


# Photometric test report

|   |   |  |
|---|---|--|
| <b>Family</b><br><b>Floodlight FL21 micro</b> | <b>Order number: 5XA7762A2F3A</b><br><b>EAN: 4058352669822</b>  | <b>LP number</b><br><b>59367_99</b>              |
|   | <b>Version</b> Mast bracket<br><b>Optic</b> asymmetric distribution PL33T<br><b>Cover</b> toughened safety glass<br><b>Lamps</b> LED 3000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 2930 lm<br>Power consumption = 23.1 W<br>Luminous efficacy = 126.8 lm/W | <b>serial documentation</b><br><b>21.12.2022</b> |



**Luminous intensity in cd/klm** C180-0 C240-60 C245-65 C270-90 **Imax: 1467 cd/klm**



**Luminaire output ratios**

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

**Luminous intensity class acc. to EN13201-2**

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

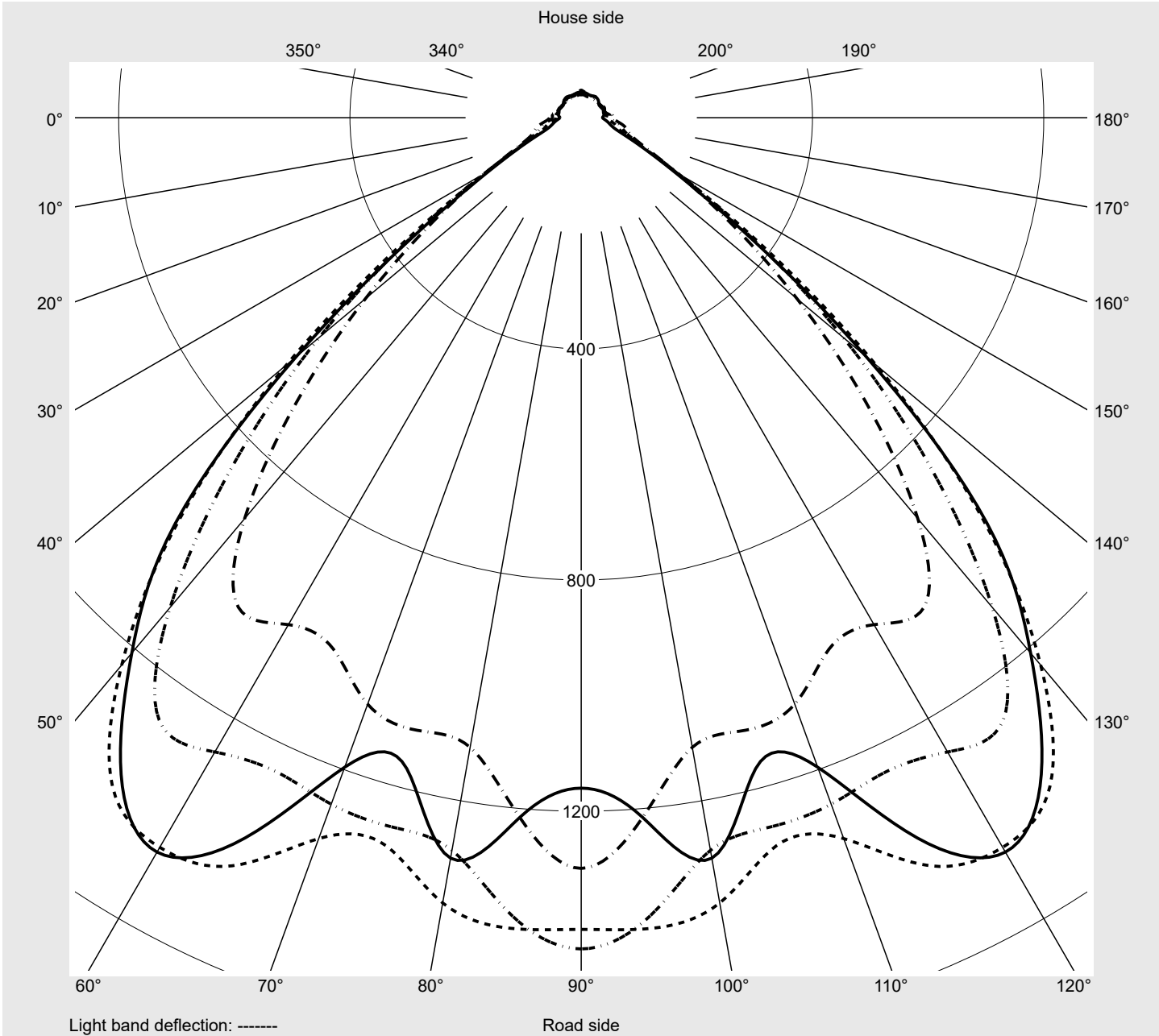
**Measurement conditions**

DIN EN 13032 and DIN 5032

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|   |  |                                     |
|---|--|-------------------------------------|
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**Envelope curve in cd/klm**      **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**      **siteco**



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

siteco

| Table of values for luminous intensities |                              | Maximum luminous intensity |             |             |             |             |             |             |             |             |             |             |             |
|--|------------------------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C-planes                                 | 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  | Luminous intensity 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>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  |                                   |



| C-planes | 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        | Luminous intensity 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>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>siteco</b>                     |

| C-planes | 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                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |       | Luminous flux 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            |

## Photometric test report

|  |  |                              |
|--|--|------------------------------|
| <b>Family</b><br>Floodlight FL21 micro | <b>Order number: 5XA7762A2F3A</b><br><b>EAN: 4058352669822</b> | <b>LP number</b><br>59367_99 |
|--|--|------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 25°C | <b>siteco</b> |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 2930               | 23.1                  | 23.8                  | 23.5                  |
| 95              | 241                  | 252                       | 2780               | 21.7                  | 22.4                  | 22.0                  |
| 90              | 229                  | 250                       | 2642               | 20.4                  | 21.1                  | 20.8                  |
| 85              | 216                  | 248                       | 2492               | 19.1                  | 19.7                  | 19.4                  |
| 80              | 203                  | 246                       | 2342               | 17.8                  | 18.3                  | 18.0                  |
| 75              | 190                  | 243                       | 2192               | 16.6                  | 17.1                  | 16.8                  |
| 70              | 178                  | 241                       | 2053               | 15.5                  | 15.9                  | 15.7                  |
| 65              | 165                  | 238                       | 1903               | 14.3                  | 14.7                  | 14.5                  |
| 60              | 152                  | 235                       | 1753               | 13.1                  | 13.5                  | 13.3                  |
| 55              | 140                  | 232                       | 1615               | 12.1                  | 12.4                  | 12.2                  |
| 50              | 127                  | 229                       | 1465               | 11.0                  | 11.3                  | 11.2                  |
| 45              | 114                  | 225                       | 1315               | 9.9                   | 10.2                  | 10.0                  |
| 40              | 102                  | 221                       | 1177               | 8.9                   | 9.2                   | 9.0                   |
| 35              | 89                   | 216                       | 1027               | 7.9                   | 8.1                   | 8.0                   |
| 30              | 76                   | 210                       | 877                | 6.9                   | 7.1                   | 7.0                   |
| 25              | 63                   | 203                       | 727                | 5.9                   | 6.1                   | 6.0                   |
| 20              | 51                   | 195                       | 588                | 5.1                   | 5.2                   | 5.2                   |
| 15              | 39                   | 185                       | 450                | 4.2                   | 4.3                   | 4.2                   |