

## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight 20 midi LED**

**Bestell-Nr.: 5XA7682D2B1AC**  
**EAN: 4058352222652**

**LP-Nummer**  
**58579\_3**



**Ausführung** Tragbügel  
**Optik** symmetrisch strahlend RS17  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** 1 x LED 4000K / CRI ≥ 70  
(unbekannt LED 4000K / CRI = 70)  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 19540 lm  
Systemleistung = 142.0 W  
Lichtausbeute = 137.6 lm/W

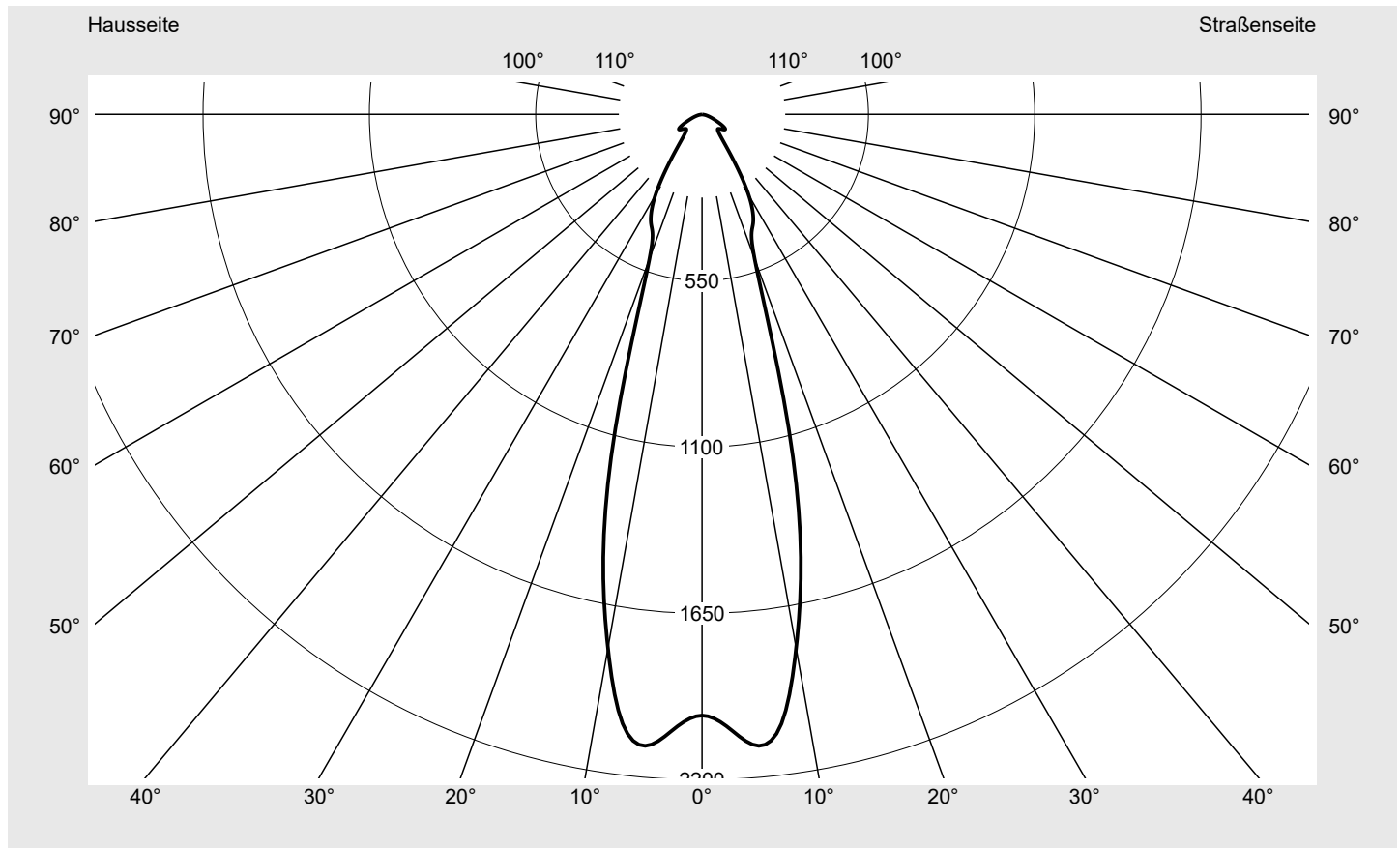
**Seriendokumentation**  
**25.08.2021**

**sitEco**

**Lichtstärke in cd/klm**

**C180-0**

**Imax: 2095 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |      |
|-----------|------|
| Klasse:   | G6   |
| Imax 70°  | 33.2 |
| Imax 80°  | 8.4  |
| Imax 90°  | 0.0  |
| Imax >90° | 0.0  |
| Imax >95° | 0.0  |

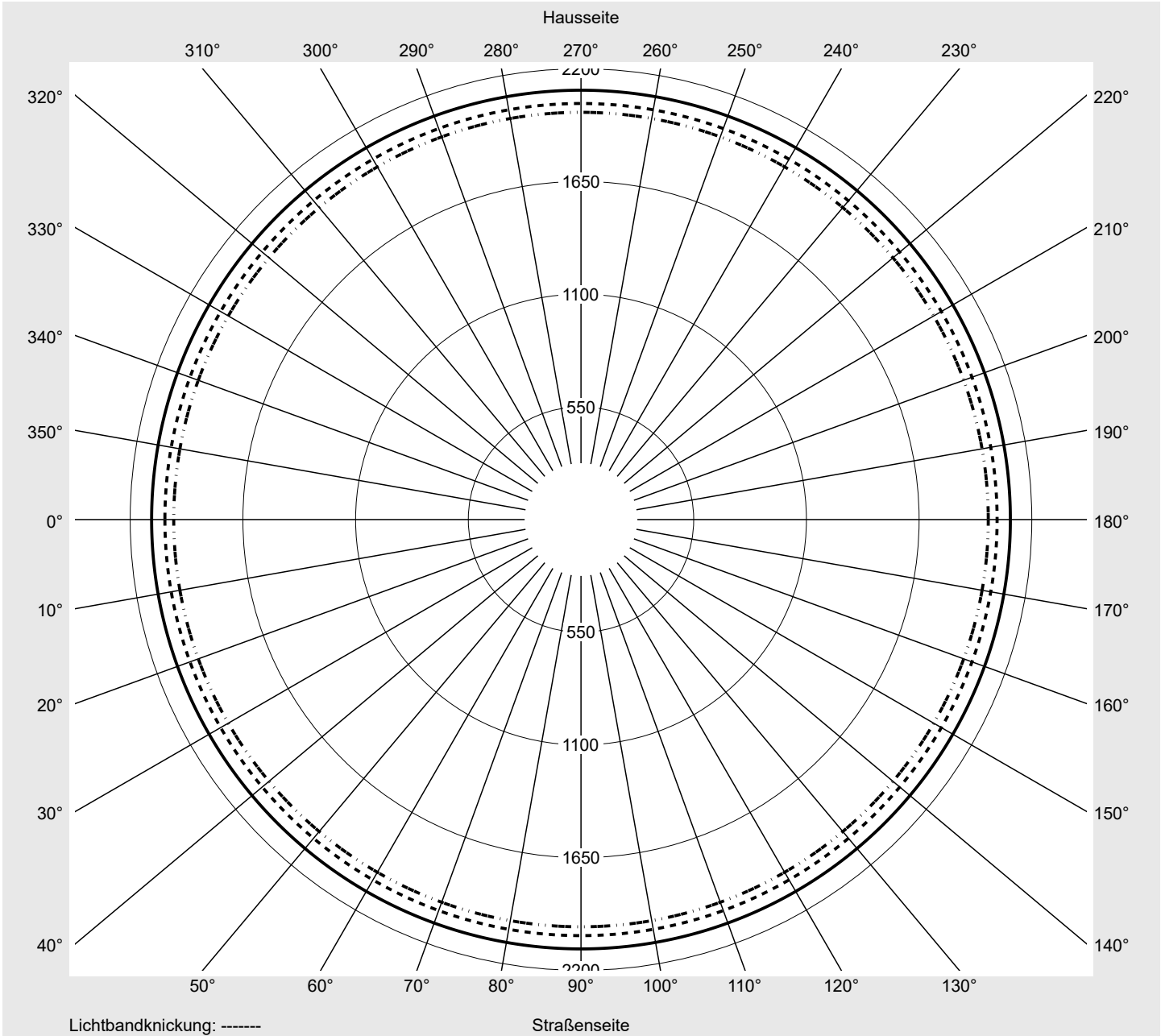
**Messbedingungen**

DIN EN 13032 und DIN 5032

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|  |  |                             |
|--|--|-----------------------------|
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**Kegelmantelkurven in cd/klm** KMK 5° KMK 2.5° KMK 0° siteco



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|  |                             |               |
|--|-----------------------------|---------------|
| <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°         | 1987.6                | 3.0                  | 3.0               |
| 2,5°         | 2030.7                | 24.3                 | 27.3              |
| 5,0°         | 2095.5                | 50.1                 | 77.3              |
| 7,5°         | 2026.9                | 72.5                 | 149.8             |
| 10,0°        | 1791.8                | 85.3                 | 235.1             |
| 12,5°        | 1509.5                | 89.6                 | 324.7             |
| 15,0°        | 1149.0                | 81.5                 | 406.2             |
| 17,5°        | 740.6                 | 61.1                 | 467.3             |
| 20,0°        | 508.4                 | 47.7                 | 514.9             |
| 22,5°        | 427.7                 | 44.9                 | 559.8             |
| 25,0°        | 399.1                 | 46.2                 | 606.1             |
| 27,5°        | 363.0                 | 45.9                 | 652.0             |
| 30,0°        | 308.9                 | 42.3                 | 694.3             |
| 32,5°        | 237.9                 | 35.0                 | 729.4             |
| 35,0°        | 171.0                 | 26.9                 | 756.3             |
| 37,5°        | 124.2                 | 20.7                 | 777.0             |
| 40,0°        | 96.7                  | 17.0                 | 794.0             |
| 42,5°        | 81.3                  | 15.1                 | 809.1             |
| 45,0°        | 73.6                  | 14.3                 | 823.4             |
| 47,5°        | 71.2                  | 14.4                 | 837.8             |
| 50,0°        | 74.3                  | 15.6                 | 853.4             |
| 52,5°        | 79.9                  | 17.4                 | 870.8             |
| 55,0°        | 87.8                  | 19.7                 | 890.5             |
| 57,5°        | 90.8                  | 21.0                 | 911.5             |
| 60,0°        | 83.4                  | 19.8                 | 931.3             |
| 62,5°        | 69.1                  | 16.8                 | 948.1             |
| 65,0°        | 54.1                  | 13.4                 | 961.5             |
| 67,5°        | 42.5                  | 10.8                 | 972.3             |
| 70,0°        | 33.2                  | 8.6                  | 980.9             |
| 72,5°        | 25.3                  | 6.6                  | 987.5             |
| 75,0°        | 18.4                  | 4.9                  | 992.4             |
| 77,5°        | 12.8                  | 3.4                  | 995.8             |
| 80,0°        | 8.4                   | 2.3                  | 998.1             |
| 82,5°        | 4.7                   | 1.3                  | 999.3             |
| 85,0°        | 1.9                   | 0.5                  | 999.8             |
| 87,5°        | 0.4                   | 0.1                  | 1000.0            |
| 90,0°        | 0.0                   | 0.0                  | 1000.0            |
| 100,0°       | 0.0                   | 0.0                  | 1000.0            |
| 110,0°       | 0.0                   | 0.0                  | 1000.0            |
| 120,0°       | 0.0                   | 0.0                  | 1000.0            |
| 130,0°       | 0.0                   | 0.0                  | 1000.0            |
| 140,0°       | 0.0                   | 0.0                  | 1000.0            |
| 150,0°       | 0.0                   | 0.0                  | 1000.0            |
| 160,0°       | 0.0                   | 0.0                  | 1000.0            |
| 170,0°       | 0.0                   | 0.0                  | 1000.0            |
| 180,0°       | 0.0                   | 0.0                  | 1000.0            |

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

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-------------------------|-----------------|--------------------|
| 100            | 254              | 254                     | 19540           | 142.0              |
| 95             | 241              | 252                     | 18563           | 134.1              |
| 90             | 226              | 250                     | 17586           | 126.2              |
| 85             | 211              | 247                     | 16609           | 118.6              |
| 80             | 197              | 245                     | 15632           | 111.1              |
| 75             | 185              | 242                     | 14655           | 103.6              |
| 70             | 171              | 239                     | 13678           | 96.3               |
| 65             | 157              | 236                     | 12701           | 89.2               |
| 60             | 144              | 233                     | 11724           | 82.2               |
| 55             | 130              | 230                     | 10747           | 75.4               |
| 50             | 118              | 226                     | 9770            | 68.6               |
| 45             | 106              | 222                     | 8793            | 61.9               |
| 40             | 94               | 217                     | 7816            | 55.3               |
| 35             | 81               | 212                     | 6839            | 48.9               |
| 30             | 69               | 206                     | 5862            | 42.6               |
| 25             | 57               | 199                     | 4885            | 36.4               |
| 20             | 45               | 191                     | 3908            | 30.3               |
| 15             | 34               | 181                     | 2930            | 24.2               |