

# Photometric test report

|  |   |  |
|--|---|--|
| <b>Family</b><br><b>Floodlight FL21 mini</b> | <b>Order number: 5XA7772D1E1A</b><br><b>EAN: 4058352655856</b>  | <b>LP number</b><br><b>59252_156</b>             |
|  | <b>Version</b> mounting bracket<br><b>Optic</b> asymmetric distribution PL64<br><b>Cover</b> toughened safety glass<br><b>Lamps</b> LED 2200 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 14250 lm<br>Power consumption = 143.0 W<br>Luminous efficacy = 99.7 lm/W | <b>serial documentation</b><br><b>26.08.2022</b> |



**Luminous intensity in cd/klm** C180-0 C230-50 C235-55 C270-90 **Imax: 1125 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°  | 159.0 |
| Imax 80°  | 26.3  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

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

**Envelope curve in cd/klm**      **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **KMK 50°**      **siteco**



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

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### 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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 131.6                        | 131.6      | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       | 131.6       |
| 2,5°     | 132.4                        | 134.5      | 136.5       | 138.6       | 140.7       | 142.9       | 145.0       | 147.2       | 149.3       | 151.1       | 152.6       | 154.1       | 155.5       |
| 5,0°     | 136.2                        | 140.7      | 145.2       | 150.1       | 155.2       | 160.1       | 165.5       | 171.2       | 177.1       | 182.6       | 187.7       | 192.3       | 196.7       |
| 7,5°     | 140.7                        | 147.8      | 155.4       | 163.1       | 171.8       | 181.2       | 191.0       | 201.4       | 212.6       | 224.1       | 234.3       | 242.3       | 248.0       |
| 10,0°    | 145.8                        | 155.5      | 166.0       | 177.1       | 189.8       | 203.4       | 219.6       | 236.2       | 247.5       | 254.2       | 258.8       | 261.3       | 262.6       |
| 12,5°    | 150.4                        | 163.4      | 176.8       | 191.2       | 208.5       | 228.7       | 244.2       | 253.7       | 259.4       | 261.0       | 260.3       | 258.1       | 255.4       |
| 15,0°    | 152.7                        | 169.1      | 184.5       | 203.0       | 225.6       | 243.0       | 253.7       | 258.5       | 258.2       | 255.7       | 252.1       | 249.2       | 247.0       |
| 17,5°    | 153.0                        | 171.4      | 189.1       | 213.7       | 236.0       | 249.5       | 254.3       | 253.6       | 250.3       | 247.3       | 245.3       | 243.9       | 243.1       |
| 20,0°    | 150.7                        | 170.1      | 191.9       | 220.1       | 239.7       | 247.8       | 247.7       | 244.7       | 242.2       | 240.9       | 239.8       | 239.4       | 239.0       |
| 22,5°    | 146.9                        | 167.3      | 194.1       | 222.9       | 239.1       | 241.1       | 238.4       | 236.2       | 234.8       | 234.0       | 233.9       | 234.1       | 234.5       |
| 25,0°    | 143.3                        | 166.0      | 197.5       | 224.2       | 235.4       | 233.9       | 231.7       | 229.8       | 228.3       | 228.4       | 229.2       | 230.5       | 231.6       |
| 27,5°    | 141.6                        | 168.5      | 202.2       | 227.6       | 232.9       | 229.8       | 227.0       | 224.2       | 223.4       | 224.5       | 226.5       | 230.0       | 233.3       |
| 30,0°    | 143.8                        | 174.8      | 209.4       | 232.3       | 233.6       | 228.8       | 223.8       | 220.7       | 220.7       | 223.4       | 228.9       | 235.1       | 241.0       |
| 32,5°    | 151.9                        | 186.1      | 221.0       | 239.6       | 236.5       | 229.5       | 222.7       | 220.1       | 222.5       | 229.3       | 237.7       | 248.7       | 261.9       |
| 35,0°    | 167.3                        | 204.1      | 238.0       | 252.1       | 245.3       | 233.3       | 225.7       | 225.6       | 233.1       | 243.5       | 258.5       | 276.2       | 294.8       |
| 37,5°    | 189.9                        | 231.0      | 265.4       | 275.9       | 263.2       | 243.1       | 234.5       | 238.8       | 249.7       | 266.6       | 287.4       | 310.3       | 332.0       |
| 40,0°    | 219.4                        | 268.8      | 310.2       | 319.3       | 292.3       | 261.6       | 252.6       | 260.2       | 275.4       | 298.0       | 323.7       | 350.9       | 373.9       |
| 42,5°    | 255.2                        | 318.2      | 376.2       | 379.5       | 329.0       | 294.5       | 282.7       | 290.6       | 310.0       | 334.9       | 363.8       | 392.0       | 416.1       |
| 45,0°    | 291.7                        | 377.9      | 460.0       | 441.3       | 383.2       | 346.4       | 329.7       | 335.2       | 356.3       | 380.6       | 408.5       | 437.2       | 467.1       |
| 47,5°    | 313.5                        | 422.4      | 510.1       | 492.7       | 444.3       | 404.7       | 385.1       | 390.6       | 412.4       | 433.9       | 462.3       | 509.0       | 567.3       |
| 50,0°    | 322.1                        | 427.1      | 523.1       | 531.8       | 498.3       | 460.9       | 444.9       | 458.7       | 490.7       | 529.8       | 590.9       | 678.4       | 759.4       |
| 52,5°    | 330.0                        | 423.0      | 510.7       | 534.9       | 511.8       | 482.8       | 480.3       | 520.0       | 602.2       | 709.6       | 803.6       | 883.3       | 935.9       |
| 55,0°    | 305.8                        | 384.9      | 457.0       | 476.1       | 460.3       | 453.6       | 483.4       | 565.6       | 738.3       | 923.8       | 1005.9      | 1041.7      | 1034.9      |
| 57,5°    | 224.1                        | 284.8      | 349.1       | 377.3       | 388.0       | 416.9       | 491.6       | 641.3       | 859.1       | 1060.2      | 1125.2      | 1081.1      | 964.9       |
| 60,0°    | 124.1                        | 156.8      | 227.5       | 273.2       | 299.1       | 350.2       | 474.4       | 685.2       | 902.7       | 1047.0      | 1045.9      | 924.1       | 734.1       |
| 62,5°    | 63.0                         | 73.0       | 129.6       | 185.8       | 222.2       | 266.7       | 381.8       | 564.4       | 742.6       | 853.1       | 813.5       | 664.6       | 495.2       |
| 65,0°    | 42.6                         | 44.9       | 81.7        | 136.8       | 181.2       | 216.0       | 273.1       | 371.7       | 467.9       | 543.1       | 529.6       | 413.8       | 301.4       |
| 67,5°    | 32.5                         | 35.5       | 54.9        | 89.0        | 121.0       | 143.7       | 166.0       | 206.7       | 241.9       | 283.0       | 278.9       | 234.8       | 203.4       |
| 70,0°    | 27.0                         | 28.2       | 38.3        | 54.2        | 71.1        | 80.0        | 89.0        | 107.6       | 120.9       | 125.1       | 137.6       | 159.0       | 148.1       |
| 72,5°    | 22.1                         | 22.7       | 23.8        | 26.1        | 38.7        | 50.0        | 53.3        | 52.6        | 32.7        | 50.1        | 82.7        | 108.4       | 102.1       |
| 75,0°    | 17.3                         | 18.2       | 18.6        | 20.8        | 23.8        | 33.3        | 35.7        | 23.9        | 24.2        | 34.9        | 57.1        | 70.0        | 68.9        |
| 77,5°    | 12.3                         | 13.6       | 14.7        | 16.3        | 17.7        | 23.3        | 23.2        | 18.2        | 17.8        | 23.1        | 38.9        | 47.5        | 44.6        |
| 80,0°    | 8.5                          | 9.4        | 11.0        | 12.4        | 13.8        | 14.7        | 14.5        | 12.5        | 11.8        | 14.2        | 22.7        | 26.3        | 22.3        |
| 82,5°    | 5.6                          | 6.1        | 7.7         | 9.0         | 10.5        | 10.4        | 9.4         | 8.1         | 7.1         | 7.6         | 12.0        | 10.9        | 9.5         |
| 85,0°    | 2.7                          | 3.3        | 4.5         | 5.5         | 6.0         | 5.5         | 4.9         | 3.8         | 3.3         | 2.8         | 2.9         | 2.9         | 3.1         |
| 87,5°    | 1.1                          | 1.2        | 1.4         | 1.6         | 1.6         | 1.4         | 1.2         | 1.0         | 1.0         | 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> |
|   |  |                                   |

**siteco**

| 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°     | 131.6                        | 131.6       | 131.6       | 131.6       | 131.6      | 131.6 | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        |
| 2,5°     | 156.6                        | 157.4       | 158.2       | 158.9       | 159.9      | 164.9 | 130.5        | 128.8        | 127.2        | 125.6        | 124.1        | 122.9        | 121.7        |
| 5,0°     | 200.7                        | 204.1       | 206.9       | 209.2       | 211.1      | 208.1 | 131.9        | 128.2        | 124.8        | 121.9        | 119.3        | 117.2        | 115.4        |
| 7,5°     | 251.8                        | 254.5       | 256.3       | 257.6       | 258.6      | 259.4 | 134.3        | 128.8        | 124.2        | 120.6        | 117.6        | 115.5        | 113.8        |
| 10,0°    | 262.9                        | 262.7       | 261.8       | 261.0       | 260.3      | 261.7 | 137.0        | 130.1        | 124.5        | 120.7        | 117.9        | 115.7        | 114.0        |
| 12,5°    | 252.7                        | 250.4       | 248.2       | 246.5       | 245.3      | 245.4 | 139.2        | 130.7        | 124.9        | 121.4        | 118.5        | 116.9        | 118.0        |
| 15,0°    | 245.6                        | 244.4       | 243.3       | 242.3       | 241.7      | 242.0 | 139.2        | 129.7        | 124.3        | 121.2        | 119.6        | 121.5        | 122.0        |
| 17,5°    | 242.5                        | 242.2       | 242.0       | 241.8       | 241.8      | 242.1 | 136.8        | 126.8        | 122.1        | 119.9        | 122.3        | 121.8        | 120.9        |
| 20,0°    | 238.9                        | 239.1       | 239.3       | 239.7       | 240.2      | 240.8 | 132.5        | 122.8        | 118.8        | 120.6        | 120.8        | 119.0        | 112.3        |
| 22,5°    | 234.9                        | 235.5       | 236.2       | 237.3       | 238.6      | 239.5 | 127.6        | 118.5        | 117.1        | 120.1        | 117.2        | 110.8        | 103.0        |
| 25,0°    | 232.8                        | 234.3       | 236.2       | 238.3       | 240.1      | 240.7 | 123.8        | 115.5        | 117.5        | 117.1        | 112.7        | 102.5        | 95.4         |
| 27,5°    | 235.5                        | 237.9       | 241.2       | 245.0       | 248.0      | 251.6 | 122.0        | 114.1        | 119.1        | 114.4        | 104.9        | 95.8         | 88.1         |
| 30,0°    | 247.1                        | 253.8       | 260.5       | 267.0       | 271.5      | 271.3 | 123.0        | 116.1        | 119.8        | 111.9        | 98.9         | 90.2         | 79.8         |
| 32,5°    | 273.6                        | 283.7       | 292.5       | 300.5       | 305.7      | 312.0 | 128.5        | 123.1        | 121.2        | 108.8        | 94.1         | 84.0         | 75.1         |
| 35,0°    | 310.3                        | 322.7       | 333.0       | 341.7       | 347.8      | 347.3 | 139.5        | 135.3        | 123.3        | 105.0        | 89.7         | 77.9         | 73.4         |
| 37,5°    | 350.9                        | 365.7       | 376.4       | 385.0       | 391.1      | 393.4 | 155.8        | 149.6        | 126.9        | 103.3        | 85.9         | 75.6         | 73.2         |
| 40,0°    | 394.0                        | 410.6       | 422.4       | 431.0       | 437.2      | 436.5 | 178.6        | 167.3        | 134.1        | 105.7        | 84.0         | 76.1         | 74.0         |
| 42,5°    | 437.8                        | 455.4       | 469.6       | 480.6       | 488.5      | 498.0 | 204.1        | 186.9        | 144.7        | 111.1        | 85.3         | 76.9         | 74.4         |
| 45,0°    | 496.1                        | 523.4       | 548.1       | 567.3       | 579.9      | 574.6 | 230.4        | 207.0        | 158.8        | 119.3        | 86.5         | 76.9         | 75.2         |
| 47,5°    | 622.1                        | 667.2       | 704.9       | 729.3       | 744.5      | 772.1 | 248.7        | 221.2        | 172.9        | 124.8        | 85.9         | 75.9         | 75.1         |
| 50,0°    | 817.7                        | 856.0       | 877.6       | 887.8       | 897.6      | 897.0 | 262.7        | 232.7        | 181.0        | 121.5        | 80.7         | 72.4         | 72.3         |
| 52,5°    | 957.0                        | 949.9       | 942.3       | 953.3       | 956.1      | 957.8 | 270.4        | 223.5        | 168.0        | 104.5        | 72.0         | 66.7         | 68.0         |
| 55,0°    | 985.4                        | 918.4       | 850.3       | 805.3       | 795.7      | 817.1 | 242.5        | 183.3        | 124.3        | 77.7         | 60.2         | 59.3         | 63.2         |
| 57,5°    | 820.8                        | 679.3       | 557.4       | 471.0       | 414.0      | 399.4 | 168.5        | 121.8        | 83.1         | 58.3         | 49.6         | 50.4         | 58.2         |
| 60,0°    | 565.9                        | 416.9       | 291.2       | 218.8       | 201.8      | 204.1 | 98.5         | 76.3         | 60.2         | 49.5         | 42.7         | 42.5         | 51.4         |
| 62,5°    | 352.9                        | 225.2       | 172.1       | 164.4       | 165.0      | 163.5 | 62.0         | 53.1         | 50.9         | 44.0         | 38.6         | 37.9         | 42.6         |
| 65,0°    | 215.8                        | 157.2       | 148.0       | 144.2       | 146.1      | 148.1 | 45.1         | 41.3         | 45.0         | 39.4         | 35.9         | 35.1         | 37.7         |
| 67,5°    | 155.8                        | 138.1       | 133.4       | 129.5       | 129.8      | 126.1 | 35.6         | 35.3         | 36.1         | 34.5         | 32.8         | 32.2         | 34.9         |
| 70,0°    | 123.4                        | 120.3       | 112.5       | 104.4       | 99.6       | 99.7  | 28.5         | 30.8         | 31.5         | 31.1         | 29.5         | 29.2         | 32.2         |
| 72,5°    | 90.4                         | 88.2        | 79.7        | 70.9        | 68.2       | 63.4  | 23.2         | 24.9         | 27.7         | 26.3         | 25.0         | 25.2         | 27.5         |
| 75,0°    | 64.4                         | 59.0        | 56.6        | 51.9        | 49.2       | 49.4  | 19.3         | 20.8         | 21.2         | 21.1         | 20.8         | 20.7         | 21.5         |
| 77,5°    | 39.1                         | 35.8        | 37.0        | 39.4        | 36.6       | 32.0  | 13.8         | 15.5         | 15.5         | 15.5         | 15.9         | 15.5         | 15.0         |
| 80,0°    | 19.4                         | 19.5        | 22.1        | 22.4        | 19.3       | 18.9  | 9.2          | 10.4         | 10.5         | 10.7         | 10.7         | 10.1         | 9.5          |
| 82,5°    | 9.4                          | 9.3         | 10.3        | 10.0        | 8.2        | 7.7   | 5.7          | 6.3          | 6.7          | 6.6          | 6.3          | 5.9          | 5.5          |
| 85,0°    | 3.1                          | 3.0         | 2.9         | 2.9         | 2.8        | 3.0   | 2.9          | 3.2          | 3.4          | 3.2          | 3.1          | 2.9          | 2.7          |
| 87,5°    | 1.1                          | 1.1         | 1.1         | 1.0         | 1.0        | 1.0   | 1.1          | 1.2          | 1.3          | 1.3          | 1.2          | 1.2          | 1.2          |
| 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°     | 131.6                        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6        | 131.6 | 0.2                     | 0.2               |
| 2,5°     | 120.5                        | 119.5        | 118.5        | 117.8        | 117.0        | 116.5        | 116.1        | 115.8        | 115.6        | 115.3        | 115.3 | 1.6                     | 1.8               |
| 5,0°     | 113.8                        | 112.6        | 111.6        | 110.9        | 110.4        | 110.0        | 109.7        | 109.6        | 109.4        | 109.1        | 109.2 | 3.5                     | 5.3               |
| 7,5°     | 112.5                        | 111.3        | 110.4        | 110.0        | 110.0        | 110.3        | 110.8        | 111.4        | 111.9        | 112.1        | 112.2 | 5.9                     | 11.2              |
| 10,0°    | 113.2                        | 113.9        | 115.3        | 116.9        | 118.0        | 118.9        | 120.0        | 120.9        | 121.7        | 122.0        | 122.0 | 8.4                     | 19.6              |
| 12,5°    | 119.7                        | 120.5        | 121.6        | 122.0        | 120.4        | 118.5        | 116.9        | 115.9        | 115.3        | 114.8        | 114.6 | 10.5                    | 30.1              |
| 15,0°    | 122.1                        | 120.5        | 116.5        | 113.3        | 110.9        | 109.0        | 107.6        | 106.7        | 106.1        | 105.6        | 105.2 | 12.5                    | 42.6              |
| 17,5°    | 115.7                        | 110.7        | 106.8        | 103.7        | 101.2        | 98.4         | 94.9         | 91.4         | 88.7         | 87.1         | 86.6  | 14.2                    | 56.8              |
| 20,0°    | 106.2                        | 101.5        | 97.6         | 92.5         | 85.4         | 80.0         | 77.7         | 77.1         | 77.0         | 77.0         | 76.9  | 15.6                    | 72.4              |
| 22,5°    | 97.2                         | 91.7         | 83.1         | 76.4         | 74.6         | 74.5         | 74.9         | 75.4         | 75.7         | 76.0         | 76.1  | 16.9                    | 89.3              |
| 25,0°    | 88.7                         | 78.4         | 73.8         | 72.9         | 73.0         | 73.6         | 74.4         | 75.3         | 76.2         | 76.8         | 77.1  | 18.3                    | 107.7             |
| 27,5°    | 77.4                         | 72.9         | 71.9         | 71.8         | 72.1         | 72.9         | 74.3         | 75.8         | 77.2         | 78.1         | 78.5  | 19.9                    | 127.6             |
| 30,0°    | 73.6                         | 71.9         | 71.4         | 71.4         | 71.7         | 72.7         | 74.5         | 76.4         | 78.1         | 79.3         | 79.7  | 22.0                    | 149.6             |
| 32,5°    | 72.5                         | 71.5         | 71.3         | 71.0         | 71.4         | 72.5         | 74.3         | 76.4         | 78.2         | 79.3         | 79.6  | 24.7                    | 174.3             |
| 35,0°    | 72.1                         | 71.7         | 71.3         | 71.2         | 71.2         | 72.0         | 73.0         | 74.5         | 76.2         | 77.3         | 77.7  | 28.1                    | 202.4             |
| 37,5°    | 72.9                         | 73.2         | 73.4         | 72.0         | 70.5         | 70.0         | 70.4         | 71.0         | 71.9         | 72.8         | 73.3  | 32.3                    | 234.7             |
| 40,0°    | 73.9                         | 75.3         | 75.1         | 71.5         | 68.7         | 66.7         | 66.6         | 67.4         | 68.6         | 69.5         | 69.9  | 37.6                    | 272.3             |
| 42,5°    | 74.4                         | 76.4         | 74.5         | 69.2         | 66.0         | 64.5         | 64.1         | 64.7         | 66.1         | 67.6         | 68.3  | 43.9                    | 316.2             |
| 45,0°    | 75.2                         | 75.9         | 73.1         | 68.2         | 64.3         | 62.2         | 61.4         | 62.3         | 64.3         | 66.3         | 67.4  | 52.1                    | 368.3             |
| 47,5°    | 75.1                         | 74.8         | 73.2         | 67.8         | 62.7         | 60.7         | 60.0         | 61.4         | 64.6         | 67.3         | 68.4  | 63.5                    | 431.8             |
| 50,0°    | 74.2                         | 74.8         | 72.5         | 67.4         | 61.7         | 59.9         | 60.1         | 60.9         | 62.5         | 64.5         | 66.0  | 77.1                    | 508.9             |
| 52,5°    | 72.3                         | 73.4         | 70.7         | 67.3         | 61.5         | 59.5         | 57.9         | 58.1         | 59.9         | 61.8         | 64.0  | 88.3                    | 597.2             |
| 55,0°    | 69.1                         | 70.8         | 68.3         | 66.7         | 61.9         | 57.2         | 55.2         | 55.5         | 56.4         | 58.2         | 61.7  | 90.8                    | 688.0             |
| 57,5°    | 65.7                         | 67.4         | 65.6         | 66.0         | 61.7         | 55.4         | 52.8         | 52.5         | 53.7         | 55.6         | 58.5  | 81.1                    | 769.0             |
| 60,0°    | 61.4                         | 63.0         | 62.1         | 63.8         | 61.7         | 55.3         | 51.6         | 51.0         | 52.2         | 56.1         | 60.3  | 66.4                    | 835.4             |
| 62,5°    | 52.6                         | 57.3         | 56.9         | 60.4         | 60.7         | 55.9         | 51.6         | 51.3         | 57.5         | 69.3         | 75.4  | 51.0                    | 886.5             |
| 65,0°    | 43.1                         | 48.7         | 51.4         | 55.4         | 57.9         | 56.1         | 52.5         | 56.3         | 62.8         | 61.2         | 61.7  | 36.9                    | 923.4             |
| 67,5°    | 37.4                         | 38.3         | 42.6         | 48.4         | 54.0         | 54.3         | 53.4         | 55.3         | 52.6         | 53.2         | 54.3  | 25.3                    | 948.7             |
| 70,0°    | 32.2                         | 30.9         | 33.3         | 40.0         | 47.3         | 50.8         | 51.5         | 49.0         | 47.0         | 48.3         | 49.4  | 17.6                    | 966.3             |
| 72,5°    | 25.8                         | 25.0         | 24.1         | 28.5         | 36.2         | 42.4         | 45.8         | 39.0         | 39.0         | 39.6         | 40.0  | 11.9                    | 978.2             |
| 75,0°    | 19.8                         | 17.8         | 17.9         | 20.3         | 25.4         | 31.1         | 36.7         | 33.2         | 30.3         | 30.4         | 31.0  | 8.7                     | 986.9             |
| 77,5°    | 13.8                         | 12.8         | 12.8         | 14.4         | 18.1         | 21.3         | 25.2         | 25.0         | 21.7         | 21.6         | 22.2  | 6.1                     | 993.0             |
| 80,0°    | 8.7                          | 8.6          | 8.6          | 9.3          | 11.7         | 12.3         | 13.6         | 15.3         | 13.6         | 13.3         | 13.5  | 3.7                     | 996.7             |
| 82,5°    | 5.2                          | 5.1          | 5.1          | 5.6          | 6.8          | 6.7          | 6.7          | 7.3          | 7.2          | 6.9          | 7.1   | 2.1                     | 998.8             |
| 85,0°    | 2.6                          | 2.5          | 2.5          | 2.6          | 2.8          | 2.7          | 2.7          | 2.6          | 2.6          | 2.6          | 2.6   | 0.9                     | 999.7             |
| 87,5°    | 1.2                          | 1.3          | 1.3          | 1.3          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4   | 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 mini | <b>Order number: 5XA7772D1E1A</b><br><b>EAN: 4058352655856</b> | <b>LP number</b><br>59252_156 |
|---------------------------------------|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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                       | 14250              | 143.0                 | 151.5                 | 147.2                 |
| 95              | 241                  | 252                       | 13521              | 132.7                 | 140.6                 | 136.6                 |
| 90              | 229                  | 250                       | 12847              | 123.7                 | 131.0                 | 127.4                 |
| 85              | 216                  | 248                       | 12118              | 114.4                 | 121.1                 | 117.8                 |
| 80              | 203                  | 246                       | 11389              | 105.5                 | 111.7                 | 108.6                 |
| 75              | 190                  | 243                       | 10659              | 97.1                  | 102.6                 | 99.8                  |
| 70              | 178                  | 241                       | 9986               | 89.7                  | 94.7                  | 92.2                  |
| 65              | 165                  | 238                       | 9257               | 81.8                  | 86.4                  | 84.1                  |
| 60              | 152                  | 235                       | 8528               | 74.2                  | 78.4                  | 76.3                  |
| 55              | 140                  | 232                       | 7854               | 67.6                  | 71.3                  | 69.4                  |
| 50              | 127                  | 229                       | 7125               | 60.5                  | 63.8                  | 62.2                  |
| 45              | 114                  | 225                       | 6396               | 53.7                  | 56.6                  | 55.2                  |
| 40              | 102                  | 221                       | 5722               | 47.5                  | 50.1                  | 48.8                  |
| 35              | 89                   | 216                       | 4993               | 41.0                  | 43.2                  | 42.1                  |
| 30              | 76                   | 210                       | 4264               | 34.7                  | 36.6                  | 35.7                  |
| 25              | 63                   | 203                       | 3534               | 28.7                  | 30.2                  | 29.4                  |
| 20              | 51                   | 195                       | 2861               | 23.4                  | 24.5                  | 24.0                  |
| 15              | 38                   | 184                       | 2132               | 17.8                  | 18.6                  | 18.2                  |
| 11              | 28                   | 173                       | 1571               | 13.5                  | 14.1                  | 13.8                  |