

## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight FL11**

**Bestell-Nr.: 5XA779228M01BA**  
**EAN: 4058352607411**

**LP-Nummer**  
**59238\_172**



**Ausführung** Bügel gekröpft  
**Optik** symmetrisch strahlend RS12  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 5700 K | CRI ≥ 80  
**Betriebsgerät** EVG-DMX  
**Bemessungswerte** Ta = 10 °C  
 Nettolichtstrom = 135760 lm  
 Systemleistung = 1080.6 W  
 Lichtausbeute = 125.6 lm/W

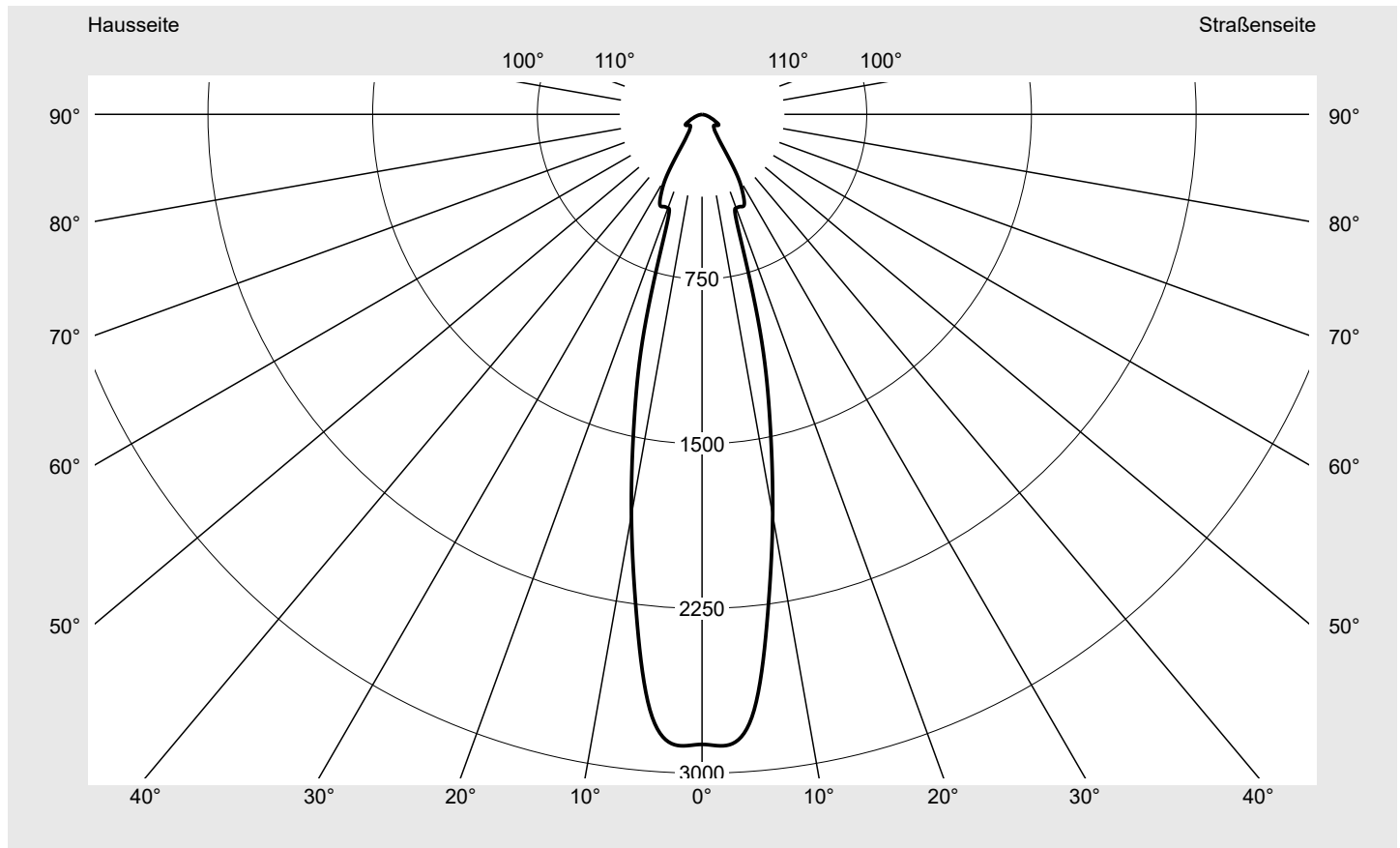
**Seriendokumentation**  
**15.09.2023**

**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

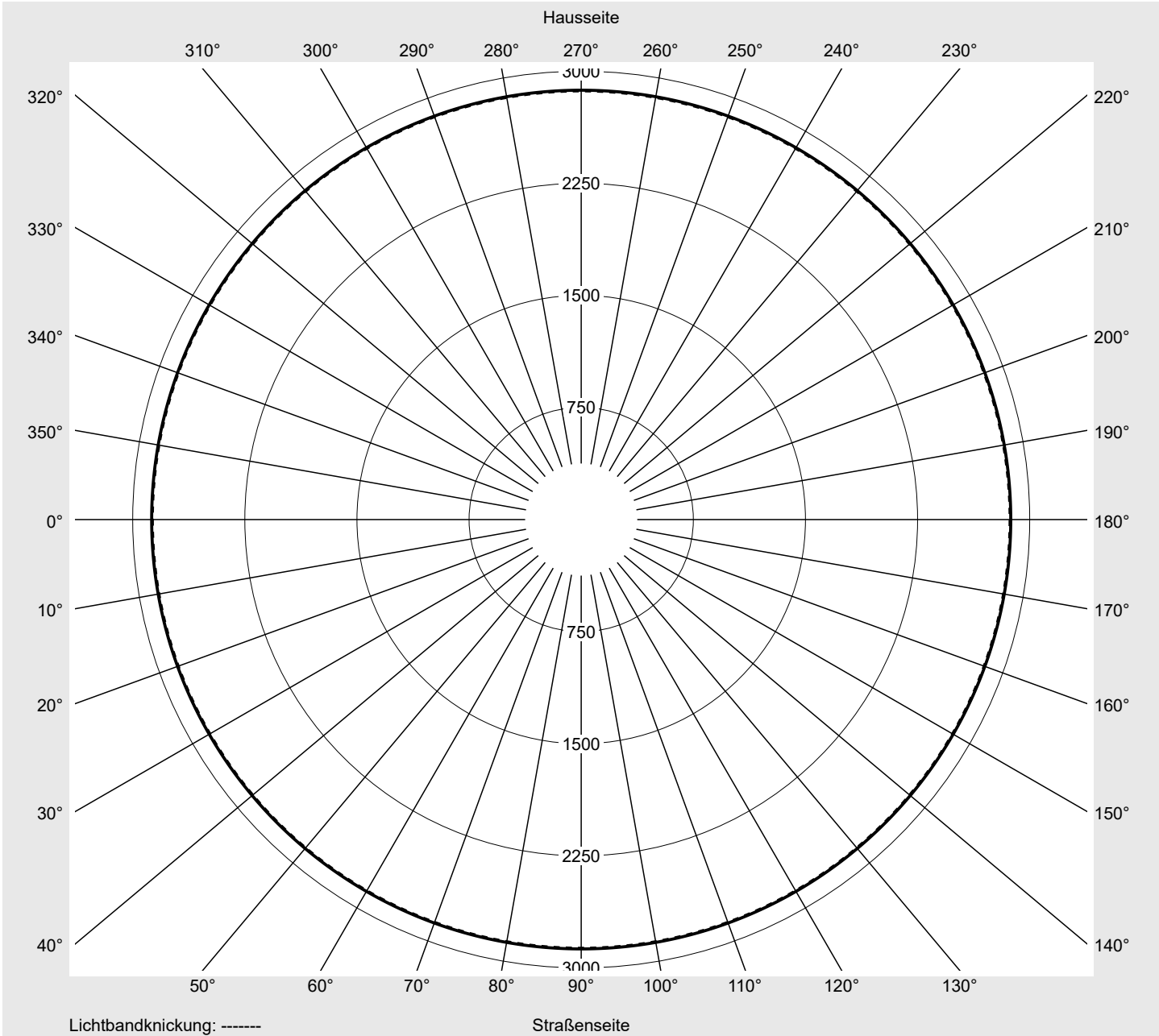
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

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



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|                                   |   |                               |
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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°         | 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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|                           |                           |               |
|---------------------------|---------------------------|---------------|
| <b>Dimmstufen-Tabelle</b> | Umgebungstemperatur: 10°C | <b>siteco</b> |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-----------------|--------------------|
| 100            | 255              | 135760          | 1080.6             |
| 95             | 238              | 128947          | 1005.8             |
| 90             | 222              | 122182          | 935.6              |
| 85             | 206              | 115511          | 865.6              |
| 80             | 192              | 108646          | 805.2              |
| 75             | 177              | 101815          | 741.1              |
| 70             | 163              | 95060           | 681.5              |
| 65             | 150              | 88006           | 626.1              |
| 60             | 137              | 81553           | 571.6              |
| 55             | 122              | 74443           | 508.1              |
| 50             | 111              | 67993           | 462.3              |
| 45             | 98               | 60808           | 408.4              |
| 40             | 86               | 54015           | 357.9              |
| 35             | 75               | 47524           | 312.8              |
| 30             | 62               | 40487           | 259.3              |
| 25             | 53               | 34149           | 223.3              |
| 20             | 41               | 26994           | 175.1              |
| 15             | 30               | 20120           | 131.1              |
| 10             | 20               | 13938           | 91.1               |
| 5              | 9                | 6491            | 47.9               |
| 2              | 3                | 2472            | 22.9               |

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

| Lichtstrom [%] | Dimmstufe linear | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-----------------|--------------------|
| 100            | ----             | ----            | ----               |
| 95             | ----             | ----            | ----               |
| 90             | ----             | ----            | ----               |
| 89             | 216              | 116402          | 901.8              |
| 85             | 204              | 111663          | 850.2              |
| 80             | 189              | 104935          | 785.9              |
| 75             | 174              | 98131           | 721.9              |
| 70             | 160              | 91606           | 662.7              |
| 65             | 148              | 85127           | 612.1              |
| 60             | 134              | 78653           | 553.2              |
| 55             | 120              | 71960           | 494.8              |
| 50             | 108              | 65315           | 445.4              |
| 45             | 96               | 58729           | 396.0              |
| 40             | 85               | 52657           | 350.2              |
| 35             | 73               | 45583           | 301.3              |
| 30             | 61               | 39345           | 252.6              |
| 25             | 51               | 32633           | 212.8              |
| 20             | 40               | 26082           | 169.2              |
| 15             | 30               | 19912           | 129.6              |
| 10             | 19               | 13042           | 86.3               |
| 5              | 9                | 6434            | 47.3               |
| 2              | 3                | 2451            | 22.6               |

office

industry

traffic

retail

public

sports

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### Lichtstrom-Tabelle

siteco

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 10.0             | 135760.0         | 1080.6              |
| 25.0             | 116990.0         | 908.7               |