

## Photometric test report

### Family Floodlight FL21 midi

**Order number: 5XA7782E1D1A**  
**EAN: 4058352853337**

**LP number**  
**59303\_134**

**serial**  
**documentation**  
**22.08.2023**



|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| <b>Version</b>      | mounting bracket                                                                              |
| <b>Optic</b>        | direct, asymmetric wide distribution<br>A520003                                               |
| <b>Cover</b>        | toughened safety glass                                                                        |
| <b>Lamps</b>        | LED 2200 K   CRI ≥ 70                                                                         |
| <b>Controlgear</b>  | ECG SITECO iQ                                                                                 |
| <b>Rated values</b> | Net luminous flux = 22230 lm<br>Power consumption = 208.1 W<br>Luminous efficacy = 106.8 lm/W |

**siteco**

### Luminous intensity in cd/klm

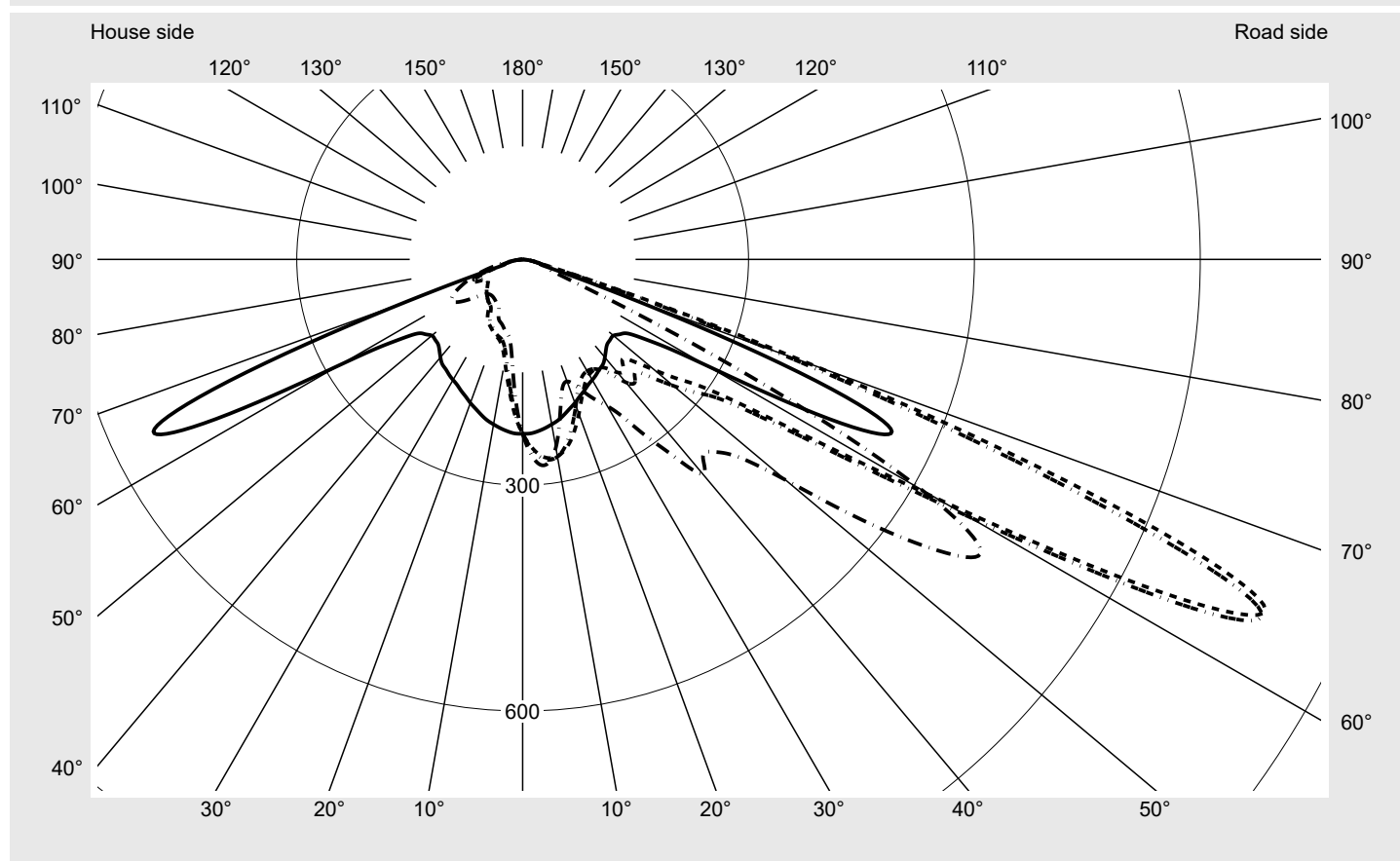
**C180-0**

**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%   |

### Measurement conditions

DIN EN 13032 and DIN 5032

### 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   |

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Family  
Floodlight FL21 midi

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Envelope curve in cd/klm

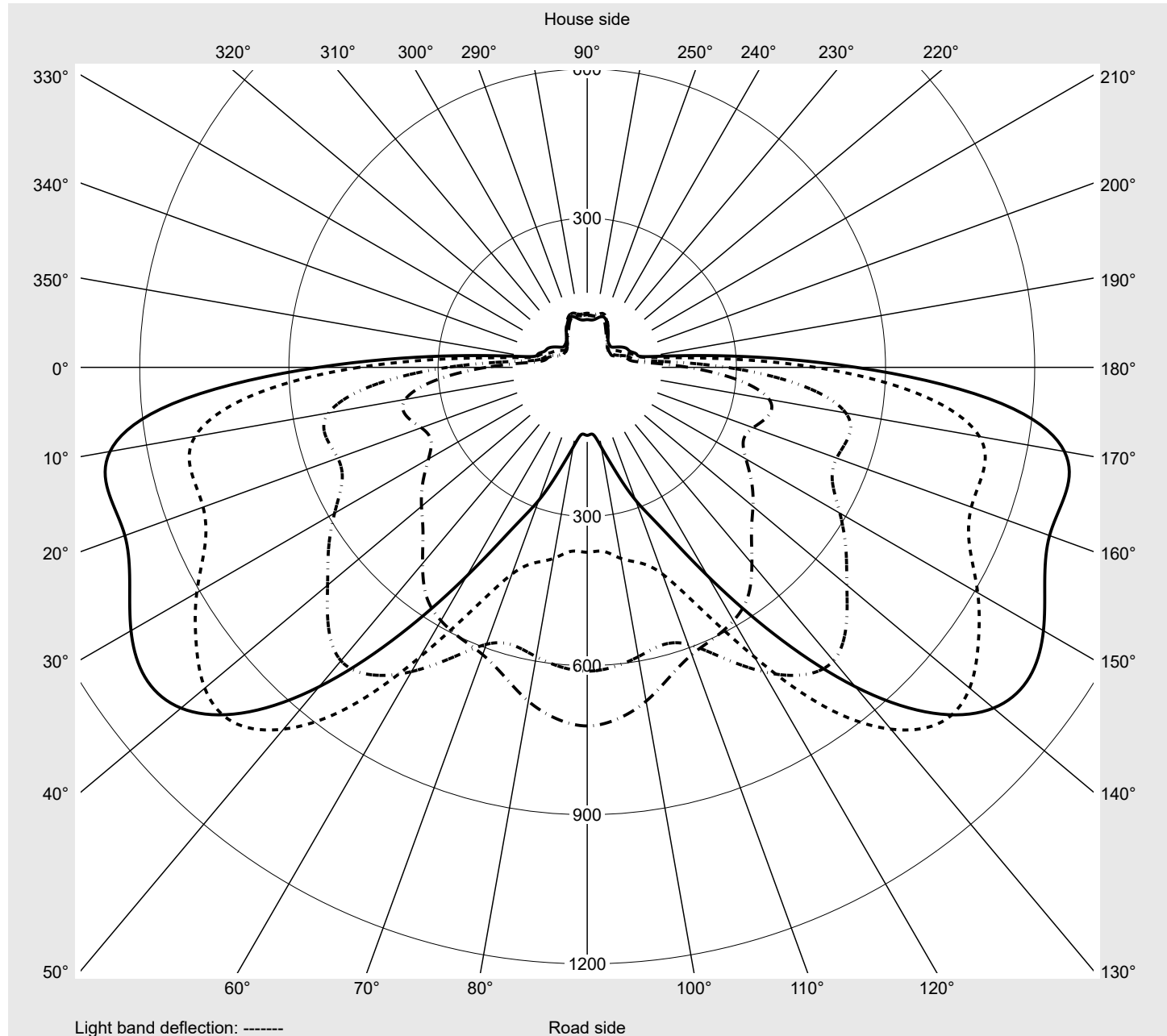
KMK 65°

KMK 62,5°

KMK 60°

KMK 57,5°

siteco



Photometric test report

| Family<br>Floodlight FL21 midi           |                              |            |             | Order number: 5XA7782E1D1A<br>EAN: 4058352853337 |             |             |             |             |             |             |             | LP number<br>59303_134     |             |        |  |
|------------------------------------------|------------------------------|------------|-------------|--------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|-------------|--------|--|
| Table of values for luminous intensities |                              |            |             |                                                  |             |             |             |             |             |             |             | Maximum luminous intensity |             | siteco |  |
| C-<br>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

|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                        |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|------------------------|--------------|
| Family<br>Floodlight FL21 midi           |                              | Order number: 5XA7782E1D1A<br>EAN: 4058352853337 |             |             |            |       |              |              |              |                            |              | LP number<br>59303_134 |              |
| Table of values for luminous intensities |                              |                                                  |             |             |            |       |              |              |              | Maximum luminous intensity |              | siteco                 |              |
| C-<br>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°                                     | 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

| Family<br>Floodlight FL21 midi           |                              |              |              | Order number: 5XA7782E1D1A<br>EAN: 4058352853337 |              |              |              |              |              |              |       | LP number<br>59303_134     |                   |        |
|------------------------------------------|------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|
| Table of values for luminous intensities |                              |              |              |                                                  |              |              |              |              |              |              |       | Maximum luminous intensity |                   | sīteco |
| C-<br>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

|                                |                                                  |                                 |
|--------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Floodlight FL21 midi | Order number: 5XA7782E1D1A<br>EAN: 4058352853337 | LP number<br>59303_134          |
| Dimming levels table           |                                                  | environmental temperature: 25°C |
|                                |                                                  | siteco                          |

| Luminous flux<br>[%] | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]start of lifetime | Power consumption<br>[W]end of lifetime | Power consumption<br>[W]average |
|----------------------|-------------------------|------------------------------|-----------------------|-------------------------------------------|-----------------------------------------|---------------------------------|
| 100                  | 254                     | 254                          | 22230                 | 208.1                                     | 227.1                                   | 217.6                           |
| 95                   | 241                     | 252                          | 21092                 | 193.8                                     | 211.2                                   | 202.5                           |
| 90                   | 229                     | 250                          | 20042                 | 181.2                                     | 197.5                                   | 189.4                           |
| 85                   | 216                     | 248                          | 18904                 | 167.9                                     | 182.9                                   | 175.4                           |
| 80                   | 203                     | 246                          | 17766                 | 155.2                                     | 168.9                                   | 162.0                           |
| 75                   | 190                     | 243                          | 16629                 | 143.1                                     | 155.4                                   | 149.2                           |
| 70                   | 178                     | 241                          | 15579                 | 132.2                                     | 143.6                                   | 137.9                           |
| 65                   | 165                     | 238                          | 14441                 | 120.8                                     | 131.2                                   | 126.0                           |
| 60                   | 152                     | 235                          | 13303                 | 110.0                                     | 119.2                                   | 114.6                           |
| 55                   | 140                     | 232                          | 12253                 | 100.1                                     | 108.6                                   | 104.4                           |
| 50                   | 127                     | 229                          | 11115                 | 89.9                                      | 97.4                                    | 93.6                            |
| 45                   | 114                     | 225                          | 9977                  | 79.9                                      | 86.5                                    | 83.2                            |
| 40                   | 102                     | 221                          | 8927                  | 70.8                                      | 76.8                                    | 73.8                            |
| 35                   | 89                      | 216                          | 7789                  | 61.4                                      | 66.4                                    | 63.9                            |
| 30                   | 76                      | 210                          | 6651                  | 52.2                                      | 56.4                                    | 54.3                            |
| 25                   | 63                      | 203                          | 5514                  | 43.6                                      | 46.9                                    | 45.2                            |
| 20                   | 51                      | 195                          | 4464                  | 35.9                                      | 38.5                                    | 37.2                            |
| 15                   | 38                      | 184                          | 3326                  | 27.6                                      | 29.6                                    | 28.6                            |
| 13                   | 32                      | 178                          | 2801                  | 23.9                                      | 25.5                                    | 24.7                            |