

## Lichttechnischer Prüfbefund

**Familie**  
Floodlight FL21 mini

**Bestell-Nr.:** 5XA7771C4F1A  
**EAN:** 4058352653128

**LP-Nummer**  
59367\_51



**Ausführung** Tragbügel  
**Optik** asymmetrisch strahlend PL33T  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 4000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 12570 lm  
Systemleistung = 87.2 W  
Lichtausbeute = 144.2 lm/W

**Seriendokumentation**  
21.12.2022

siteco

**Lichtstärke in cd/klm**

C180-0

C240-60

C245-65

C270-90

**Imax: 1467 cd/klm**

Hausseite

Straßenseite



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G6    |
| Imax 70°  | 277.8 |
| Imax 80°  | 14.1  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

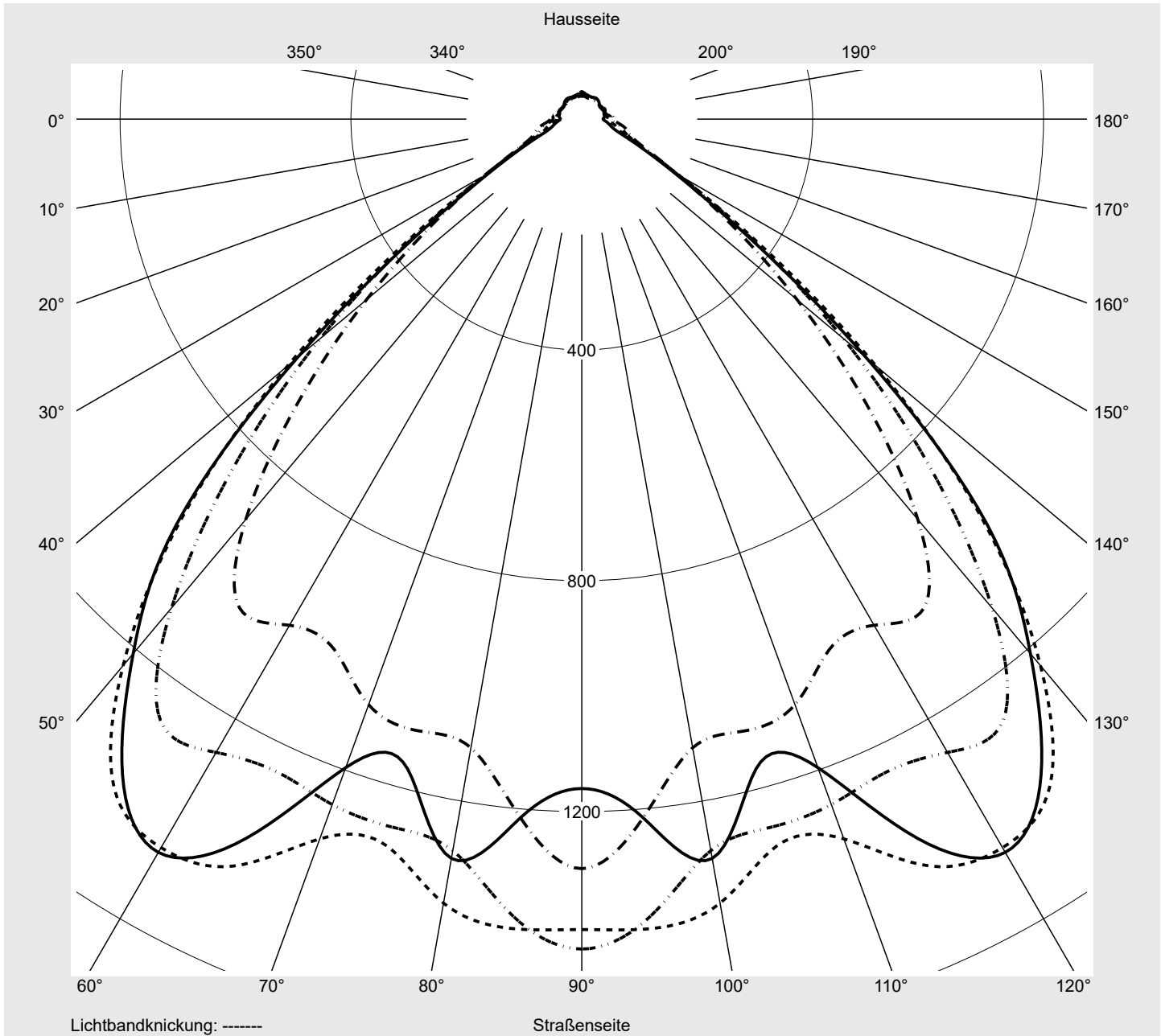
**Messbedingungen**

DIN EN 13032 und DIN 5032

### Lichttechnischer Prüfbefund

|  |   |                              |
|--|---|------------------------------|
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|--|---|------------------------------|

**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **siteco**



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

| C-<br>Ebenen | 0°<br>180°            | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|--------------|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ            | Lichtstärke in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°         | 125.0                 | 125.0      | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       | 125.0       |
| 2,5°         | 126.0                 | 127.9      | 130.1       | 132.1       | 134.1       | 136.1       | 137.9       | 139.7       | 141.4       | 143.0       | 144.4       | 145.7       | 146.8       |
| 5,0°         | 127.4                 | 131.7      | 136.0       | 140.4       | 144.8       | 149.1       | 153.1       | 157.1       | 160.7       | 164.4       | 168.0       | 171.1       | 174.3       |
| 7,5°         | 128.0                 | 134.1      | 140.1       | 146.3       | 152.5       | 159.1       | 165.8       | 172.9       | 179.9       | 187.1       | 194.2       | 201.2       | 207.6       |
| 10,0°        | 128.3                 | 135.8      | 143.6       | 152.1       | 161.4       | 171.8       | 182.2       | 193.1       | 204.0       | 215.3       | 225.7       | 234.5       | 241.7       |
| 12,5°        | 128.5                 | 137.9      | 148.6       | 159.9       | 172.1       | 184.7       | 196.8       | 209.7       | 221.9       | 232.6       | 241.8       | 249.2       | 255.7       |
| 15,0°        | 129.3                 | 140.4      | 152.8       | 165.7       | 178.4       | 191.1       | 204.7       | 218.1       | 229.6       | 239.3       | 247.6       | 255.9       | 264.0       |
| 17,5°        | 129.6                 | 141.7      | 154.8       | 168.3       | 181.5       | 196.0       | 210.7       | 224.7       | 236.5       | 246.6       | 257.9       | 270.3       | 282.9       |
| 20,0°        | 127.9                 | 141.3      | 154.8       | 168.8       | 183.7       | 200.6       | 218.1       | 234.3       | 247.7       | 260.6       | 277.3       | 294.2       | 310.4       |
| 22,5°        | 123.9                 | 138.6      | 153.7       | 168.5       | 185.5       | 205.4       | 226.0       | 242.9       | 256.9       | 273.0       | 294.9       | 313.1       | 326.9       |
| 25,0°        | 122.1                 | 134.7      | 150.3       | 167.5       | 186.2       | 206.8       | 229.2       | 247.0       | 259.9       | 278.5       | 301.2       | 319.1       | 335.9       |
| 27,5°        | 120.1                 | 131.0      | 144.2       | 164.5       | 184.3       | 205.2       | 227.9       | 248.2       | 263.1       | 284.0       | 309.2       | 333.6       | 354.0       |
| 30,0°        | 116.8                 | 126.8      | 138.2       | 159.8       | 181.0       | 201.7       | 227.1       | 254.8       | 276.1       | 301.4       | 331.2       | 361.6       | 381.1       |
| 32,5°        | 111.9                 | 122.6      | 132.7       | 154.8       | 177.0       | 199.1       | 229.2       | 262.8       | 290.9       | 318.8       | 353.4       | 386.1       | 404.7       |
| 35,0°        | 106.5                 | 117.5      | 127.8       | 149.1       | 171.1       | 196.3       | 231.1       | 266.8       | 298.5       | 327.4       | 365.0       | 397.2       | 419.7       |
| 37,5°        | 100.0                 | 109.6      | 122.0       | 141.5       | 164.5       | 191.8       | 231.8       | 265.0       | 294.0       | 323.6       | 358.1       | 388.6       | 410.5       |
| 40,0°        | 92.0                  | 99.5       | 113.7       | 132.0       | 155.8       | 187.3       | 230.3       | 261.2       | 286.1       | 316.8       | 354.9       | 378.6       | 399.2       |
| 42,5°        | 83.8                  | 90.5       | 105.1       | 122.6       | 145.8       | 182.4       | 231.4       | 262.2       | 290.4       | 333.3       | 375.7       | 396.6       | 416.4       |
| 45,0°        | 76.1                  | 82.7       | 98.5        | 116.9       | 139.3       | 179.2       | 232.4       | 267.7       | 314.3       | 379.3       | 438.6       | 470.3       | 485.1       |
| 47,5°        | 69.6                  | 76.1       | 92.0        | 108.2       | 127.7       | 164.2       | 218.9       | 269.7       | 343.7       | 433.4       | 529.7       | 582.5       | 588.3       |
| 50,0°        | 62.8                  | 66.1       | 79.0        | 91.5        | 104.4       | 135.5       | 193.9       | 273.2       | 390.2       | 530.5       | 686.4       | 778.0       | 766.7       |
| 52,5°        | 54.9                  | 60.6       | 73.3        | 82.7        | 93.1        | 123.2       | 190.5       | 310.9       | 487.2       | 696.5       | 905.7       | 1034.0      | 1012.9      |
| 55,0°        | 49.5                  | 54.9       | 67.0        | 74.4        | 85.9        | 117.3       | 194.4       | 353.9       | 591.4       | 853.5       | 1106.0      | 1272.6      | 1267.3      |
| 57,5°        | 43.2                  | 47.6       | 57.7        | 64.6        | 77.2        | 111.2       | 194.4       | 371.2       | 665.6       | 982.8       | 1236.4      | 1413.2      | 1457.8      |
| 60,0°        | 37.0                  | 41.4       | 47.5        | 54.3        | 69.4        | 108.2       | 182.7       | 341.5       | 643.7       | 992.8       | 1209.2      | 1387.4      | 1467.3      |
| 62,5°        | 32.5                  | 35.5       | 39.7        | 46.4        | 59.9        | 95.3        | 152.5       | 268.8       | 504.3       | 807.0       | 995.2       | 1183.6      | 1229.3      |
| 65,0°        | 27.8                  | 30.4       | 34.1        | 40.3        | 49.2        | 70.3        | 109.4       | 182.8       | 335.2       | 551.3       | 733.1       | 891.2       | 858.8       |
| 67,5°        | 21.9                  | 23.1       | 27.5        | 33.2        | 40.6        | 51.3        | 71.7        | 110.4       | 192.7       | 322.0       | 465.3       | 546.3       | 495.6       |
| 70,0°        | 18.7                  | 18.6       | 20.7        | 27.7        | 34.9        | 41.4        | 52.4        | 67.9        | 101.2       | 159.2       | 236.5       | 277.8       | 230.1       |
| 72,5°        | 15.2                  | 15.6       | 16.6        | 21.8        | 27.3        | 31.8        | 36.7        | 42.5        | 53.1        | 70.9        | 90.4        | 103.5       | 89.8        |
| 75,0°        | 12.5                  | 12.9       | 13.3        | 16.0        | 19.3        | 21.6        | 24.1        | 25.0        | 28.7        | 32.9        | 37.6        | 42.2        | 37.5        |
| 77,5°        | 9.8                   | 10.5       | 10.7        | 12.0        | 13.5        | 14.3        | 14.9        | 15.1        | 16.5        | 18.1        | 20.2        | 21.8        | 20.5        |
| 80,0°        | 8.0                   | 7.6        | 7.9         | 9.3         | 8.8         | 8.9         | 8.7         | 8.9         | 9.8         | 10.1        | 11.6        | 11.9        | 11.3        |
| 82,5°        | 6.5                   | 5.4        | 5.0         | 5.9         | 5.5         | 5.1         | 4.7         | 4.9         | 5.1         | 5.4         | 5.9         | 6.0         | 5.6         |
| 85,0°        | 3.4                   | 2.7        | 2.3         | 2.3         | 2.2         | 2.1         | 2.1         | 2.1         | 2.0         | 2.2         | 2.4         | 2.4         | 2.4         |
| 87,5°        | 0.7                   | 0.7        | 0.6         | 0.6         | 0.7         | 0.7         | 0.7         | 0.8         | 0.8         | 0.9         | 0.9         | 1.0         | 1.0         |
| 90,0°        | 0.0                   | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

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

| C-<br>Ebenen | 65°<br>115°           | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°    | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|--------------|-----------------------|-------------|-------------|-------------|------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ            | Lichtstärke in cd/klm |             |             |             |            |        |              |              |              |              |              |              |              |
| 0,0°         | 125.0                 | 125.0       | 125.0       | 125.0       | 125.0      | 125.0  | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        |
| 2,5°         | 147.8                 | 148.4       | 149.1       | 149.6       | 150.1      | 154.8  | 124.2        | 122.3        | 120.5        | 118.7        | 117.1        | 115.5        | 114.0        |
| 5,0°         | 177.0                 | 179.3       | 181.1       | 182.6       | 183.6      | 182.6  | 123.4        | 119.5        | 115.8        | 112.5        | 109.3        | 106.5        | 103.8        |
| 7,5°         | 213.0                 | 217.2       | 220.6       | 223.3       | 225.4      | 227.0  | 122.3        | 116.9        | 111.7        | 107.0        | 102.7        | 98.9         | 95.4         |
| 10,0°        | 247.4                 | 251.8       | 255.1       | 257.4       | 258.9      | 259.2  | 121.3        | 114.5        | 107.9        | 102.1        | 96.7         | 92.0         | 88.2         |
| 12,5°        | 260.9                 | 264.6       | 267.3       | 269.2       | 270.7      | 272.3  | 119.9        | 111.7        | 104.1        | 97.3         | 91.3         | 86.4         | 82.3         |
| 15,0°        | 270.6                 | 276.4       | 281.6       | 286.3       | 289.7      | 289.5  | 118.9        | 109.0        | 100.6        | 92.9         | 85.9         | 79.7         | 75.0         |
| 17,5°        | 295.4                 | 307.1       | 316.9       | 324.7       | 330.4      | 337.6  | 117.8        | 105.6        | 94.7         | 86.8         | 80.0         | 74.2         | 69.7         |
| 20,0°        | 324.9                 | 335.8       | 344.5       | 351.4       | 357.6      | 359.7  | 113.4        | 101.0        | 90.6         | 82.3         | 74.6         | 69.3         | 65.7         |
| 22,5°        | 341.3                 | 354.9       | 363.5       | 369.0       | 373.3      | 376.6  | 110.4        | 97.3         | 85.9         | 76.7         | 70.1         | 65.1         | 60.6         |
| 25,0°        | 355.5                 | 373.0       | 378.7       | 378.9       | 379.2      | 379.8  | 107.0        | 92.6         | 81.7         | 73.0         | 66.5         | 60.4         | 55.6         |
| 27,5°        | 372.0                 | 389.5       | 398.2       | 397.8       | 393.7      | 394.0  | 102.1        | 87.2         | 77.5         | 69.6         | 62.5         | 56.2         | 53.3         |
| 30,0°        | 395.3                 | 409.5       | 416.1       | 413.2       | 409.9      | 408.8  | 97.0         | 82.9         | 73.3         | 66.1         | 58.0         | 54.0         | 51.3         |
| 32,5°        | 419.4                 | 428.6       | 427.7       | 421.3       | 419.0      | 422.0  | 92.4         | 78.8         | 69.3         | 61.3         | 55.6         | 52.3         | 49.9         |
| 35,0°        | 441.8                 | 438.1       | 432.5       | 424.5       | 420.4      | 420.8  | 87.2         | 73.9         | 65.4         | 57.5         | 53.5         | 50.9         | 48.6         |
| 37,5°        | 429.1                 | 438.1       | 427.8       | 420.9       | 418.3      | 420.1  | 82.3         | 69.3         | 59.4         | 54.0         | 51.4         | 49.0         | 46.3         |
| 40,0°        | 428.8                 | 447.2       | 448.5       | 451.8       | 469.8      | 475.6  | 76.9         | 63.9         | 54.8         | 51.1         | 48.9         | 47.4         | 45.1         |
| 42,5°        | 453.4                 | 493.2       | 516.7       | 541.5       | 583.5      | 629.2  | 72.0         | 58.2         | 51.2         | 48.6         | 47.1         | 45.7         | 43.8         |
| 45,0°        | 524.4                 | 587.2       | 632.1       | 679.0       | 742.6      | 774.8  | 67.9         | 54.0         | 48.3         | 46.5         | 45.3         | 43.7         | 42.7         |
| 47,5°        | 622.0                 | 701.2       | 757.2       | 800.2       | 893.6      | 980.7  | 63.6         | 50.5         | 45.8         | 44.4         | 43.8         | 42.2         | 41.3         |
| 50,0°        | 785.4                 | 866.2       | 904.9       | 931.3       | 1038.8     | 1114.2 | 58.9         | 47.5         | 42.8         | 42.6         | 42.1         | 40.8         | 39.6         |
| 52,5°        | 1014.5                | 1079.9      | 1097.3      | 1106.3      | 1215.8     | 1299.0 | 53.5         | 45.6         | 41.6         | 41.8         | 41.0         | 39.5         | 38.7         |
| 55,0°        | 1248.6                | 1264.1      | 1270.2      | 1287.4      | 1385.0     | 1438.3 | 49.9         | 44.6         | 42.2         | 43.1         | 43.4         | 40.6         | 39.8         |
| 57,5°        | 1428.3                | 1327.5      | 1304.2      | 1379.7      | 1408.0     | 1404.5 | 44.4         | 42.4         | 41.6         | 42.8         | 41.7         | 40.6         | 39.1         |
| 60,0°        | 1375.0                | 1196.0      | 1166.0      | 1301.1      | 1215.0     | 1160.1 | 39.1         | 39.5         | 39.7         | 40.3         | 39.1         | 38.2         | 37.8         |
| 62,5°        | 1067.0                | 911.0       | 916.3       | 978.6       | 898.4      | 768.5  | 33.5         | 36.1         | 37.1         | 36.9         | 36.7         | 36.1         | 36.5         |
| 65,0°        | 696.2                 | 580.9       | 594.1       | 585.1       | 555.5      | 521.5  | 29.7         | 32.7         | 34.0         | 33.9         | 33.3         | 34.1         | 35.8         |
| 67,5°        | 381.0                 | 323.8       | 299.1       | 240.8       | 204.0      | 163.4  | 26.0         | 28.0         | 29.8         | 29.4         | 30.4         | 31.7         | 34.1         |
| 70,0°        | 171.4                 | 154.0       | 129.5       | 82.3        | 72.3       | 77.2   | 20.7         | 22.1         | 22.8         | 24.0         | 27.6         | 28.8         | 30.9         |
| 72,5°        | 70.6                  | 64.7        | 51.8        | 39.4        | 35.7       | 32.9   | 16.5         | 17.7         | 19.0         | 20.1         | 23.9         | 25.1         | 26.2         |
| 75,0°        | 33.1                  | 31.3        | 26.2        | 22.6        | 20.4       | 21.1   | 13.1         | 14.3         | 15.4         | 16.8         | 19.8         | 20.9         | 21.0         |
| 77,5°        | 19.0                  | 17.7        | 15.5        | 14.0        | 13.0       | 12.3   | 10.1         | 11.3         | 12.1         | 13.1         | 14.8         | 16.3         | 15.9         |
| 80,0°        | 10.1                  | 9.6         | 9.0         | 8.6         | 8.2        | 8.3    | 7.8          | 8.3          | 8.7          | 9.5          | 10.8         | 11.9         | 12.0         |
| 82,5°        | 5.0                   | 4.9         | 4.8         | 4.7         | 4.7        | 4.5    | 6.0          | 6.4          | 6.6          | 6.7          | 7.6          | 8.1          | 8.6          |
| 85,0°        | 2.3                   | 2.3         | 2.3         | 2.3         | 2.3        | 2.4    | 3.1          | 2.9          | 3.4          | 3.2          | 3.2          | 3.4          | 3.8          |
| 87,5°        | 1.1                   | 1.1         | 1.2         | 1.2         | 1.2        | 1.2    | 0.7          | 0.8          | 0.9          | 1.0          | 1.0          | 1.0          | 1.1          |
| 90,0°        | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0        | 0.0    | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |

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|  |   | <b>siteco</b>                |

| C-Ebenen | 220°<br>320°          | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-Zone             | Summe<br>Phi-Zone |
|----------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ        | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |       | Lichtstrom in lm/klm |                   |
| 0,0°     | 125.0                 | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0        | 125.0 | 0.2                  | 0.2               |
| 2,5°     | 112.6                 | 111.3        | 110.1        | 109.1        | 108.2        | 107.4        | 106.8        | 106.4        | 106.0        | 105.7        | 105.6 | 1.5                  | 1.7               |
| 5,0°     | 101.4                 | 99.2         | 97.3         | 95.6         | 94.2         | 93.0         | 92.1         | 91.4         | 90.8         | 90.3         | 90.2  | 3.2                  | 4.9               |
| 7,5°     | 92.4                  | 89.9         | 87.8         | 86.0         | 84.4         | 83.2         | 82.2         | 81.5         | 81.0         | 80.5         | 80.4  | 5.0                  | 9.9               |
| 10,0°    | 85.0                  | 82.4         | 80.3         | 78.5         | 76.9         | 75.6         | 74.7         | 74.1         | 73.8         | 73.6         | 73.6  | 7.0                  | 16.9              |
| 12,5°    | 79.0                  | 76.3         | 73.9         | 71.9         | 70.4         | 69.4         | 68.7         | 68.4         | 68.3         | 68.0         | 67.8  | 9.0                  | 25.9              |
| 15,0°    | 71.6                  | 68.7         | 65.9         | 63.8         | 62.4         | 61.2         | 60.0         | 59.1         | 58.7         | 58.8         | 59.0  | 10.8                 | 36.7              |
| 17,5°    | 66.4                  | 63.4         | 60.8         | 57.3         | 55.6         | 54.9         | 54.1         | 53.1         | 51.8         | 50.8         | 50.7  | 13.0                 | 49.7              |
| 20,0°    | 62.3                  | 57.5         | 55.0         | 53.8         | 53.1         | 51.9         | 51.2         | 50.0         | 49.5         | 49.2         | 49.1  | 15.3                 | 65.0              |
| 22,5°    | 56.0                  | 53.7         | 52.3         | 51.1         | 50.0         | 49.3         | 48.0         | 47.5         | 47.4         | 47.4         | 47.3  | 17.5                 | 82.4              |
| 25,0°    | 53.4                  | 51.5         | 49.8         | 48.5         | 47.7         | 46.2         | 45.6         | 45.4         | 45.5         | 45.7         | 46.0  | 19.4                 | 101.8             |
| 27,5°    | 51.2                  | 49.3         | 47.3         | 46.2         | 44.4         | 44.0         | 44.0         | 44.0         | 44.4         | 44.9         | 45.0  | 21.5                 | 123.3             |
| 30,0°    | 49.7                  | 47.1         | 45.7         | 44.1         | 43.2         | 42.8         | 42.8         | 43.0         | 43.3         | 43.8         | 44.0  | 23.8                 | 147.1             |
| 32,5°    | 47.6                  | 46.2         | 45.0         | 42.8         | 42.0         | 42.0         | 42.1         | 42.4         | 43.0         | 43.3         | 44.0  | 26.1                 | 173.3             |
| 35,0°    | 46.1                  | 45.1         | 43.5         | 42.3         | 41.9         | 41.8         | 41.7         | 42.2         | 43.0         | 43.7         | 43.7  | 28.1                 | 201.4             |
| 37,5°    | 45.5                  | 44.5         | 42.8         | 42.0         | 41.9         | 41.9         | 41.8         | 41.9         | 41.9         | 42.3         | 42.4  | 29.2                 | 230.6             |
| 40,0°    | 44.5                  | 43.5         | 42.3         | 41.7         | 41.6         | 41.4         | 41.2         | 41.1         | 41.4         | 41.8         | 41.9  | 30.9                 | 261.5             |
| 42,5°    | 43.3                  | 42.3         | 41.1         | 40.8         | 40.5         | 40.4         | 40.4         | 40.4         | 40.6         | 41.2         | 41.0  | 34.7                 | 296.2             |
| 45,0°    | 42.1                  | 41.3         | 40.0         | 39.6         | 39.3         | 39.3         | 39.5         | 39.6         | 39.9         | 40.9         | 40.7  | 40.9                 | 337.1             |
| 47,5°    | 40.0                  | 39.7         | 39.6         | 38.7         | 38.5         | 38.3         | 38.7         | 38.8         | 39.4         | 39.2         | 42.1  | 48.3                 | 385.5             |
| 50,0°    | 38.8                  | 38.0         | 38.6         | 39.1         | 38.0         | 37.8         | 38.1         | 37.9         | 38.8         | 39.7         | 39.2  | 58.1                 | 443.6             |
| 52,5°    | 38.6                  | 38.1         | 38.5         | 38.6         | 38.2         | 38.2         | 38.0         | 37.9         | 38.9         | 39.7         | 39.5  | 72.5                 | 516.0             |
| 55,0°    | 39.1                  | 39.4         | 40.2         | 41.2         | 40.6         | 40.0         | 39.6         | 40.1         | 41.6         | 43.5         | 44.9  | 87.3                 | 603.3             |
| 57,5°    | 39.8                  | 41.9         | 43.1         | 44.0         | 43.0         | 41.9         | 41.9         | 42.7         | 44.3         | 45.7         | 47.6  | 96.4                 | 699.8             |
| 60,0°    | 39.6                  | 41.9         | 43.3         | 43.8         | 42.8         | 41.8         | 41.8         | 42.6         | 43.6         | 44.1         | 44.2  | 93.2                 | 793.0             |
| 62,5°    | 39.2                  | 42.0         | 43.8         | 43.5         | 42.2         | 41.5         | 42.2         | 42.5         | 41.3         | 40.0         | 39.5  | 76.3                 | 869.3             |
| 65,0°    | 39.0                  | 42.0         | 44.0         | 43.1         | 42.1         | 42.4         | 43.6         | 42.5         | 40.5         | 38.5         | 39.4  | 54.2                 | 923.5             |
| 67,5°    | 37.5                  | 40.5         | 42.2         | 42.2         | 42.1         | 42.9         | 43.3         | 41.5         | 39.3         | 38.8         | 38.6  | 32.2                 | 955.7             |
| 70,0°    | 34.0                  | 37.3         | 36.0         | 37.9         | 39.5         | 41.1         | 41.7         | 39.8         | 38.6         | 38.2         | 37.3  | 18.0                 | 973.7             |
| 72,5°    | 26.8                  | 27.6         | 29.6         | 32.0         | 34.7         | 36.6         | 37.2         | 35.6         | 34.1         | 33.6         | 31.3  | 10.1                 | 983.7             |
| 75,0°    | 21.5                  | 22.3         | 24.2         | 26.7         | 29.5         | 31.7         | 31.1         | 27.1         | 25.2         | 23.4         | 22.2  | 6.3                  | 990.1             |
| 77,5°    | 16.0                  | 15.8         | 18.0         | 19.1         | 22.8         | 23.5         | 22.6         | 20.7         | 17.5         | 14.1         | 12.6  | 4.3                  | 994.4             |
| 80,0°    | 10.3                  | 10.4         | 11.8         | 12.5         | 13.4         | 14.1         | 14.0         | 12.8         | 10.7         | 10.6         | 10.0  | 2.8                  | 997.1             |
| 82,5°    | 7.4                   | 7.4          | 8.2          | 8.8          | 8.4          | 9.5          | 9.4          | 8.5          | 7.8          | 8.2          | 8.1   | 1.8                  | 998.9             |
| 85,0°    | 3.6                   | 3.8          | 4.0          | 4.4          | 4.0          | 4.0          | 4.1          | 4.0          | 3.6          | 3.7          | 3.8   | 0.8                  | 999.7             |
| 87,5°    | 1.1                   | 1.2          | 1.3          | 1.4          | 1.5          | 1.6          | 1.7          | 1.8          | 1.9          | 1.9          | 1.9   | 0.3                  | 1000.0            |
| 90,0°    | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                  | 1000.0            |

## Lichttechnischer Prüfbefund

|  |   |                                  |
|--|---|----------------------------------|
| <b>Familie</b><br>Floodlight FL21 mini | <b>Bestell-Nr.: 5XA7771C4F1A</b><br><b>EAN: 4058352653128</b> | <b>LP-Nummer</b><br>59367_51     |
| <b>Dimmstufen-Tabelle</b>              |   | <b>Umgebungstemperatur: 25°C</b> |
| <b>siteco</b>                          |   |                                  |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 12570           | 87.2                                 | 92.1                               | 89.6                            |
| 95             | 241              | 252                     | 11927           | 81.9                                 | 86.5                               | 84.2                            |
| 90             | 229              | 250                     | 11333           | 77.1                                 | 81.4                               | 79.2                            |
| 85             | 216              | 248                     | 10689           | 72.1                                 | 76.1                               | 74.1                            |
| 80             | 203              | 246                     | 10046           | 67.2                                 | 70.8                               | 69.0                            |
| 75             | 190              | 243                     | 9403            | 62.3                                 | 65.8                               | 64.0                            |
| 70             | 178              | 241                     | 8809            | 58.0                                 | 61.1                               | 59.6                            |
| 65             | 165              | 238                     | 8166            | 53.3                                 | 56.2                               | 54.8                            |
| 60             | 152              | 235                     | 7522            | 48.6                                 | 51.4                               | 50.0                            |
| 55             | 140              | 232                     | 6928            | 44.5                                 | 46.9                               | 45.7                            |
| 50             | 127              | 229                     | 6285            | 40.2                                 | 42.3                               | 41.2                            |
| 45             | 114              | 225                     | 5642            | 35.9                                 | 37.8                               | 36.8                            |
| 40             | 102              | 221                     | 5048            | 32.0                                 | 33.6                               | 32.8                            |
| 35             | 89               | 216                     | 4404            | 27.9                                 | 29.3                               | 28.6                            |
| 30             | 76               | 210                     | 3761            | 23.9                                 | 25.1                               | 24.5                            |
| 25             | 63               | 203                     | 3118            | 20.0                                 | 21.0                               | 20.5                            |
| 20             | 51               | 195                     | 2524            | 16.5                                 | 17.3                               | 16.9                            |
| 16             | 40               | 186                     | 1980            | 13.3                                 | 13.9                               | 13.6                            |