|-----------------------------|---------------|
| <b>Wertetabelle Lichtstärkemessung</b> | <b>Maximale Lichtstärke</b> | <b>siteco</b> |
|--|-----------------------------|---------------|

| C-<br>Ebenen | 0°                    | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|----------------------|-------------------|
| $\gamma$     | 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

|  |   |                                     |
|--|---|-------------------------------------|
| <b>Familie</b><br>Floodlight FL21 midi | <b>Bestell-Nr.: 5XA7781E6B1A</b><br><b>EAN: 4058352852736</b> | <b>LP-Nummer</b><br><b>59238_89</b> |
|--|---|-------------------------------------|

|                           |                           |               |
|---------------------------|---------------------------|---------------|
| <b>Dimmstufen-Tabelle</b> | Umgebungstemperatur: 25°C | <b>siteco</b> |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 21420           | 208.1                                | 227.1                              | 217.6                           |
| 95             | 241              | 252                     | 20324           | 193.9                                | 211.3                              | 202.6                           |
| 90             | 229              | 250                     | 19312           | 181.2                                | 197.5                              | 189.4                           |
| 85             | 216              | 248                     | 18215           | 168.0                                | 183.0                              | 175.5                           |
| 80             | 203              | 246                     | 17119           | 155.3                                | 168.9                              | 162.1                           |
| 75             | 190              | 243                     | 16023           | 143.2                                | 155.5                              | 149.4                           |
| 70             | 178              | 241                     | 15011           | 132.3                                | 143.7                              | 138.0                           |
| 65             | 165              | 238                     | 13915           | 120.9                                | 131.3                              | 126.1                           |
| 60             | 152              | 235                     | 12818           | 110.1                                | 119.4                              | 114.8                           |
| 55             | 140              | 232                     | 11806           | 100.2                                | 108.8                              | 104.5                           |
| 50             | 127              | 229                     | 10710           | 90.0                                 | 97.5                               | 93.8                            |
| 45             | 114              | 225                     | 9614            | 80.0                                 | 86.6                               | 83.3                            |
| 40             | 102              | 221                     | 8602            | 70.9                                 | 76.9                               | 73.9                            |
| 35             | 89               | 216                     | 7505            | 61.5                                 | 66.5                               | 64.0                            |
| 30             | 76               | 210                     | 6409            | 52.3                                 | 56.5                               | 54.4                            |
| 25             | 63               | 203                     | 5313            | 43.7                                 | 47.0                               | 45.4                            |
| 20             | 51               | 195                     | 4301            | 35.9                                 | 38.5                               | 37.2                            |
| 15             | 38               | 184                     | 3205            | 27.7                                 | 29.6                               | 28.6                            |
| 13             | 32               | 178                     | 2699            | 24.0                                 | 25.5                               | 24.8                            |