

## Lichttechnischer Prüfbefund

**Familie**  
**Floodlight 20 maxi LED**

**Bestell-Nr.: 5XA7694F3H1AD**  
**EAN: 4058352398050**

**LP-Nummer**  
**58594\_13**



|                        |   |
|------------------------|---|
| <b>Ausführung</b>      | Bügel gekröpft  |
| <b>Optik</b>           | symmetrisch strahlend RS5   |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)  |
| <b>Bestückung</b>      | LED 5000 K   CRI ≥ 70   |
| <b>Betriebsgerät</b>   | EVG-DALI  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 133430 lm<br>Systemleistung = 947.6 W<br>Lichtausbeute = 140.8 lm/W |

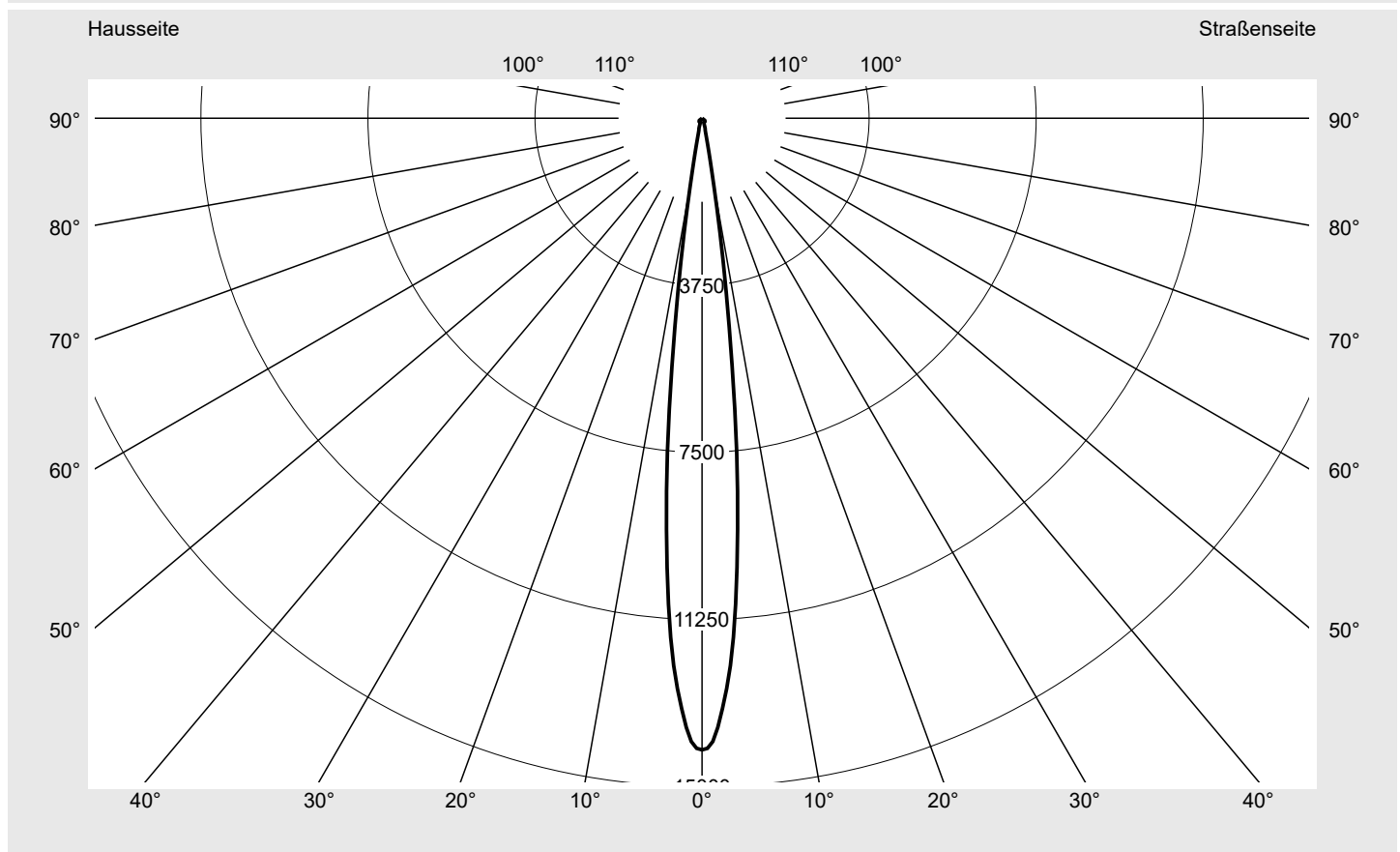
**Seriendokumentation**  
**07.10.2020**

**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**Imax: 14175 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |      |
|-----------|------|
| Klasse:   | G6   |
| Imax 70°  | 28.8 |
| Imax 80°  | 8.7  |
| Imax 90°  | 0.0  |
| Imax >90° | 0.0  |
| Imax >95° | 0.0  |

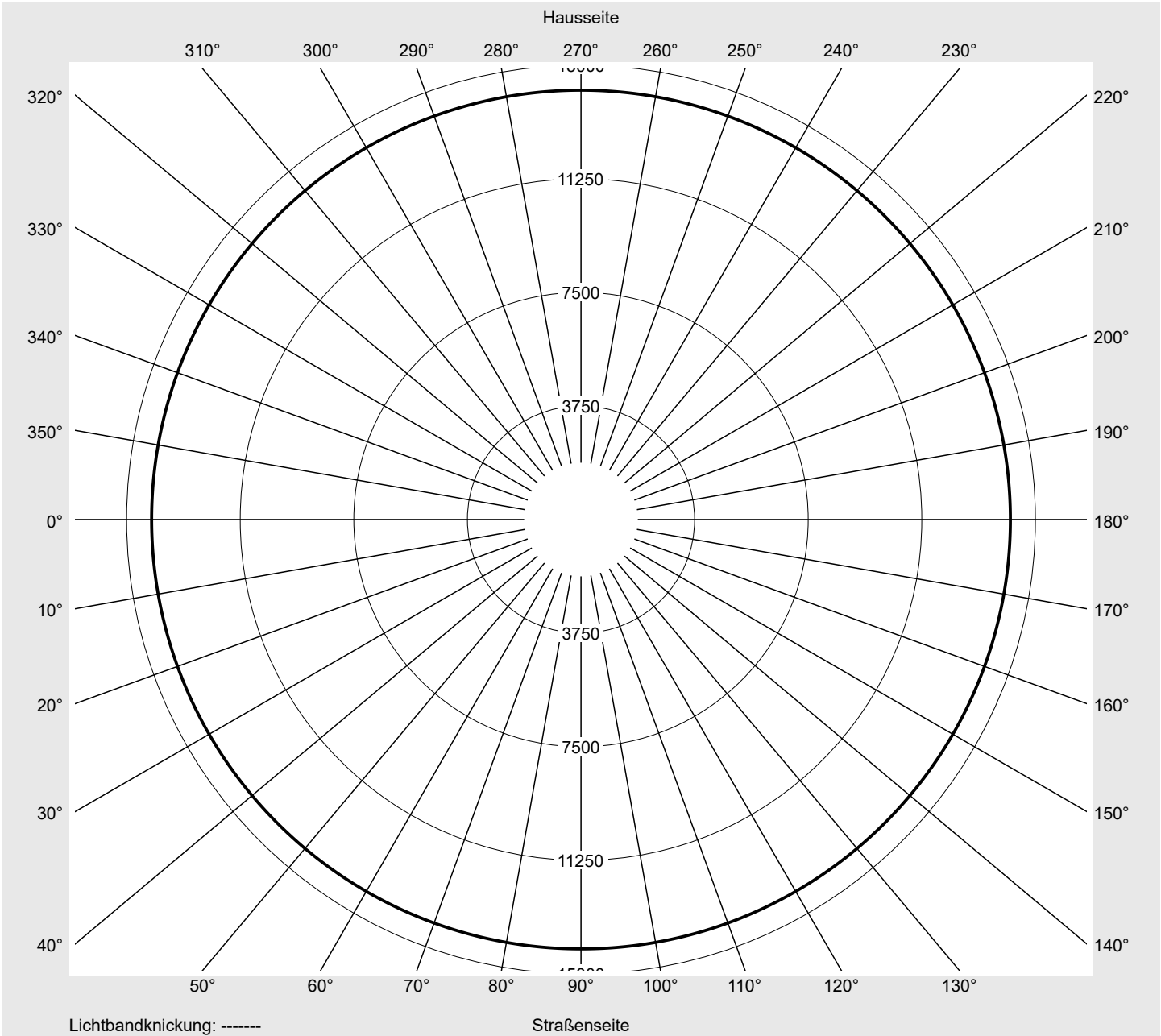
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|  |  |                              |
|--|--|------------------------------|
| <b>Familie</b><br>Floodlight 20 maxi LED | <b>Bestell-Nr.: 5XA7694F3H1AD</b><br><b>EAN: 4058352398050</b> | <b>LP-Nummer</b><br>58594_13 |
|--|--|------------------------------|

**Kegelmantelkurven in cd/klm** **KMK 0°** **sitEco**



## Lichttechnischer Prüfbefund

|  |  |                              |
|--|--|------------------------------|
| <b>Familie</b><br>Floodlight 20 maxi LED | <b>Bestell-Nr.: 5XA7694F3H1AD</b><br><b>EAN: 4058352398050</b> | <b>LP-Nummer</b><br>58594_13 |
|--|--|------------------------------|

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

| C-Ebenen | 0°                    | Phi-Zone             | Summe Phi-Zone |
|----------|-----------------------|----------------------|----------------|
| $\gamma$ | Lichtstärke in cd/klm | Lichtstrom in lm/klm |                |
| 0°       | 14174.7               | 3.4                  | 3.4            |
| 1°       | 13985.2               | 26.8                 | 30.2           |
| 2°       | 13238.3               | 50.7                 | 80.8           |
| 3°       | 12262.8               | 70.4                 | 151.2          |
| 4°       | 10860.0               | 83.1                 | 234.3          |
| 5°       | 9166.1                | 87.6                 | 321.9          |
| 6°       | 7398.6                | 84.8                 | 406.7          |
| 7°       | 5457.6                | 72.9                 | 479.6          |
| 8°       | 3806.0                | 58.1                 | 537.7          |
| 9°       | 2482.5                | 42.6                 | 580.3          |
| 10°      | 1484.2                | 28.3                 | 608.6          |
| 11°      | 929.7                 | 19.5                 | 628.0          |
| 12°      | 611.6                 | 13.9                 | 642.0          |
| 13°      | 427.5                 | 10.5                 | 652.5          |
| 14°      | 322.8                 | 8.6                  | 661.1          |
| 15°      | 275.1                 | 7.8                  | 668.9          |
| 16°      | 254.8                 | 7.7                  | 676.6          |
| 17°      | 233.4                 | 7.5                  | 684.1          |
| 18°      | 194.5                 | 6.6                  | 690.7          |
| 19°      | 155.4                 | 5.5                  | 696.2          |
| 20°      | 130.9                 | 4.9                  | 701.1          |
| 21°      | 118.2                 | 4.6                  | 705.8          |
| 22°      | 110.3                 | 4.5                  | 710.3          |
| 23°      | 103.9                 | 4.5                  | 714.7          |
| 24°      | 99.6                  | 4.4                  | 719.2          |
| 25°      | 96.2                  | 4.5                  | 723.6          |
| 26°      | 94.1                  | 4.5                  | 728.2          |
| 27°      | 92.9                  | 4.6                  | 732.8          |
| 28°      | 91.6                  | 4.7                  | 737.5          |
| 29°      | 90.8                  | 4.8                  | 742.3          |
| 30°      | 90.2                  | 4.9                  | 747.3          |
| 31°      | 89.8                  | 5.1                  | 752.4          |
| 32°      | 89.9                  | 5.2                  | 757.6          |
| 33°      | 89.8                  | 5.4                  | 762.9          |
| 34°      | 90.5                  | 5.5                  | 768.5          |
| 35°      | 92.8                  | 5.8                  | 774.3          |
| 36°      | 96.3                  | 6.2                  | 780.5          |
| 37°      | 98.9                  | 6.5                  | 787.1          |
| 38°      | 100.8                 | 6.8                  | 793.9          |
| 39°      | 101.2                 | 7.0                  | 800.9          |
| 40°      | 100.4                 | 7.1                  | 807.9          |
| 41°      | 98.8                  | 7.1                  | 815.0          |
| 42°      | 97.2                  | 7.1                  | 822.2          |
| 43°      | 95.7                  | 7.2                  | 829.3          |
| 44°      | 94.1                  | 7.2                  | 836.5          |
| 45°      | 92.5                  | 7.2                  | 843.7          |
| 46°      | 90.5                  | 7.1                  | 850.8          |

| C-Ebenen | 0°                    | Phi-Zone             | Summe Phi-Zone |
|----------|-----------------------|----------------------|----------------|
| $\gamma$ | Lichtstärke in cd/klm | Lichtstrom in lm/klm |                |
| 47°      | 88.0                  | 7.1                  | 857.9          |
| 48°      | 85.9                  | 7.0                  | 864.9          |
| 49°      | 83.5                  | 6.9                  | 871.8          |
| 50°      | 80.7                  | 6.8                  | 878.5          |
| 51°      | 77.9                  | 6.6                  | 885.2          |
| 52°      | 75.4                  | 6.5                  | 891.7          |
| 53°      | 73.1                  | 6.4                  | 898.1          |
| 54°      | 70.7                  | 6.3                  | 904.4          |
| 55°      | 68.0                  | 6.1                  | 910.5          |
| 56°      | 65.9                  | 6.0                  | 916.5          |
| 57°      | 63.7                  | 5.9                  | 922.3          |
| 58°      | 61.3                  | 5.7                  | 928.0          |
| 59°      | 59.1                  | 5.6                  | 933.6          |
| 60°      | 56.4                  | 5.4                  | 938.9          |
| 61°      | 54.7                  | 5.2                  | 944.2          |
| 62°      | 51.8                  | 5.0                  | 949.2          |
| 63°      | 47.8                  | 4.7                  | 953.9          |
| 64°      | 44.3                  | 4.4                  | 958.2          |
| 65°      | 41.2                  | 4.1                  | 962.3          |
| 66°      | 38.5                  | 3.9                  | 966.2          |
| 67°      | 35.9                  | 3.6                  | 969.8          |
| 68°      | 33.3                  | 3.4                  | 973.2          |
| 69°      | 31.1                  | 3.2                  | 976.4          |
| 70°      | 28.8                  | 3.0                  | 979.3          |
| 71°      | 26.5                  | 2.8                  | 982.1          |
| 72°      | 24.4                  | 2.5                  | 984.6          |
| 73°      | 22.1                  | 2.3                  | 987.0          |
| 74°      | 20.0                  | 2.1                  | 989.1          |
| 75°      | 18.0                  | 1.9                  | 991.0          |
| 76°      | 16.0                  | 1.7                  | 992.7          |
| 77°      | 14.2                  | 1.5                  | 994.2          |
| 78°      | 12.3                  | 1.3                  | 995.5          |
| 79°      | 10.4                  | 1.1                  | 996.6          |
| 80°      | 8.7                   | 0.9                  | 997.6          |
| 81°      | 6.9                   | 0.7                  | 998.3          |
| 82°      | 5.3                   | 0.6                  | 998.9          |
| 83°      | 4.0                   | 0.4                  | 999.3          |
| 84°      | 2.7                   | 0.3                  | 999.6          |
| 85°      | 1.7                   | 0.2                  | 999.8          |
| 86°      | 1.0                   | 0.1                  | 999.9          |
| 87°      | 0.5                   | 0.1                  | 1000.0         |
| 88°      | 0.3                   | 0.0                  | 1000.0         |
| 89°      | 0.2                   | 0.0                  | 1000.0         |
| 90°      | 0.0                   | 0.0                  | 1000.0         |
| 180°     | 0.0                   | 0.0                  | 1000.0         |

## Lichttechnischer Prüfbefund

|  |  |                              |
|--|--|------------------------------|
| <b>Familie</b><br>Floodlight 20 maxi LED | <b>Bestell-Nr.: 5XA7694F3H1AD</b><br><b>EAN: 4058352398050</b> | <b>LP-Nummer</b><br>58594_13 |
|--|--|------------------------------|

**siteco**

### Dimmstufen-Tabelle Umgebungstemperatur: 25°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-------------------------|-----------------|--------------------|
| 100            | 254              | 254                     | 133430          | 947.7              |
| 95             | 237              | 251                     | 126837          | 881.2              |
| 90             | 221              | 249                     | 120282          | 819.0              |
| 85             | 205              | 246                     | 113417          | 757.3              |
| 80             | 190              | 243                     | 106689          | 700.3              |
| 75             | 176              | 240                     | 100173          | 646.9              |
| 70             | 162              | 237                     | 93418           | 593.9              |
| 65             | 149              | 234                     | 86939           | 545.0              |
| 60             | 135              | 230                     | 79811           | 492.7              |
| 55             | 123              | 227                     | 73537           | 448.1              |
| 50             | 110              | 222                     | 66556           | 400.0              |
| 45             | 98               | 218                     | 59958           | 355.9              |
| 40             | 86               | 213                     | 53227           | 312.0              |
| 35             | 75               | 208                     | 46933           | 271.8              |
| 30             | 63               | 202                     | 39982           | 227.7              |
| 25             | 52               | 195                     | 33465           | 187.9              |
| 20             | 41               | 186                     | 26828           | 148.5              |
| 15             | 30               | 175                     | 20111           | 109.8              |
| 10             | 19               | 160                     | 13290           | 72.3               |

### Dimmstufen-Tabelle Umgebungstemperatur: 10°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-------------------------|-----------------|--------------------|
| 100            | 254              | 254                     | 137636          | 953.7              |
| 95             | 237              | 251                     | 130585          | 887.9              |
| 90             | 222              | 249                     | 123884          | 828.2              |
| 85             | 206              | 246                     | 116759          | 767.6              |
| 80             | 192              | 243                     | 109948          | 712.3              |
| 75             | 178              | 241                     | 103284          | 659.9              |
| 70             | 164              | 237                     | 96381           | 607.5              |
| 65             | 151              | 234                     | 89514           | 556.9              |
| 60             | 137              | 231                     | 82362           | 505.7              |
| 55             | 125              | 227                     | 75527           | 458.0              |
| 50             | 112              | 223                     | 68769           | 412.3              |
| 45             | 100              | 219                     | 61681           | 365.5              |
| 40             | 88               | 214                     | 55070           | 322.8              |
| 35             | 76               | 209                     | 47958           | 277.7              |
| 30             | 65               | 203                     | 41306           | 236.0              |
| 25             | 54               | 196                     | 34670           | 195.3              |
| 20             | 42               | 187                     | 27530           | 152.9              |
| 15             | 31               | 176                     | 20594           | 112.9              |
| 10             | 20               | 161                     | 13766           | 75.2               |
| 10             | 19               | 159                     | 13124           | 71.7               |

office

industry

traffic

retail

public

sports

## Lichttechnischer Prüfbefund

Familie  
Floodlight 20 maxi LED

Bestell-Nr.: 5XA7694F3H1AD  
EAN: 4058352398050

LP-Nummer  
58594\_13

### Lichtstrom-Tabelle

siteco

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 133430.0         | 947.6               |
| 10.0             | 137640.0         | 953.7               |