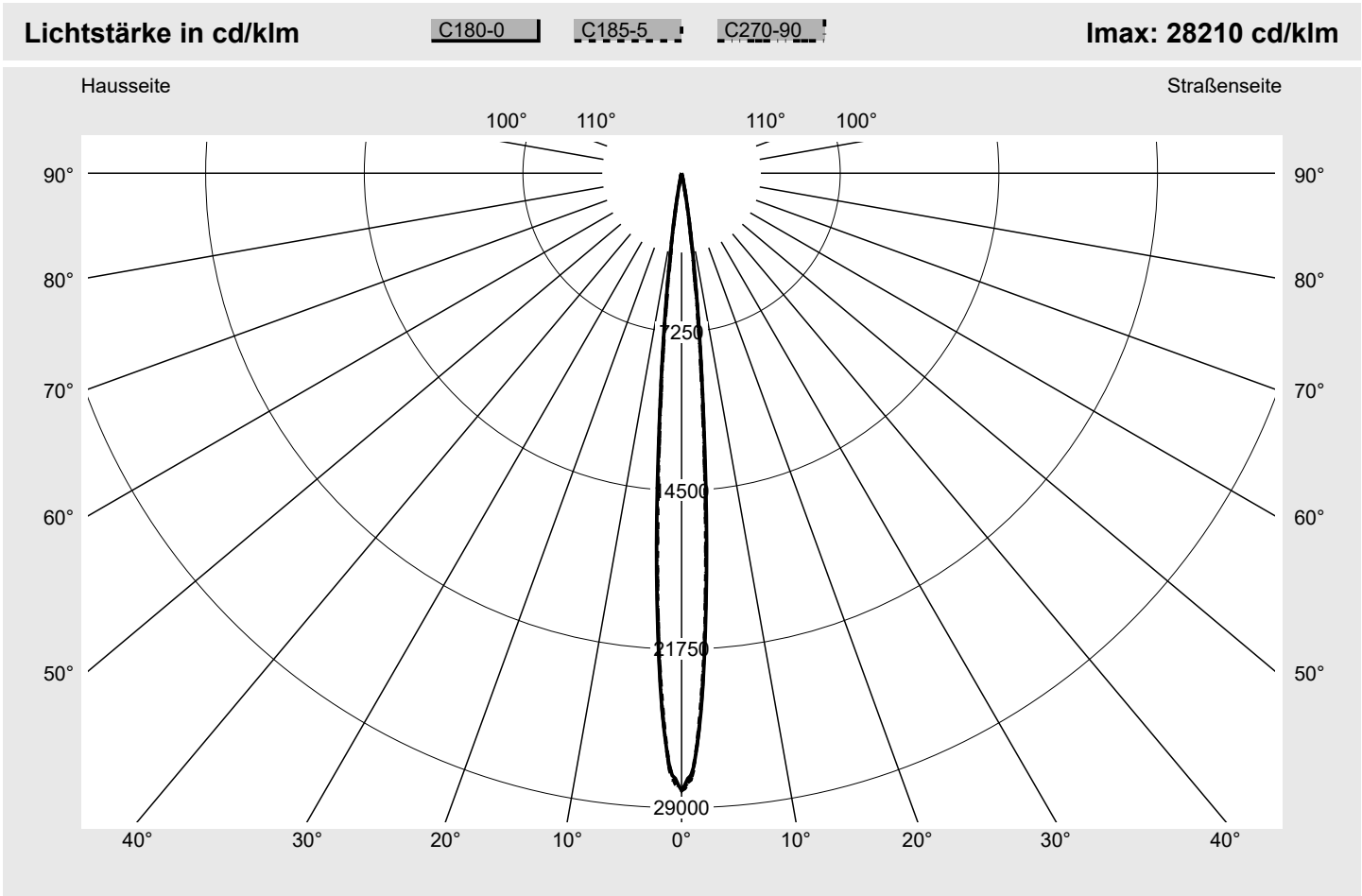


Lichttechnischer Prüfbefund

|                            |                                                                                    |                                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Familie<br>Floodlight FL11 | Bestell-Nr.: 5XA779124Q01GB<br>EAN: 4069025139764                                  | LP-Nummer<br>59465_108                                                                                                                                                                                                       |
|                            | Ausführung<br>Optik<br>Abdeckung<br>Bestückung<br>Betriebsgerät<br>Bemessungswerte | Bügel gekröpft<br>symmetrisch strahlend RS4<br>Einscheibensicherheitsglas (ESG)<br>LED 5700 K   CRI ≥ 90<br>EVG-DALI<br>Ta = 15 °C<br>Nettolichtstrom = 132380 lm<br>Systemleistung = 1227.1 W<br>Lichtausbeute = 107.9 lm/W |
|                            |                                                                                    | Seriendokumentation<br>06.08.2024                                                                                                                                                                                            |

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|                               |        |                                  |      |
|-------------------------------|--------|----------------------------------|------|
| Leuchtenbetriebswirkungsgrade |        | Lichtstärkeklasse nach EN13201-2 |      |
| Eta                           | 100.0% | Klasse:                          | G6   |
| Eta 0° - 90°                  | 100.0% | Imax 70°                         | 14.0 |
| Eta 90° - 180°                | 0.0%   | Imax 80°                         | 6.3  |
|                               |        | Imax 90°                         | 0.0  |
|                               |        | Imax >90°                        | 0.0  |
|                               |        | Imax >95°                        | 0.0  |
| Messbedingungen               |        |                                  |      |
| DIN EN 13032 und DIN 5032     |        |                                  |      |

## Lichttechnischer Prüfbefund

Familie  
Floodlight FL11

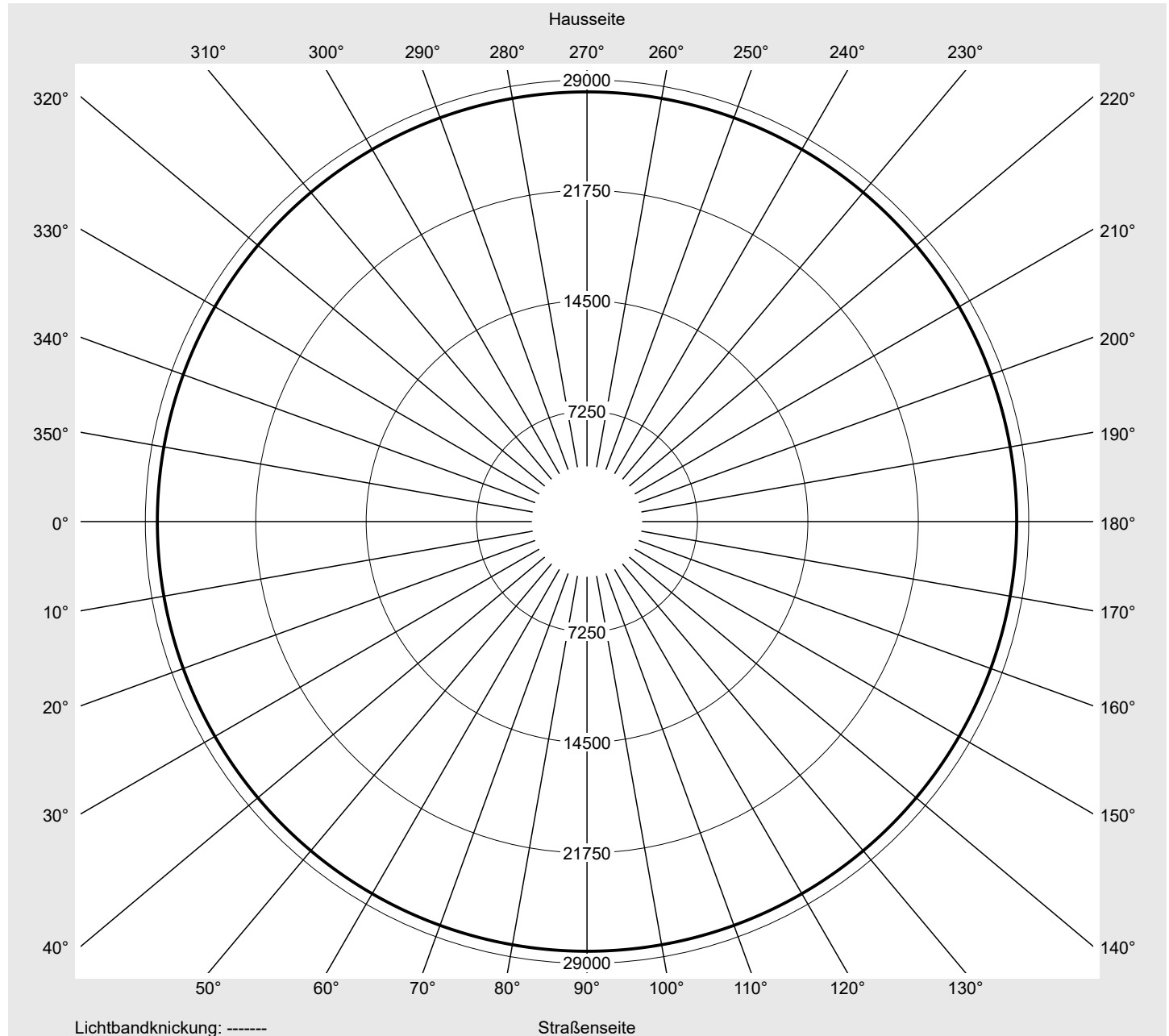
Bestell-Nr.: 5XA779124Q01GB  
EAN: 4069025139764

LP-Nummer  
59465\_108

Kegelmantelkurven in cd/klm

KMK 0°

sit<sup>e</sup>co



Lichttechnischer Prüfbefund

|                                 |                                                   |                        |
|---------------------------------|---------------------------------------------------|------------------------|
| Familie<br>Floodlight FL11      | Bestell-Nr.: 5XA779124Q01GB<br>EAN: 4069025139764 | LP-Nummer<br>59465_108 |
| Wertetabelle Lichtstärkemessung |                                                   | Maximale Lichtstärke   |

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| C-<br>Ebenen | 0°<br>180° | 5°<br>175°<br>185°<br>355° | 10°<br>170°<br>190°<br>350° | 15°<br>165°<br>195°<br>345° | 20°<br>160°<br>200°<br>340° | 25°<br>155°<br>205°<br>335° | 30°<br>150°<br>210°<br>330° | 35°<br>145°<br>215°<br>325° | 40°<br>140°<br>220°<br>320° | 45°<br>135°<br>225°<br>315° |
|--------------|------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|              |            | γ                          | Lichtstärke in cd/klm       |                             |                             |                             |                             |                             |                             |                             |
| 0,0°         | 28210.3    | 28210.3                    | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     |
| 0,5°         | 27726.4    | 27992.9                    | 27732.1                     | 27998.7                     | 27737.9                     | 27998.7                     | 27806.6                     | 28024.5                     | 27769.4                     | 28041.7                     |
| 1,0°         | 27422.6    | 27414.0                    | 27448.4                     | 27422.6                     | 27457.0                     | 27425.5                     | 27474.2                     | 27448.4                     | 27497.1                     | 27459.9                     |
| 1,5°         | 26299.1    | 26233.2                    | 26310.6                     | 26230.3                     | 26293.4                     | 26233.2                     | 26307.7                     | 26247.5                     | 26304.8                     | 26241.8                     |
| 2,0°         | 24825.9    | 24522.1                    | 24828.8                     | 24519.3                     | 24814.5                     | 24522.1                     | 24817.3                     | 24530.7                     | 24820.2                     | 24507.8                     |
| 3,0°         | 20807.7    | 20566.9                    | 20773.3                     | 20544.0                     | 20764.7                     | 20532.6                     | 20779.0                     | 20509.6                     | 20704.5                     | 20446.6                     |
| 4,0°         | 16330.9    | 15663.1                    | 16276.4                     | 15645.9                     | 16276.4                     | 15654.5                     | 16279.3                     | 15640.2                     | 16219.1                     | 15562.8                     |
| 5,0°         | 11768.1    | 11581.8                    | 11791.0                     | 11587.5                     | 11822.6                     | 11636.3                     | 11854.1                     | 11639.1                     | 11831.2                     | 11587.5                     |
| 6,0°         | 8292.1     | 8219.9                     | 8314.2                      | 8256.9                      | 8373.5                      | 8328.5                      | 8438.6                      | 8383.8                      | 8459.2                      | 8324.2                      |
| 7,0°         | 5582.5     | 5471.9                     | 5600.0                      | 5524.1                      | 5688.9                      | 5639.0                      | 5786.3                      | 5693.7                      | 5780.9                      | 5655.3                      |
| 8,0°         | 3591.2     | 3538.2                     | 3625.9                      | 3604.7                      | 3746.5                      | 3755.1                      | 3895.3                      | 3890.4                      | 3964.4                      | 3889.8                      |
| 9,0°         | 2245.3     | 2224.9                     | 2278.2                      | 2284.3                      | 2371.7                      | 2403.5                      | 2516.7                      | 2564.6                      | 2651.1                      | 2631.9                      |
| 10,0°        | 1313.2     | 1276.5                     | 1338.2                      | 1349.3                      | 1427.9                      | 1501.0                      | 1557.7                      | 1589.8                      | 1666.3                      | 1658.6                      |
| 15,0°        | 153.9      | 151.5                      | 153.7                       | 151.9                       | 156.5                       | 156.8                       | 163.2                       | 163.9                       | 170.4                       | 168.4                       |
| 20,0°        | 72.2       | 70.0                       | 71.4                        | 68.3                        | 69.2                        | 66.5                        | 67.8                        | 65.4                        | 67.4                        | 65.1                        |
| 30,0°        | 34.1       | 34.1                       | 34.1                        | 33.8                        | 33.0                        | 33.3                        | 33.6                        | 33.3                        | 33.1                        | 33.0                        |
| 45,0°        | 34.6       | 33.0                       | 33.8                        | 34.0                        | 33.6                        | 32.5                        | 32.0                        | 31.3                        | 31.1                        | 31.4                        |
| 60,0°        | 22.8       | 23.3                       | 24.9                        | 26.3                        | 21.8                        | 19.9                        | 18.9                        | 18.6                        | 19.2                        | 19.1                        |
| 75,0°        | 10.0       | 9.2                        | 8.5                         | 8.2                         | 8.6                         | 8.9                         | 8.8                         | 8.1                         | 8.3                         | 8.2                         |
| 90,0°        | 0.0        | 0.0                        | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         |

Lichttechnischer Prüfbefund

|                                 |                                                   |                        |
|---------------------------------|---------------------------------------------------|------------------------|
| Familie<br>Floodlight FL11      | Bestell-Nr.: 5XA779124Q01GB<br>EAN: 4069025139764 | LP-Nummer<br>59465_108 |
| Wertetabelle Lichtstärkemessung |                                                   | Maximale Lichtstärke   |

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| C-<br>Ebenen | 50°<br>130°<br>230°<br>310° | 55°<br>125°<br>235°<br>305° | 60°<br>120°<br>240°<br>300° | 65°<br>115°<br>245°<br>295° | 70°<br>110°<br>250°<br>290° | 75°<br>105°<br>255°<br>285° | 80°<br>100°<br>260°<br>280° | 85°<br>95°<br>265°<br>275° | 90°<br>270° | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|----------------------------|-------------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm       |                             |                             |                             |                             |                             |                             |                            |             | Lichtstrom in lm/klm |                   |
| 0,0°         | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                     | 28210.3                    | 28210.3     | 1.7                  | 1.7               |
| 0,5°         | 27786.6                     | 28067.5                     | 27806.6                     | 28093.3                     | 27849.6                     | 28119.0                     | 27869.7                     | 28127.6                    | 27881.2     | 13.4                 | 15.0              |
| 1,0°         | 27508.6                     | 27479.9                     | 27534.4                     | 27500.0                     | 27563.0                     | 27520.0                     | 27586.0                     | 27525.8                    | 27606.0     | 26.3                 | 41.4              |
| 1,5°         | 26276.2                     | 26244.6                     | 26313.4                     | 26250.4                     | 26299.1                     | 26253.2                     | 26310.6                     | 26244.6                    | 26310.6     | 37.7                 | 79.1              |
| 2,0°         | 24780.1                     | 24487.7                     | 24794.4                     | 24464.8                     | 24774.3                     | 24447.6                     | 24765.7                     | 24433.3                    | 24757.1     | 75.2                 | 154.2             |
| 3,0°         | 20650.1                     | 20377.8                     | 20578.4                     | 20309.0                     | 20532.6                     | 20248.8                     | 20483.8                     | 20223.0                    | 20498.2     | 117.9                | 272.1             |
| 4,0°         | 16150.3                     | 15462.5                     | 16024.2                     | 15319.2                     | 15909.6                     | 15175.9                     | 15815.0                     | 15135.7                    | 15809.3     | 120.8                | 392.9             |
| 5,0°         | 11742.3                     | 11438.5                     | 11553.1                     | 11243.6                     | 11372.6                     | 11108.9                     | 11240.7                     | 11011.5                    | 11229.3     | 110.2                | 503.1             |
| 6,0°         | 8299.9                      | 8174.0                      | 8239.1                      | 7966.3                      | 8043.3                      | 7775.1                      | 7897.2                      | 7682.8                     | 7869.1      | 93.8                 | 596.9             |
| 7,0°         | 5698.3                      | 5534.7                      | 5550.7                      | 5338.6                      | 5313.1                      | 5085.6                      | 5105.3                      | 4937.1                     | 5017.9      | 73.3                 | 670.2             |
| 8,0°         | 3904.7                      | 3783.2                      | 3740.8                      | 3552.5                      | 3466.2                      | 3283.9                      | 3249.3                      | 3152.1                     | 3198.0      | 55.5                 | 725.6             |
| 9,0°         | 2617.3                      | 2503.8                      | 2416.7                      | 2267.6                      | 2190.8                      | 2085.1                      | 2056.4                      | 2005.7                     | 2022.3      | 40.2                 | 765.9             |
| 10,0°        | 1658.6                      | 1560.9                      | 1502.1                      | 1391.0                      | 1340.3                      | 1263.2                      | 1226.7                      | 1184.2                     | 1181.6      | 89.8                 | 855.6             |
| 15,0°        | 168.9                       | 158.6                       | 154.8                       | 146.8                       | 144.7                       | 139.0                       | 139.0                       | 135.4                      | 137.1       | 21.8                 | 877.4             |
| 20,0°        | 66.6                        | 64.0                        | 65.5                        | 63.5                        | 65.0                        | 63.1                        | 65.0                        | 63.3                       | 65.2        | 19.8                 | 897.2             |
| 30,0°        | 33.1                        | 33.2                        | 33.5                        | 33.1                        | 32.6                        | 32.6                        | 32.6                        | 32.7                       | 32.7        | 23.6                 | 920.8             |
| 45,0°        | 31.1                        | 30.9                        | 31.1                        | 31.2                        | 31.6                        | 31.8                        | 31.5                        | 30.8                       | 31.6        | 37.1                 | 957.9             |
| 60,0°        | 19.1                        | 18.6                        | 18.5                        | 18.2                        | 18.0                        | 21.1                        | 20.5                        | 19.4                       | 19.2        | 28.9                 | 986.8             |
| 75,0°        | 8.0                         | 7.6                         | 8.3                         | 8.3                         | 8.0                         | 7.6                         | 7.7                         | 8.2                        | 8.7         | 13.2                 | 1000.0            |
| 90,0°        | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                         | 0.0                        | 0.0         | 0.0                  | 1000.0            |

Lichttechnischer Prüfbefund

|                                                     |                                                                 |                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Familie<br><b>Floodlight FL11</b>                   | <b>Bestell-Nr.: 5XA779124Q01GB</b><br><b>EAN: 4069025139764</b> | LP-Nummer<br><b>59465_108</b>                                                       |
| <b>Dimmstufen-Tabelle</b> Umgebungstemperatur: 15°C |                                                                 |  |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-------------------------|-----------------|--------------------|
| 100            | ----             | ----                    | ----            | ----               |
| 99             | 252              | 254                     | 131482          | 1215.8             |
| 95             | 238              | 252                     | 125789          | 1145.0             |
| 90             | 222              | 249                     | 119129          | 1064.8             |
| 85             | 207              | 247                     | 112763          | 990.9              |
| 80             | 191              | 244                     | 105936          | 915.6              |
| 75             | 176              | 241                     | 99148           | 843.6              |
| 70             | 162              | 238                     | 92511           | 775.3              |
| 65             | 149              | 234                     | 86280           | 714.0              |
| 60             | 135              | 231                     | 79236           | 647.1              |
| 55             | 122              | 227                     | 72648           | 586.4              |
| 50             | 110              | 223                     | 66048           | 528.2              |
| 45             | 98               | 219                     | 59632           | 472.8              |
| 40             | 86               | 214                     | 53142           | 418.8              |
| 35             | 74               | 209                     | 46229           | 362.8              |
| 30             | 63               | 203                     | 39824           | 312.5              |
| 25             | 53               | 197                     | 33343           | 264.8              |
| 20             | 41               | 187                     | 26312           | 215.4              |
| 15             | 31               | 177                     | 20124           | 168.0              |
| 10             | 20               | 161                     | 13241           | 114.2              |
| 5              | 10               | 136                     | 6615            | 64.2               |
| 1              | 3                | 91                      | 1902            | 29.7               |

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

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] |
|----------------|------------------|-------------------------|-----------------|--------------------|
| 100            | ----             | ----                    | ----            | ----               |
| 95             | ----             | ----                    | ----            | ----               |
| 90             | ----             | ----                    | ----            | ----               |
| 88             | 215              | 248                     | 114287          | 1027.5             |
| 85             | 205              | 246                     | 109877          | 976.0              |
| 80             | 189              | 243                     | 103396          | 902.3              |
| 75             | 175              | 240                     | 97167           | 834.9              |
| 70             | 161              | 237                     | 90662           | 766.5              |
| 65             | 147              | 234                     | 84114           | 700.8              |
| 60             | 134              | 231                     | 77736           | 639.1              |
| 55             | 121              | 227                     | 71216           | 578.2              |
| 50             | 109              | 223                     | 64770           | 520.7              |
| 45             | 97               | 219                     | 58390           | 464.9              |
| 40             | 84               | 214                     | 51533           | 407.2              |
| 35             | 73               | 208                     | 45257           | 356.2              |
| 30             | 62               | 202                     | 38976           | 306.3              |
| 25             | 52               | 196                     | 32486           | 259.1              |
| 20             | 41               | 187                     | 26153           | 214.2              |
| 15             | 30               | 176                     | 19369           | 161.9              |
| 10             | 20               | 161                     | 13183           | 113.5              |
| 5              | 10               | 136                     | 6592            | 63.8               |
| 1              | 3                | 92                      | 1897            | 29.5               |

Lichttechnischer Prüfbefund

|                            |                                                   |                        |
|----------------------------|---------------------------------------------------|------------------------|
| Familie<br>Floodlight FL11 | Bestell-Nr.: 5XA779124Q01GB<br>EAN: 4069025139764 | LP-Nummer<br>59465_108 |
| Lichtstrom-Tabelle         |                                                   | siteco                 |

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 15.0             | 132380.0         | 1227.1              |
| 25.0             | 115320.0         | 1040.3              |