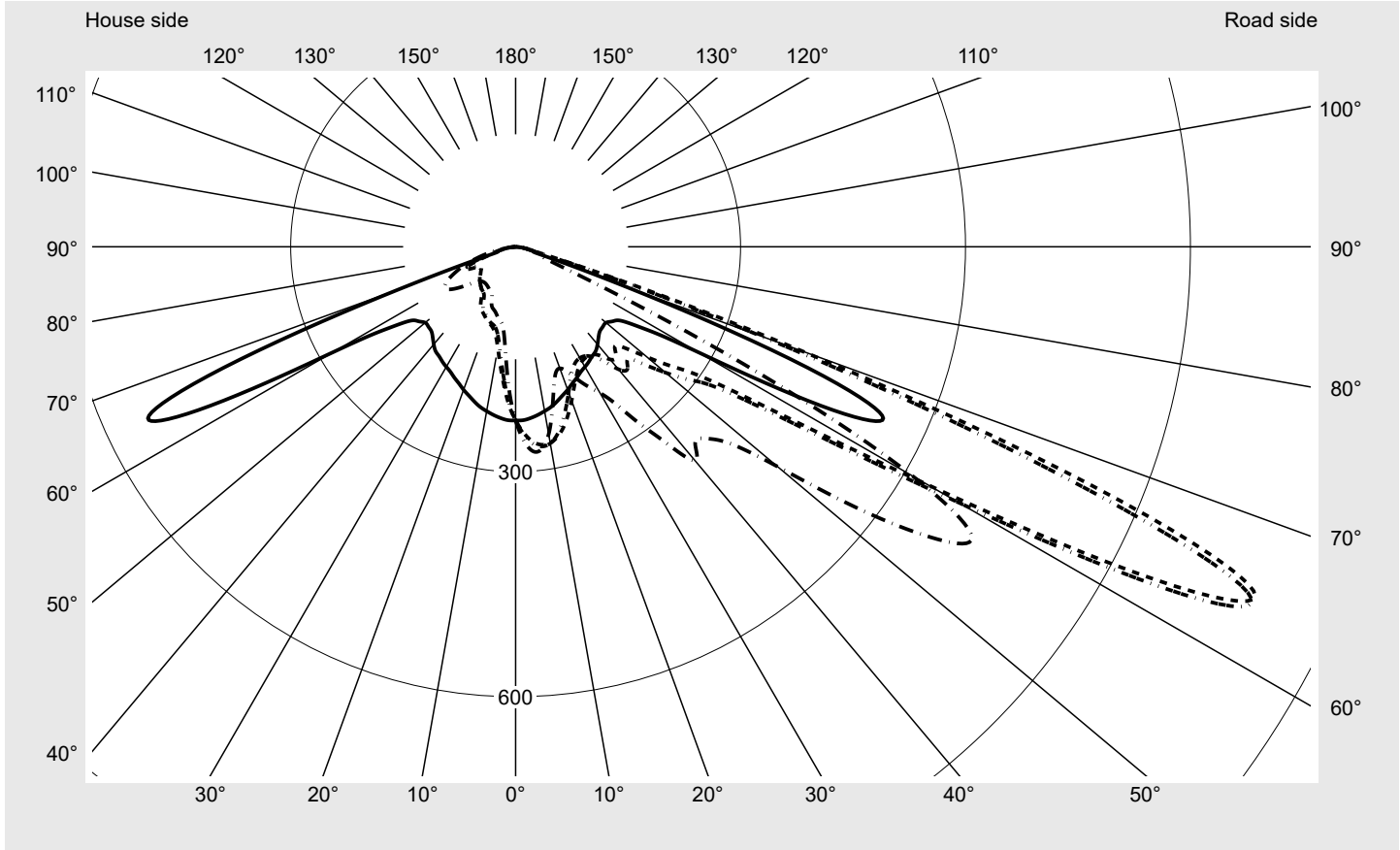


# Photometric test report

|   |  |  |
|---|--|--|
| <b>Family</b><br><b>Floodlight FL21 midi</b>  | <b>Order number: 5XA7782F4D3A</b><br><b>EAN: 4058352854747</b>   | <b>LP number</b><br><b>59303_152</b>             |
|   | <b>Version</b> Mast bracket<br><b>Optic</b> asymmetric distribution PL52<br><b>Cover</b> toughened safety glass<br><b>Lamps</b> LED 4000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 37330 lm<br>Power consumption = 270.2 W<br>Luminous efficacy = 138.2 lm/W | <b>serial documentation</b><br><b>22.08.2023</b> |

**Luminous intensity in cd/klm** C180-0 C215-35 C220-40 C270-90 **Imax: 1086 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:    | G4    |
| Imax 70°  | 458.7 |
| Imax 80°  | 34.3  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

|                                       |  |                               |
|---------------------------------------|--|-------------------------------|
| <b>Family</b><br>Floodlight FL21 midi | <b>Order number: 5XA7782F4D3A</b><br><b>EAN: 4058352854747</b> | <b>LP number</b><br>59303_152 |
|---------------------------------------|--|-------------------------------|

**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**      **siteco**



## Photometric test report

|                                       |  |                               |
|---------------------------------------|--|-------------------------------|
| <b>Family</b><br>Floodlight FL21 midi | <b>Order number: 5XA7782F4D3A</b><br><b>EAN: 4058352854747</b> | <b>LP number</b><br>59303_152 |
|---------------------------------------|--|-------------------------------|

**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°                                     | 231.6                        | 231.6                      | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       | 231.6       |
| 2,5°                                     | 231.5                        | 234.5                      | 237.2       | 239.9       | 242.1       | 244.3       | 246.4       | 248.4       | 250.2       | 251.6       | 253.1       | 254.6       | 255.7       |
| 5,0°                                     | 229.3                        | 235.1                      | 240.5       | 245.6       | 250.0       | 254.0       | 257.5       | 260.7       | 263.3       | 265.4       | 267.6       | 269.2       | 270.7       |
| 7,5°                                     | 226.2                        | 234.9                      | 242.4       | 249.0       | 254.6       | 259.4       | 263.2       | 266.3       | 268.6       | 269.8       | 270.8       | 271.5       | 271.7       |
| 10,0°                                    | 222.5                        | 233.4                      | 242.9       | 250.6       | 256.6       | 261.1       | 264.1       | 265.7       | 266.1       | 265.2       | 263.9       | 262.0       | 260.3       |
| 12,5°                                    | 218.7                        | 231.6                      | 242.6       | 250.5       | 256.0       | 259.4       | 260.3       | 259.1       | 256.5       | 252.4       | 247.8       | 242.9       | 238.0       |
| 15,0°                                    | 213.5                        | 228.4                      | 239.9       | 248.4       | 253.1       | 254.4       | 252.5       | 248.3       | 241.3       | 234.5       | 226.7       | 219.1       | 212.6       |
| 17,5°                                    | 207.9                        | 224.8                      | 237.0       | 245.2       | 248.3       | 246.8       | 241.7       | 233.7       | 224.0       | 213.8       | 204.3       | 195.8       | 189.0       |
| 20,0°                                    | 202.9                        | 220.7                      | 233.9       | 241.3       | 242.3       | 238.0       | 229.5       | 218.3       | 206.6       | 195.3       | 186.0       | 179.3       | 174.9       |
| 22,5°                                    | 197.4                        | 217.4                      | 230.8       | 237.1       | 235.8       | 228.3       | 216.6       | 203.4       | 190.7       | 180.7       | 174.3       | 171.2       | 170.7       |
| 25,0°                                    | 192.8                        | 214.0                      | 228.1       | 233.3       | 229.6       | 219.3       | 205.3       | 191.3       | 180.0       | 173.2       | 171.0       | 172.6       | 176.3       |
| 27,5°                                    | 188.1                        | 211.9                      | 226.4       | 230.2       | 223.9       | 211.1       | 195.6       | 181.8       | 173.4       | 171.3       | 174.7       | 181.5       | 189.2       |
| 30,0°                                    | 184.9                        | 210.9                      | 226.6       | 229.5       | 221.1       | 205.8       | 189.7       | 176.8       | 171.2       | 173.6       | 182.3       | 194.2       | 204.9       |
| 32,5°                                    | 181.7                        | 210.8                      | 227.6       | 229.3       | 218.6       | 201.5       | 185.7       | 174.8       | 172.7       | 179.7       | 193.4       | 209.7       | 223.3       |
| 35,0°                                    | 178.1                        | 210.0                      | 229.4       | 230.0       | 217.8       | 199.9       | 183.9       | 176.0       | 178.9       | 191.2       | 209.9       | 231.0       | 249.7       |
| 37,5°                                    | 175.4                        | 210.6                      | 231.6       | 232.2       | 219.4       | 200.9       | 186.3       | 182.3       | 191.3       | 210.3       | 235.9       | 263.9       | 289.1       |
| 40,0°                                    | 169.8                        | 208.7                      | 231.0       | 233.7       | 222.0       | 205.0       | 193.8       | 196.0       | 213.1       | 238.5       | 269.3       | 300.8       | 327.7       |
| 42,5°                                    | 163.7                        | 204.8                      | 228.0       | 230.0       | 216.3       | 199.0       | 190.4       | 198.6       | 220.8       | 245.1       | 271.5       | 296.4       | 317.0       |
| 45,0°                                    | 159.0                        | 202.1                      | 226.7       | 225.9       | 206.9       | 185.9       | 177.4       | 187.6       | 211.9       | 240.6       | 269.2       | 293.9       | 312.6       |
| 47,5°                                    | 157.8                        | 206.0                      | 234.1       | 231.9       | 210.9       | 189.3       | 184.8       | 201.3       | 231.8       | 263.5       | 288.6       | 307.1       | 321.7       |
| 50,0°                                    | 157.4                        | 214.1                      | 248.3       | 247.0       | 225.5       | 204.9       | 205.6       | 228.7       | 261.1       | 290.4       | 309.0       | 319.1       | 329.1       |
| 52,5°                                    | 163.2                        | 228.6                      | 268.5       | 268.3       | 246.7       | 228.5       | 234.7       | 261.3       | 291.0       | 312.6       | 324.0       | 330.0       | 348.1       |
| 55,0°                                    | 172.1                        | 259.8                      | 301.9       | 304.0       | 280.4       | 263.2       | 273.7       | 300.9       | 326.9       | 344.5       | 360.1       | 388.8       | 439.1       |
| 57,5°                                    | 203.4                        | 308.5                      | 371.7       | 376.8       | 355.2       | 346.7       | 368.6       | 403.7       | 435.1       | 467.2       | 515.3       | 563.4       | 588.4       |
| 60,0°                                    | 281.0                        | 437.6                      | 528.1       | 543.6       | 533.8       | 544.1       | 586.8       | 635.0       | 681.7       | 736.4       | 770.6       | 755.2       | 706.8       |
| 62,5°                                    | 459.0                        | 683.9                      | 801.0       | 823.5       | 822.2       | 848.4       | 906.9       | 960.5       | 1004.1      | 1008.6      | 950.1       | 833.7       | 672.9       |
| 65,0°                                    | 541.0                        | 836.7                      | 974.5       | 994.6       | 989.6       | 1015.3      | 1059.5      | 1086.1      | 1066.5      | 983.9       | 838.7       | 655.4       | 484.9       |
| 67,5°                                    | 421.8                        | 721.2                      | 884.2       | 915.6       | 892.2       | 875.4       | 867.2       | 831.1       | 750.0       | 630.8       | 494.5       | 376.5       | 281.8       |
| 70,0°                                    | 164.2                        | 284.0                      | 373.6       | 428.7       | 458.7       | 451.5       | 438.1       | 405.6       | 349.3       | 286.2       | 234.6       | 187.8       | 147.2       |
| 72,5°                                    | 37.8                         | 50.0                       | 56.7        | 67.7        | 100.8       | 124.5       | 127.5       | 125.3       | 110.6       | 85.4        | 86.9        | 78.5        | 67.8        |
| 75,0°                                    | 25.6                         | 27.1                       | 28.6        | 29.9        | 32.4        | 37.7        | 39.6        | 40.4        | 33.6        | 32.0        | 36.5        | 35.9        | 34.7        |
| 77,5°                                    | 18.9                         | 19.4                       | 20.1        | 20.7        | 21.4        | 22.5        | 22.9        | 23.3        | 22.7        | 23.1        | 24.1        | 24.2        | 25.6        |
| 80,0°                                    | 14.3                         | 13.2                       | 13.3        | 13.7        | 14.1        | 15.1        | 15.0        | 15.1        | 15.1        | 15.6        | 15.8        | 15.8        | 19.3        |
| 82,5°                                    | 8.4                          | 7.6                        | 7.8         | 8.1         | 8.3         | 9.0         | 9.0         | 8.9         | 9.1         | 9.3         | 9.4         | 9.2         | 10.5        |
| 85,0°                                    | 4.1                          | 3.5                        | 3.5         | 3.7         | 3.9         | 4.1         | 4.3         | 4.3         | 4.3         | 4.3         | 4.3         | 4.3         | 4.4         |
| 87,5°                                    | 1.3                          | 1.3                        | 1.2         | 1.2         | 1.2         | 1.2         | 1.3         | 1.3         | 1.2         | 1.2         | 1.1         | 1.1         | 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         |

## Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br>Floodlight FL21 midi           | <b>Order number: 5XA7782F4D3A</b><br><b>EAN: 4058352854747</b> | <b>LP number</b><br><b>59303_152</b> |
| <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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 231.6                        | 231.6       | 231.6       | 231.6       | 231.6      | 231.6 | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        |
| 2,5°     | 256.6                        | 257.5       | 258.2       | 258.8       | 259.1      | 259.4 | 228.6        | 225.4        | 222.3        | 219.2        | 216.1        | 213.0        | 210.1        |
| 5,0°     | 271.7                        | 272.4       | 273.1       | 273.6       | 273.9      | 274.0 | 223.0        | 216.4        | 209.6        | 202.9        | 196.2        | 189.6        | 183.4        |
| 7,5°     | 271.7                        | 271.4       | 271.2       | 271.2       | 271.4      | 271.4 | 217.0        | 207.0        | 196.7        | 186.4        | 176.4        | 166.9        | 158.0        |
| 10,0°    | 257.9                        | 256.3       | 254.9       | 254.1       | 254.0      | 253.8 | 210.4        | 197.3        | 183.8        | 170.7        | 158.0        | 146.5        | 136.7        |
| 12,5°    | 233.8                        | 230.0       | 227.5       | 225.9       | 225.2      | 224.9 | 203.7        | 187.7        | 171.5        | 156.1        | 142.2        | 130.7        | 121.9        |
| 15,0°    | 206.9                        | 202.4       | 199.3       | 197.4       | 196.4      | 196.3 | 196.1        | 177.5        | 159.4        | 143.0        | 129.7        | 120.2        | 113.7        |
| 17,5°    | 184.0                        | 180.4       | 178.5       | 177.4       | 177.1      | 177.2 | 188.5        | 167.5        | 147.8        | 131.8        | 120.4        | 113.4        | 109.4        |
| 20,0°    | 172.4                        | 171.1       | 171.0       | 171.5       | 172.1      | 172.5 | 180.7        | 157.7        | 137.5        | 122.6        | 113.6        | 109.0        | 106.6        |
| 22,5°    | 171.7                        | 173.3       | 175.3       | 177.6       | 179.5      | 180.3 | 173.5        | 148.7        | 128.5        | 115.4        | 108.6        | 105.6        | 103.3        |
| 25,0°    | 180.4                        | 184.0       | 187.5       | 191.1       | 194.0      | 195.2 | 166.1        | 140.4        | 120.9        | 110.1        | 105.1        | 102.4        | 99.8         |
| 27,5°    | 194.9                        | 198.1       | 201.4       | 206.2       | 209.6      | 210.4 | 159.8        | 133.1        | 114.9        | 105.9        | 102.2        | 99.3         | 96.7         |
| 30,0°    | 211.0                        | 213.4       | 216.8       | 223.3       | 225.7      | 225.2 | 153.2        | 125.9        | 109.4        | 102.4        | 99.3         | 96.6         | 93.0         |
| 32,5°    | 230.7                        | 234.4       | 240.4       | 248.9       | 249.2      | 248.6 | 147.8        | 119.8        | 104.8        | 99.1         | 96.4         | 93.6         | 86.1         |
| 35,0°    | 260.3                        | 266.9       | 278.0       | 288.2       | 286.9      | 287.5 | 141.1        | 113.3        | 99.9         | 95.7         | 92.6         | 86.8         | 78.5         |
| 37,5°    | 303.6                        | 312.8       | 322.9       | 327.5       | 328.1      | 329.6 | 135.0        | 107.3        | 95.8         | 92.5         | 86.3         | 78.6         | 74.0         |
| 40,0°    | 343.2                        | 350.8       | 360.0       | 365.5       | 369.3      | 372.3 | 127.7        | 101.3        | 91.9         | 89.1         | 78.2         | 72.6         | 71.6         |
| 42,5°    | 329.7                        | 335.0       | 342.0       | 348.1       | 352.2      | 354.4 | 120.9        | 96.0         | 88.5         | 85.4         | 72.4         | 69.5         | 69.2         |
| 45,0°    | 325.0                        | 331.5       | 341.4       | 352.4       | 358.7      | 361.7 | 113.7        | 91.1         | 85.4         | 81.8         | 68.4         | 66.7         | 66.9         |
| 47,5°    | 334.5                        | 343.3       | 356.2       | 373.7       | 383.7      | 388.7 | 109.8        | 87.7         | 82.9         | 78.3         | 65.3         | 64.2         | 64.3         |
| 50,0°    | 344.2                        | 365.5       | 393.0       | 427.0       | 447.6      | 455.9 | 106.1        | 84.9         | 80.8         | 74.6         | 62.0         | 61.6         | 61.6         |
| 52,5°    | 386.7                        | 435.0       | 483.5       | 531.2       | 558.8      | 569.1 | 104.9        | 83.4         | 79.4         | 71.3         | 59.2         | 58.9         | 58.9         |
| 55,0°    | 491.9                        | 536.5       | 582.5       | 630.2       | 661.6      | 674.9 | 106.0        | 83.1         | 78.7         | 67.9         | 56.9         | 56.2         | 56.5         |
| 57,5°    | 601.7                        | 615.0       | 643.8       | 682.0       | 709.6      | 721.4 | 114.8        | 85.9         | 79.7         | 66.3         | 55.7         | 54.1         | 54.2         |
| 60,0°    | 644.7                        | 592.9       | 578.6       | 591.2       | 605.1      | 611.2 | 140.6        | 94.7         | 85.1         | 70.0         | 59.8         | 55.6         | 53.5         |
| 62,5°    | 532.1                        | 442.6       | 407.1       | 390.4       | 371.5      | 372.0 | 218.5        | 116.7        | 98.1         | 83.3         | 74.8         | 67.3         | 59.4         |
| 65,0°    | 359.7                        | 284.4       | 213.4       | 163.1       | 135.7      | 136.8 | 267.6        | 124.6        | 102.7        | 92.8         | 88.5         | 81.4         | 71.2         |
| 67,5°    | 212.7                        | 163.6       | 70.8        | 55.1        | 51.3       | 50.3  | 137.5        | 86.1         | 80.6         | 78.6         | 79.5         | 76.7         | 70.5         |
| 70,0°    | 116.8                        | 92.0        | 45.7        | 40.5        | 39.5       | 39.3  | 53.1         | 45.7         | 45.1         | 46.7         | 49.3         | 52.7         | 53.8         |
| 72,5°    | 57.5                         | 49.2        | 35.9        | 34.4        | 34.4       | 35.0  | 34.1         | 33.0         | 31.8         | 31.7         | 32.8         | 35.6         | 37.7         |
| 75,0°    | 32.7                         | 31.8        | 30.6        | 28.9        | 27.7       | 28.0  | 27.3         | 26.2         | 25.0         | 25.1         | 26.1         | 27.7         | 29.9         |
| 77,5°    | 32.1                         | 32.2        | 25.5        | 20.8        | 19.4       | 19.6  | 20.3         | 19.4         | 18.9         | 19.4         | 20.1         | 21.7         | 22.9         |
| 80,0°    | 34.3                         | 31.4        | 17.5        | 13.9        | 12.8       | 12.7  | 15.0         | 13.6         | 13.2         | 13.8         | 14.5         | 15.5         | 16.1         |
| 82,5°    | 16.1                         | 15.6        | 10.1        | 8.2         | 7.5        | 7.1   | 8.4          | 7.8          | 8.2          | 8.7          | 9.2          | 9.6          | 9.8          |
| 85,0°    | 5.2                          | 5.1         | 4.4         | 3.6         | 3.2        | 2.9   | 3.6          | 3.8          | 4.0          | 4.3          | 4.5          | 4.6          | 4.7          |
| 87,5°    | 1.1                          | 1.1         | 1.0         | 1.0         | 0.9        | 0.9   | 1.3          | 1.4          | 1.5          | 1.6          | 1.6          | 1.7          | 1.7          |
| 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          |

## Photometric test report

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Family</b><br>Floodlight FL21 midi           | <b>Order number: 5XA7782F4D3A</b><br><b>EAN: 4058352854747</b> | <b>LP number</b><br>59303_152     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  |                                   |

**siteco**

| 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°     | 231.6                        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6        | 231.6 | 0.3                     | 0.3               |
| 2,5°     | 207.5                        | 204.9        | 202.7        | 200.5        | 198.6        | 197.1        | 195.7        | 194.7        | 193.7        | 193.2        | 192.8 | 2.7                     | 3.1               |
| 5,0°     | 177.6                        | 172.1        | 167.4        | 163.0        | 159.2        | 156.1        | 153.5        | 151.5        | 149.9        | 148.9        | 148.5 | 5.2                     | 8.3               |
| 7,5°     | 150.1                        | 142.9        | 137.0        | 131.9        | 127.9        | 124.9        | 122.4        | 120.5        | 119.1        | 118.3        | 118.1 | 7.5                     | 15.8              |
| 10,0°    | 128.5                        | 122.0        | 117.0        | 113.1        | 110.2        | 108.2        | 106.7        | 105.6        | 104.9        | 104.5        | 104.4 | 9.4                     | 25.2              |
| 12,5°    | 115.4                        | 110.6        | 107.3        | 105.0        | 103.3        | 102.3        | 101.4        | 100.8        | 100.3        | 100.0        | 100.0 | 11.0                    | 36.2              |
| 15,0°    | 109.4                        | 106.5        | 104.4        | 102.5        | 100.6        | 98.9         | 97.6         | 96.5         | 95.7         | 95.3         | 95.2  | 12.4                    | 48.5              |
| 17,5°    | 107.0                        | 104.7        | 102.2        | 99.6         | 97.2         | 95.1         | 93.4         | 92.2         | 91.3         | 90.8         | 90.7  | 13.5                    | 62.0              |
| 20,0°    | 104.4                        | 101.8        | 99.0         | 96.5         | 94.3         | 92.3         | 90.6         | 89.4         | 88.6         | 88.1         | 87.9  | 14.7                    | 76.7              |
| 22,5°    | 100.7                        | 98.3         | 96.1         | 94.1         | 92.0         | 88.8         | 86.1         | 84.6         | 84.0         | 83.8         | 83.7  | 15.9                    | 92.6              |
| 25,0°    | 97.4                         | 95.3         | 93.3         | 90.3         | 85.4         | 80.8         | 77.4         | 75.9         | 75.4         | 75.0         | 74.9  | 17.2                    | 109.8             |
| 27,5°    | 93.6                         | 90.0         | 86.6         | 82.2         | 77.4         | 74.3         | 72.6         | 71.2         | 70.2         | 69.5         | 69.2  | 18.7                    | 128.5             |
| 30,0°    | 86.3                         | 81.5         | 78.6         | 76.0         | 74.5         | 73.2         | 71.7         | 70.2         | 69.1         | 68.3         | 68.0  | 20.3                    | 148.8             |
| 32,5°    | 78.4                         | 75.9         | 74.9         | 74.2         | 73.3         | 72.0         | 70.3         | 68.7         | 67.5         | 66.6         | 66.3  | 22.3                    | 171.0             |
| 35,0°    | 74.7                         | 74.0         | 73.4         | 72.6         | 71.4         | 70.0         | 68.4         | 67.0         | 65.9         | 65.1         | 64.7  | 24.7                    | 195.7             |
| 37,5°    | 73.1                         | 72.5         | 71.7         | 70.5         | 69.5         | 68.4         | 67.2         | 66.0         | 65.0         | 64.2         | 63.7  | 27.7                    | 223.4             |
| 40,0°    | 71.3                         | 70.7         | 69.5         | 68.6         | 68.0         | 67.3         | 66.3         | 65.4         | 64.7         | 63.8         | 63.2  | 31.0                    | 254.4             |
| 42,5°    | 69.2                         | 68.5         | 67.9         | 67.4         | 66.9         | 66.4         | 66.0         | 65.6         | 65.0         | 64.1         | 63.5  | 31.7                    | 286.1             |
| 45,0°    | 66.8                         | 66.7         | 66.6         | 66.5         | 66.4         | 66.4         | 66.5         | 66.7         | 66.6         | 65.7         | 65.1  | 32.6                    | 318.8             |
| 47,5°    | 64.7                         | 65.2         | 65.7         | 66.1         | 66.6         | 67.3         | 68.3         | 69.4         | 69.8         | 69.3         | 68.8  | 35.2                    | 354.0             |
| 50,0°    | 62.4                         | 63.6         | 64.7         | 66.0         | 67.5         | 69.6         | 72.3         | 74.7         | 75.7         | 75.8         | 75.7  | 39.1                    | 393.1             |
| 52,5°    | 60.1                         | 61.7         | 63.7         | 65.9         | 69.0         | 73.4         | 79.0         | 83.4         | 84.7         | 85.3         | 85.7  | 45.1                    | 438.2             |
| 55,0°    | 57.8                         | 60.0         | 62.7         | 66.7         | 72.0         | 79.7         | 88.9         | 94.8         | 95.2         | 95.9         | 96.7  | 53.5                    | 491.8             |
| 57,5°    | 55.6                         | 58.3         | 62.2         | 68.2         | 76.3         | 87.4         | 99.9         | 106.1        | 104.6        | 104.6        | 105.7 | 66.2                    | 558.0             |
| 60,0°    | 53.9                         | 56.9         | 62.2         | 70.3         | 81.0         | 94.3         | 107.8        | 112.8        | 108.9        | 107.7        | 108.8 | 82.6                    | 640.6             |
| 62,5°    | 55.4                         | 56.9         | 62.5         | 71.8         | 84.2         | 97.4         | 109.3        | 112.3        | 106.3        | 104.1        | 104.5 | 99.5                    | 740.1             |
| 65,0°    | 63.7                         | 63.5         | 66.0         | 72.7         | 84.1         | 95.3         | 105.1        | 105.4        | 98.9         | 95.6         | 96.1  | 99.9                    | 840.0             |
| 67,5°    | 70.1                         | 78.4         | 77.3         | 72.4         | 79.6         | 88.2         | 95.1         | 94.0         | 87.3         | 84.7         | 85.0  | 77.4                    | 917.4             |
| 70,0°    | 61.5                         | 83.1         | 81.8         | 70.7         | 72.2         | 78.2         | 82.6         | 81.2         | 75.4         | 72.7         | 73.9  | 40.8                    | 958.2             |
| 72,5°    | 42.3                         | 57.4         | 62.9         | 59.5         | 61.2         | 65.1         | 67.5         | 65.8         | 60.5         | 58.3         | 60.0  | 16.1                    | 974.3             |
| 75,0°    | 31.9                         | 36.8         | 42.7         | 46.3         | 49.5         | 52.1         | 53.3         | 51.3         | 47.4         | 45.6         | 47.0  | 9.3                     | 983.7             |
| 77,5°    | 24.7                         | 27.9         | 31.7         | 34.9         | 37.5         | 39.4         | 39.8         | 37.3         | 34.2         | 32.7         | 33.7  | 6.9                     | 990.6             |
| 80,0°    | 17.6                         | 19.4         | 21.6         | 23.6         | 25.1         | 26.0         | 25.6         | 23.9         | 22.2         | 21.1         | 21.1  | 4.9                     | 995.4             |
| 82,5°    | 10.4                         | 11.4         | 12.7         | 13.8         | 14.8         | 15.6         | 15.4         | 14.5         | 13.4         | 12.7         | 12.6  | 2.9                     | 998.3             |
| 85,0°    | 4.9                          | 5.3          | 5.9          | 6.5          | 7.0          | 7.3          | 7.4          | 7.1          | 6.6          | 6.3          | 6.2   | 1.3                     | 999.6             |
| 87,5°    | 1.7                          | 1.8          | 1.9          | 2.0          | 2.2          | 2.2          | 2.2          | 2.1          | 1.9          | 1.8          | 1.7   | 0.4                     | 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 midi | <b>Order number: 5XA7782F4D3A</b><br><b>EAN: 4058352854747</b> | <b>LP number</b><br>59303_152 |
|---------------------------------------|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 37330              | 270.2                                   | 286.6                                 | 278.4                         |
| 95              | 241                  | 252                       | 35419              | 251.7                                   | 266.8                                 | 259.2                         |
| 90              | 229                  | 250                       | 33656              | 235.4                                   | 249.4                                 | 242.4                         |
| 85              | 216                  | 248                       | 31745              | 218.4                                   | 231.3                                 | 224.8                         |
| 80              | 203                  | 246                       | 29835              | 202.1                                   | 214.0                                 | 208.0                         |
| 75              | 190                  | 243                       | 27924              | 186.5                                   | 197.3                                 | 191.9                         |
| 70              | 178                  | 241                       | 26160              | 172.6                                   | 182.5                                 | 177.6                         |
| 65              | 165                  | 238                       | 24250              | 158.0                                   | 167.0                                 | 162.5                         |
| 60              | 152                  | 235                       | 22339              | 143.8                                   | 152.0                                 | 147.9                         |
| 55              | 140                  | 232                       | 20576              | 131.2                                   | 138.6                                 | 134.9                         |
| 50              | 127                  | 229                       | 18665              | 117.7                                   | 124.4                                 | 121.0                         |
| 45              | 114                  | 225                       | 16754              | 104.5                                   | 110.6                                 | 107.6                         |
| 40              | 102                  | 221                       | 14991              | 92.7                                    | 97.9                                  | 95.3                          |
| 35              | 89                   | 216                       | 13080              | 80.2                                    | 84.6                                  | 82.4                          |
| 30              | 76                   | 210                       | 11170              | 68.1                                    | 71.8                                  | 69.9                          |
| 25              | 63                   | 203                       | 9259               | 56.4                                    | 59.4                                  | 57.9                          |
| 20              | 51                   | 195                       | 7495               | 45.9                                    | 48.3                                  | 47.1                          |
| 15              | 38                   | 184                       | 5585               | 34.9                                    | 36.6                                  | 35.8                          |
| 12              | 31                   | 177                       | 4556               | 29.0                                    | 30.4                                  | 29.7                          |