

## Photometric test report

**Family**  
**Floodlight FL21 mini**

**Order number: 5XA7776B4A3A**  
**EAN: 4069025197207**

**LP number**  
**59304\_320**



**Version** Mast bracket  
**Optic** asymmetric distribution PL43  
**Cover** toughened safety glass  
**Lamps** LED 4000 K | CRI ≥ 70  
**Controlgear** EVG-Smart Interface  
**Rated values** Net luminous flux = 6650 lm  
 Power consumption = 45.7 W  
 Luminous efficacy = 145.5 lm/W

**serial**  
**documentation**  
**20.09.2023**

**siteco**

**Luminous intensity in cd/klm**

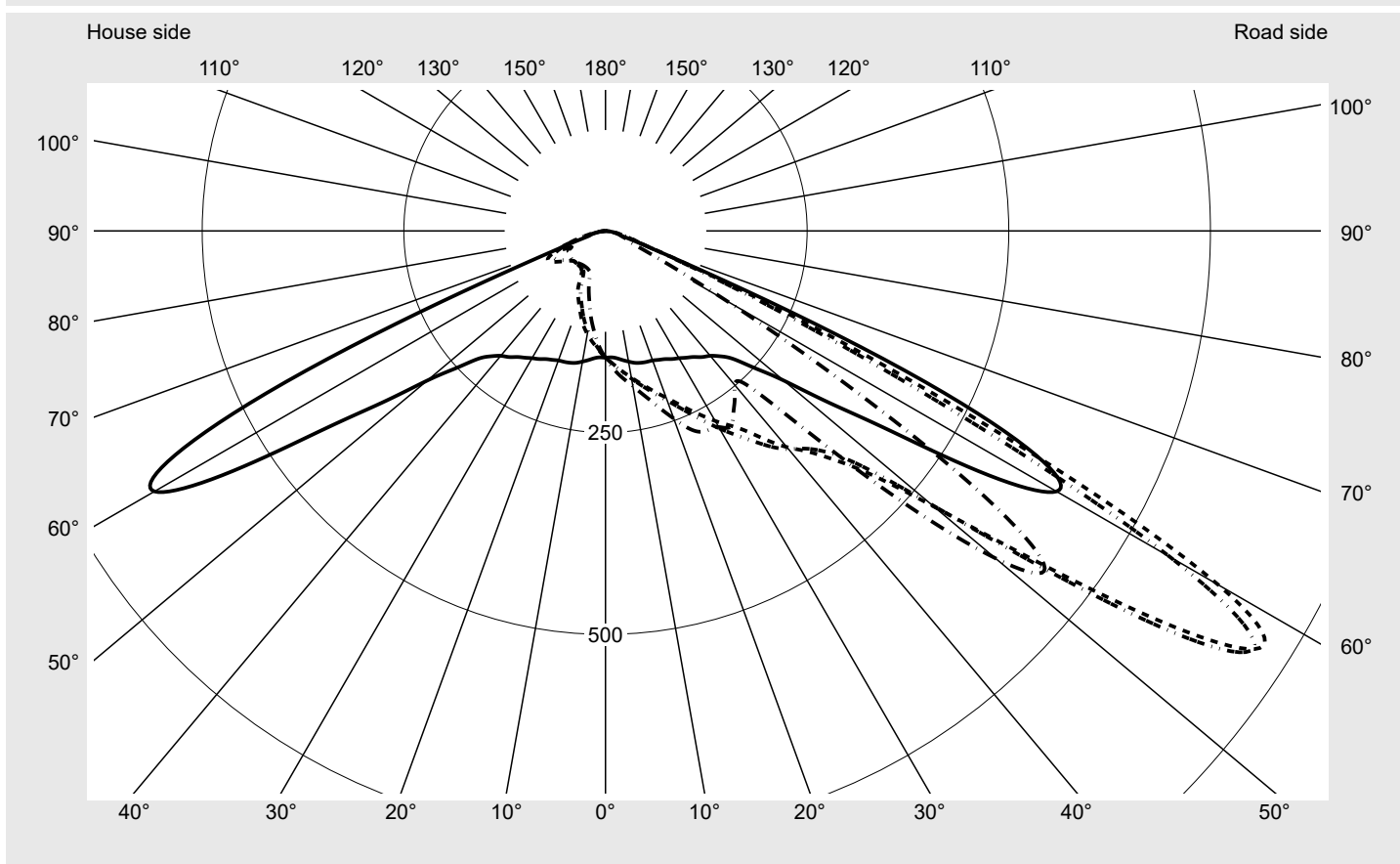
**C180-0**

**C220-40**

**C225-45**

**C270-90**

**Imax: 962 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

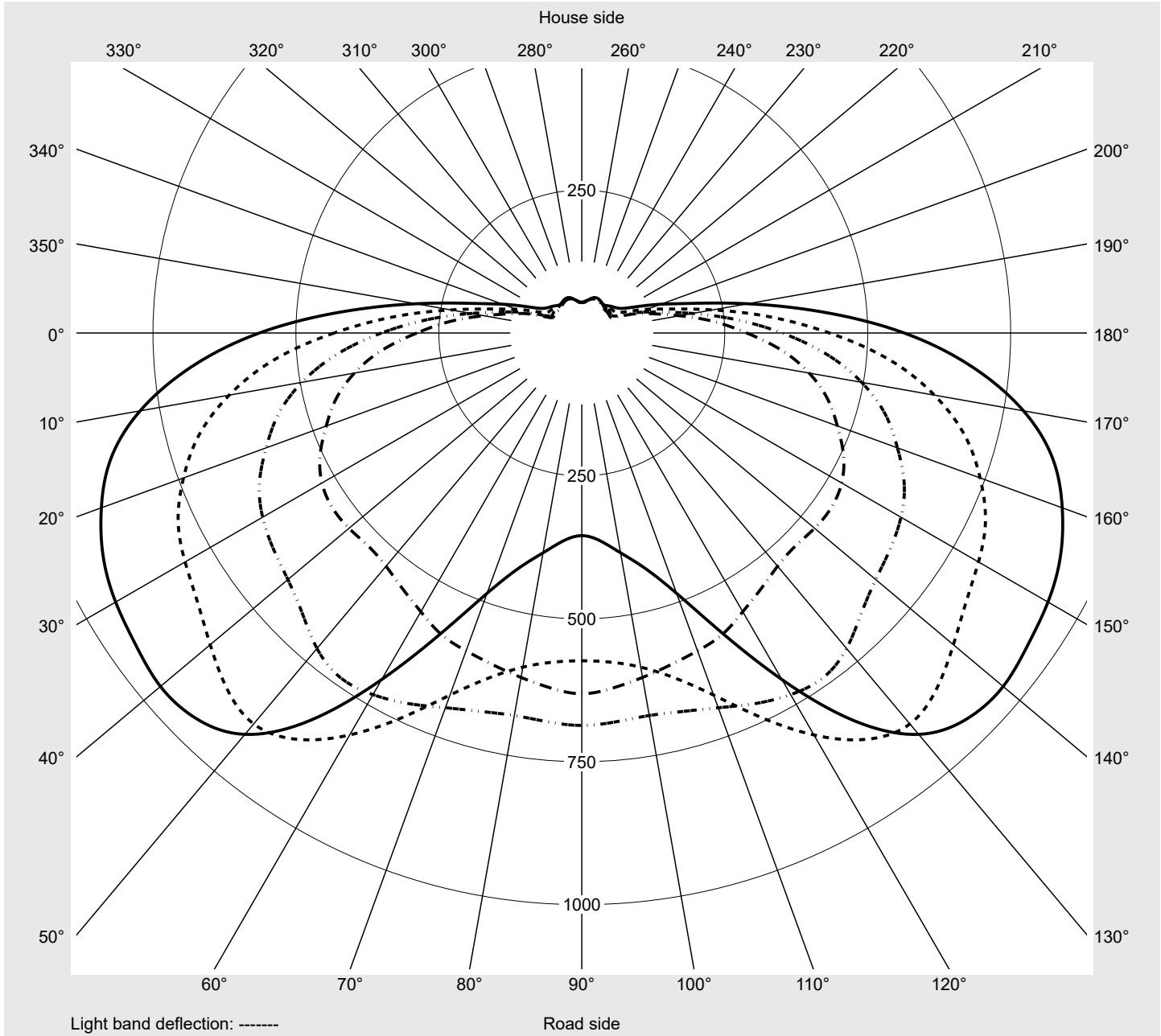
|           |      |
|-----------|------|
| Class:    | G6   |
| Imax 70°  | 58.9 |
| Imax 80°  | 16.9 |
| Imax 90°  | 0.0  |
| Imax >90° | 0.0  |
| Imax >95° | 0.0  |

### Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

|                                                                                                                                  |                                                                     |                                           |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|
| <div>Family</div> <div>Floodlight FL21 mini</div>                                                                                | <div>Order number: 5XA7776B4A3A</div> <div>EAN: 4069025197207</div> | <div>LP number</div> <div>59304_320</div> |
| <div>Envelope curve in cd/klm</div> <div> <div>KMK 57.5°</div> <div>KMK 55°</div> <div>KMK 52.5°</div> <div>KMK 50°</div> </div> |                                                                     | <div>siteco</div>                         |



Photometric test report

|                                          |                              |                                                  |             |             |             |             |             |             |             |                            |             |                        |             |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|-------------|------------------------|-------------|
| Family<br>Floodlight FL21 mini           |                              | Order number: 5XA7776B4A3A<br>EAN: 4069025197207 |             |             |             |             |             |             |             |                            |             | LP number<br>59304_320 |             |
| 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°                                     | 157.1                        | 157.1                                            | 157.1       | 157.1       | 157.1       | 157.1       | 157.1       | 157.1       | 157.1       | 157.1                      | 157.1       | 157.1                  | 157.1       |
| 2,5°                                     | 156.9                        | 157.8                                            | 158.6       | 159.4       | 160.2       | 161.0       | 161.7       | 162.4       | 163.1       | 163.7                      | 164.4       | 165.0                  | 165.6       |
| 5,0°                                     | 158.3                        | 160.3                                            | 161.9       | 163.5       | 165.0       | 166.4       | 167.6       | 168.8       | 170.0       | 171.0                      | 172.1       | 173.0                  | 174.0       |
| 7,5°                                     | 161.4                        | 164.1                                            | 166.5       | 168.8       | 170.8       | 172.7       | 174.4       | 175.8       | 177.2       | 178.4                      | 179.5       | 180.6                  | 181.6       |
| 10,0°                                    | 164.4                        | 168.1                                            | 171.3       | 174.2       | 176.8       | 179.2       | 181.2       | 182.9       | 184.5       | 185.9                      | 187.2       | 188.4                  | 189.4       |
| 12,5°                                    | 167.4                        | 171.9                                            | 175.9       | 179.6       | 182.7       | 185.7       | 188.2       | 190.5       | 192.5       | 194.4                      | 195.9       | 197.4                  | 198.5       |
| 15,0°                                    | 169.2                        | 174.7                                            | 179.7       | 184.2       | 188.1       | 191.7       | 195.0       | 198.2       | 200.9       | 203.5                      | 205.4       | 207.1                  | 208.3       |
| 17,5°                                    | 170.1                        | 176.8                                            | 183.0       | 188.6       | 193.4       | 198.0       | 202.4       | 206.5       | 210.2       | 213.4                      | 215.9       | 217.8                  | 219.1       |
| 20,0°                                    | 170.8                        | 178.9                                            | 186.4       | 193.1       | 198.9       | 204.6       | 210.0       | 215.2       | 219.8       | 223.8                      | 226.6       | 229.0                  | 230.4       |
| 22,5°                                    | 172.9                        | 182.4                                            | 191.1       | 199.1       | 206.0       | 212.8       | 219.3       | 225.5       | 231.1       | 236.1                      | 239.6       | 242.2                  | 243.8       |
| 25,0°                                    | 175.2                        | 186.7                                            | 196.7       | 206.0       | 214.3       | 222.5       | 230.0       | 237.3       | 244.1       | 250.2                      | 255.0       | 258.3                  | 259.3       |
| 27,5°                                    | 179.0                        | 192.2                                            | 203.8       | 214.5       | 224.8       | 234.2       | 242.1       | 249.6       | 257.6       | 265.9                      | 272.7       | 276.2                  | 277.6       |
| 30,0°                                    | 182.1                        | 198.0                                            | 211.4       | 223.9       | 236.8       | 246.8       | 255.3       | 263.0       | 271.9       | 282.7                      | 291.6       | 295.0                  | 295.2       |
| 32,5°                                    | 186.3                        | 204.6                                            | 220.0       | 233.6       | 246.8       | 258.6       | 268.6       | 277.2       | 285.6       | 299.6                      | 313.0       | 316.6                  | 314.8       |
| 35,0°                                    | 190.7                        | 212.2                                            | 229.6       | 244.3       | 257.6       | 270.0       | 281.5       | 292.9       | 302.1       | 317.6                      | 336.0       | 344.0                  | 332.8       |
| 37,5°                                    | 197.0                        | 222.6                                            | 243.9       | 261.0       | 276.5       | 291.4       | 305.0       | 318.1       | 325.8       | 337.0                      | 354.4       | 355.4                  | 337.3       |
| 40,0°                                    | 202.1                        | 234.4                                            | 261.9       | 285.4       | 306.6       | 325.4       | 340.0       | 349.0       | 349.7       | 353.0                      | 352.8       | 344.0                  | 326.3       |
| 42,5°                                    | 210.8                        | 246.5                                            | 277.6       | 303.1       | 326.1       | 347.8       | 364.5       | 372.2       | 370.8       | 365.9                      | 352.1       | 338.3                  | 320.8       |
| 45,0°                                    | 224.6                        | 267.6                                            | 303.3       | 332.4       | 357.2       | 380.8       | 398.8       | 405.5       | 401.1       | 387.6                      | 369.4       | 352.4                  | 336.5       |
| 47,5°                                    | 252.0                        | 299.0                                            | 341.4       | 375.5       | 403.1       | 429.0       | 447.0       | 452.6       | 447.0       | 431.9                      | 416.5       | 405.9                  | 403.2       |
| 50,0°                                    | 288.4                        | 351.5                                            | 403.8       | 444.9       | 475.7       | 505.0       | 524.8       | 532.6       | 531.5       | 527.6                      | 532.6       | 546.3                  | 563.0       |
| 52,5°                                    | 350.2                        | 430.3                                            | 497.0       | 549.5       | 587.4       | 622.1       | 644.5       | 658.5       | 671.1       | 691.9                      | 720.5       | 736.0                  | 730.5       |
| 55,0°                                    | 433.2                        | 540.5                                            | 626.3       | 693.6       | 741.3       | 779.0       | 801.1       | 820.5       | 848.3       | 878.5                      | 892.7       | 867.8                  | 812.0       |
| 57,5°                                    | 563.9                        | 686.2                                            | 784.4       | 853.1       | 894.2       | 923.7       | 941.4       | 952.1       | 962.0       | 953.8                      | 916.6       | 827.1                  | 700.1       |
| 60,0°                                    | 645.7                        | 773.4                                            | 861.0       | 921.1       | 936.8       | 940.1       | 941.0       | 920.1       | 877.5       | 808.2                      | 711.0       | 584.2                  | 450.7       |
| 62,5°                                    | 601.4                        | 706.1                                            | 762.3       | 796.7       | 772.7       | 741.4       | 711.6       | 663.9       | 591.2       | 503.0                      | 409.0       | 323.3                  | 249.9       |
| 65,0°                                    | 409.8                        | 448.6                                            | 471.6       | 480.8       | 450.9       | 418.9       | 389.1       | 352.4       | 303.7       | 251.6                      | 208.1       | 168.8                  | 130.0       |
| 67,5°                                    | 142.0                        | 167.5                                            | 172.5       | 173.5       | 165.4       | 156.1       | 148.4       | 136.4       | 124.0       | 107.2                      | 91.4        | 76.1                   | 61.2        |
| 70,0°                                    | 49.3                         | 49.2                                             | 46.7        | 47.4        | 48.3        | 48.8        | 50.1        | 50.4        | 52.3        | 51.7                       | 51.7        | 53.8                   | 51.3        |
| 72,5°                                    | 24.2                         | 24.8                                             | 24.5        | 24.7        | 25.7        | 27.0        | 28.6        | 31.5        | 34.4        | 37.5                       | 41.5        | 41.6                   | 39.5        |
| 75,0°                                    | 19.2                         | 21.9                                             | 20.2        | 19.9        | 20.5        | 20.8        | 21.6        | 24.6        | 26.1        | 26.6                       | 28.4        | 29.8                   | 29.8        |
| 77,5°                                    | 16.4                         | 17.9                                             | 15.3        | 14.7        | 15.2        | 15.4        | 16.1        | 17.2        | 18.1        | 18.6                       | 19.1        | 20.4                   | 20.9        |
| 80,0°                                    | 12.2                         | 11.0                                             | 10.3        | 9.9         | 10.2        | 10.8        | 10.9        | 11.8        | 12.7        | 13.2                       | 13.0        | 13.2                   | 14.0        |
| 82,5°                                    | 6.4                          | 7.0                                              | 5.8         | 5.8         | 6.1         | 6.6         | 7.3         | 7.3         | 7.7         | 8.7                        | 8.4         | 8.0                    | 8.4         |
| 85,0°                                    | 2.9                          | 3.0                                              | 2.8         | 2.8         | 3.1         | 3.3         | 3.7         | 3.6         | 3.6         | 3.7                        | 3.7         | 3.8                    | 3.8         |
| 87,5°                                    | 1.2                          | 1.2                                              | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.1         | 1.1                        | 1.0         | 0.9                    | 0.9         |
| 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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|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                        |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|------------------------|--------------|
| Family<br>Floodlight FL21 mini           |                              | Order number: 5XA7776B4A3A<br>EAN: 4069025197207 |             |             |            |       |              |              |              |                            |              | LP number<br>59304_320 |              |
| 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°                                     | 157.1                        | 157.1                                            | 157.1       | 157.1       | 157.1      | 157.1 | 157.1        | 157.1        | 157.1        | 157.1                      | 157.1        | 157.1                  | 157.1        |
| 2,5°                                     | 166.1                        | 166.5                                            | 166.9       | 167.3       | 167.4      | 167.6 | 156.1        | 155.1        | 154.2        | 153.4                      | 152.5        | 151.6                  | 150.9        |
| 5,0°                                     | 174.8                        | 175.6                                            | 176.4       | 177.0       | 177.4      | 177.6 | 156.7        | 154.7        | 152.7        | 150.7                      | 148.7        | 146.7                  | 144.8        |
| 7,5°                                     | 182.6                        | 183.6                                            | 184.5       | 185.4       | 186.0      | 186.3 | 158.7        | 155.6        | 152.5        | 149.3                      | 146.1        | 142.9                  | 139.7        |
| 10,0°                                    | 190.4                        | 191.5                                            | 192.7       | 193.9       | 194.8      | 195.2 | 160.7        | 156.7        | 152.4        | 148.0                      | 143.4        | 138.8                  | 134.2        |
| 12,5°                                    | 199.6                        | 200.7                                            | 202.1       | 203.8       | 205.4      | 206.1 | 162.5        | 157.2        | 151.8        | 146.0                      | 140.0        | 134.0                  | 128.1        |
| 15,0°                                    | 209.4                        | 210.5                                            | 212.0       | 214.4       | 216.9      | 218.0 | 163.0        | 156.5        | 149.7        | 142.6                      | 135.2        | 127.9                  | 120.8        |
| 17,5°                                    | 220.0                        | 221.0                                            | 222.6       | 225.8       | 230.0      | 232.3 | 162.6        | 154.7        | 146.5        | 138.1                      | 129.3        | 120.6                  | 112.3        |
| 20,0°                                    | 231.5                        | 232.1                                            | 233.3       | 236.5       | 243.2      | 247.5 | 161.8        | 152.4        | 142.9        | 133.0                      | 122.7        | 113.0                  | 103.9        |
| 22,5°                                    | 244.2                        | 244.1                                            | 244.3       | 246.8       | 256.3      | 263.5 | 162.1        | 151.0        | 139.5        | 127.7                      | 116.3        | 105.8                  | 96.6         |
| 25,0°                                    | 258.9                        | 257.0                                            | 256.0       | 257.5       | 267.6      | 274.6 | 162.8        | 149.5        | 135.7        | 122.5                      | 110.3        | 99.5                   | 90.3         |
| 27,5°                                    | 276.0                        | 272.5                                            | 269.9       | 270.5       | 279.2      | 277.7 | 164.1        | 148.6        | 132.8        | 118.3                      | 105.4        | 94.5                   | 83.9         |
| 30,0°                                    | 292.6                        | 285.9                                            | 280.7       | 280.7       | 287.6      | 280.6 | 164.7        | 147.1        | 130.0        | 114.5                      | 101.4        | 89.8                   | 71.6         |
| 32,5°                                    | 308.3                        | 293.6                                            | 283.9       | 282.7       | 289.4      | 288.0 | 166.1        | 146.2        | 128.0        | 112.0                      | 98.7         | 81.8                   | 61.0         |
| 35,0°                                    | 320.0                        | 299.4                                            | 285.4       | 284.6       | 281.9      | 276.3 | 166.9        | 144.5        | 125.1        | 109.2                      | 94.6         | 69.0                   | 57.3         |
| 37,5°                                    | 318.6                        | 295.6                                            | 280.2       | 274.7       | 266.5      | 263.2 | 168.9        | 143.5        | 122.9        | 106.8                      | 85.1         | 59.9                   | 56.2         |
| 40,0°                                    | 306.3                        | 286.3                                            | 269.5       | 257.9       | 251.2      | 249.2 | 169.3        | 141.4        | 120.1        | 103.5                      | 70.1         | 56.9                   | 55.1         |
| 42,5°                                    | 301.9                        | 283.2                                            | 270.0       | 261.0       | 258.6      | 258.3 | 173.9        | 143.3        | 119.8        | 99.9                       | 64.3         | 56.3                   | 54.4         |
| 45,0°                                    | 325.6                        | 319.6                                            | 322.8       | 329.4       | 337.4      | 341.4 | 185.0        | 148.7        | 120.3        | 97.0                       | 63.3         | 56.8                   | 54.7         |
| 47,5°                                    | 416.5                        | 432.9                                            | 449.9       | 468.0       | 483.3      | 490.4 | 204.3        | 158.9        | 123.6        | 96.2                       | 63.5         | 57.0                   | 55.5         |
| 50,0°                                    | 581.7                        | 591.7                                            | 600.9       | 611.9       | 623.4      | 631.1 | 231.4        | 173.7        | 129.8        | 97.6                       | 64.8         | 57.1                   | 57.2         |
| 52,5°                                    | 715.5                        | 697.6                                            | 685.4       | 679.5       | 682.8      | 686.5 | 270.2        | 196.9        | 141.6        | 105.0                      | 72.5         | 61.0                   | 60.9         |
| 55,0°                                    | 742.0                        | 674.1                                            | 624.4       | 593.6       | 578.0      | 573.5 | 328.4        | 232.3        | 162.1        | 121.0                      | 88.8         | 71.9                   | 67.7         |
| 57,5°                                    | 577.9                        | 484.7                                            | 425.9       | 390.5       | 364.8      | 354.5 | 422.3        | 294.4        | 200.2        | 147.1                      | 110.1        | 86.5                   | 76.1         |
| 60,0°                                    | 351.0                        | 288.2                                            | 242.2       | 207.0       | 181.1      | 173.8 | 495.8        | 349.8        | 239.8        | 173.3                      | 127.8        | 98.5                   | 84.3         |
| 62,5°                                    | 196.1                        | 156.4                                            | 115.6       | 85.6        | 69.7       | 74.4  | 480.8        | 347.5        | 247.8        | 181.6                      | 135.9        | 106.0                  | 90.6         |
| 65,0°                                    | 100.6                        | 78.5                                             | 46.7        | 41.6        | 38.9       | 38.1  | 316.1        | 238.2        | 187.4        | 143.3                      | 115.4        | 97.1                   | 87.3         |
| 67,5°                                    | 55.1                         | 50.6                                             | 41.2        | 38.3        | 34.3       | 32.5  | 105.3        | 78.6         | 92.0         | 81.1                       | 74.4         | 71.1                   | 71.0         |
| 70,0°                                    | 45.1                         | 39.2                                             | 33.6        | 30.6        | 27.3       | 25.3  | 35.1         | 30.6         | 34.0         | 41.3                       | 43.2         | 46.3                   | 51.7         |
| 72,5°                                    | 37.2                         | 32.9                                             | 28.3        | 25.3        | 22.7       | 20.3  | 23.4         | 24.0         | 24.3         | 26.9                       | 28.2         | 31.6                   | 37.1         |
| 75,0°                                    | 29.0                         | 26.7                                             | 22.7        | 19.9        | 19.3       | 17.0  | 20.3         | 17.9         | 18.7         | 20.4                       | 21.0         | 23.9                   | 27.9         |
| 77,5°                                    | 21.1                         | 19.3                                             | 17.1        | 15.6        | 14.5       | 12.9  | 18.2         | 14.4         | 14.4         | 15.5                       | 15.4         | 17.1                   | 19.8         |
| 80,0°                                    | 13.9                         | 12.7                                             | 11.3        | 10.4        | 9.4        | 8.6   | 11.9         | 12.3         | 9.7          | 11.4                       | 11.2         | 12.0                   | 13.1         |
| 82,5°                                    | 8.2                          | 7.6                                              | 7.1         | 6.4         | 5.7        | 5.4   | 6.4          | 10.7         | 6.2          | 7.6                        | 7.3          | 7.3                    | 7.8          |
| 85,0°                                    | 3.7                          | 3.7                                              | 3.5         | 3.0         | 2.6        | 2.5   | 2.9          | 5.9          | 3.4          | 3.5                        | 3.4          | 3.4                    | 3.8          |
| 87,5°                                    | 0.8                          | 0.7                                              | 0.7         | 0.6         | 0.6        | 0.6   | 1.2          | 1.5          | 1.3          | 1.4                        | 1.4          | 1.4                    | 1.5          |
| 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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| Family<br>Floodlight FL21 mini           |                              |              |              | Order number: 5XA7776B4A3A<br>EAN: 4069025197207 |              |              |              |              |              |              |       | LP number<br>59304_320     |                   |        |
|------------------------------------------|------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|
| 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°                                     | 157.1                        | 157.1        | 157.1        | 157.1                                            | 157.1        | 157.1        | 157.1        | 157.1        | 157.1        | 157.1        | 157.1 | 157.1                      | 0.2               | 0.2    |
| 2,5°                                     | 150.1                        | 149.4        | 148.7        | 148.2                                            | 147.7        | 147.3        | 147.0        | 146.7        | 146.4        | 146.3        | 146.4 | 146.4                      | 1.9               | 2.1    |
| 5,0°                                     | 142.9                        | 141.3        | 139.6        | 138.1                                            | 136.8        | 135.8        | 134.9        | 134.1        | 133.6        | 133.2        | 133.2 | 133.2                      | 3.7               | 5.8    |
| 7,5°                                     | 136.6                        | 133.7        | 130.8        | 128.4                                            | 126.1        | 124.2        | 122.5        | 121.2        | 120.3        | 119.7        | 119.6 | 119.6                      | 5.6               | 11.4   |
| 10,0°                                    | 129.7                        | 125.6        | 121.6        | 118.1                                            | 114.9        | 112.3        | 110.1        | 108.3        | 107.0        | 106.2        | 106.0 | 106.0                      | 7.5               | 18.9   |
| 12,5°                                    | 122.3                        | 117.0        | 112.0        | 107.4                                            | 103.3        | 99.8         | 96.8         | 94.6         | 92.9         | 92.0         | 91.7  | 91.7                       | 9.3               | 28.2   |
| 15,0°                                    | 113.9                        | 107.5        | 101.5        | 96.2                                             | 91.8         | 88.0         | 85.0         | 82.6         | 81.0         | 80.0         | 79.7  | 79.7                       | 11.1              | 39.3   |
| 17,5°                                    | 104.5                        | 97.7         | 91.5         | 86.2                                             | 81.6         | 77.5         | 74.0         | 71.2         | 69.2         | 68.1         | 67.8  | 67.8                       | 12.9              | 52.3   |
| 20,0°                                    | 96.0                         | 89.1         | 82.5         | 75.4                                             | 68.6         | 63.5         | 60.1         | 58.0         | 56.8         | 56.2         | 56.0  | 56.0                       | 14.7              | 67.0   |
| 22,5°                                    | 88.6                         | 80.3         | 70.2         | 61.8                                             | 57.5         | 55.7         | 54.6         | 53.8         | 53.3         | 53.0         | 53.0  | 53.0                       | 16.7              | 83.7   |
| 25,0°                                    | 81.1                         | 69.0         | 59.9         | 56.2                                             | 54.9         | 54.0         | 53.2         | 52.5         | 52.1         | 51.8         | 51.8  | 51.8                       | 18.8              | 102.5  |
| 27,5°                                    | 68.9                         | 58.8         | 55.8         | 54.7                                             | 53.9         | 53.2         | 52.6         | 52.0         | 51.5         | 51.2         | 51.2  | 51.2                       | 21.2              | 123.7  |
| 30,0°                                    | 58.7                         | 55.9         | 54.8         | 54.2                                             | 53.6         | 52.9         | 52.3         | 51.7         | 51.2         | 50.9         | 50.8  | 50.8                       | 23.6              | 147.3  |
| 32,5°                                    | 56.2                         | 55.0         | 54.4         | 54.0                                             | 53.4         | 52.9         | 52.3         | 51.7         | 51.2         | 50.8         | 50.8  | 50.8                       | 26.1              | 173.4  |
| 35,0°                                    | 55.4                         | 54.5         | 54.1         | 53.9                                             | 53.5         | 53.2         | 52.8         | 52.2         | 51.5         | 51.1         | 51.0  | 51.0                       | 28.6              | 202.0  |
| 37,5°                                    | 55.0                         | 54.2         | 54.0         | 54.1                                             | 54.1         | 54.0         | 53.6         | 52.9         | 52.2         | 51.6         | 51.5  | 51.5                       | 31.0              | 233.0  |
| 40,0°                                    | 54.3                         | 53.9         | 54.1         | 54.7                                             | 55.0         | 55.1         | 54.9         | 54.2         | 53.4         | 52.4         | 52.2  | 52.2                       | 33.3              | 266.3  |
| 42,5°                                    | 53.7                         | 53.9         | 54.5         | 55.5                                             | 56.3         | 56.8         | 56.8         | 56.0         | 54.7         | 53.4         | 52.9  | 52.9                       | 36.0              | 302.3  |
| 45,0°                                    | 53.7                         | 54.1         | 55.5         | 56.9                                             | 58.2         | 59.0         | 59.0         | 57.8         | 56.2         | 54.4         | 53.7  | 53.7                       | 41.1              | 343.4  |
| 47,5°                                    | 54.7                         | 54.8         | 56.7         | 58.3                                             | 59.9         | 61.1         | 61.2         | 59.5         | 57.4         | 55.1         | 54.2  | 54.2                       | 50.3              | 393.8  |
| 50,0°                                    | 57.5                         | 57.0         | 58.4         | 59.7                                             | 61.8         | 63.4         | 63.3         | 61.0         | 58.0         | 55.4         | 54.4  | 54.4                       | 64.1              | 457.9  |
| 52,5°                                    | 61.5                         | 60.0         | 60.1         | 61.2                                             | 63.5         | 65.0         | 64.7         | 61.9         | 58.2         | 55.1         | 54.1  | 54.1                       | 80.0              | 537.8  |
| 55,0°                                    | 66.0                         | 63.3         | 61.4         | 62.1                                             | 64.4         | 66.0         | 65.5         | 62.2         | 58.3         | 54.6         | 53.7  | 53.7                       | 93.3              | 631.1  |
| 57,5°                                    | 71.2                         | 67.1         | 63.3         | 63.0                                             | 65.1         | 66.5         | 65.8         | 62.2         | 57.8         | 53.9         | 53.2  | 53.2                       | 98.8              | 729.9  |
| 60,0°                                    | 76.7                         | 70.2         | 65.0         | 63.6                                             | 65.1         | 66.2         | 64.8         | 60.9         | 56.1         | 52.1         | 52.0  | 52.0                       | 92.1              | 822.0  |
| 62,5°                                    | 80.1                         | 71.9         | 65.9         | 63.1                                             | 63.6         | 63.8         | 61.8         | 58.0         | 54.1         | 50.5         | 51.4  | 51.4                       | 72.6              | 894.5  |
| 65,0°                                    | 77.8                         | 70.7         | 64.4         | 60.4                                             | 59.6         | 59.5         | 57.3         | 54.0         | 51.0         | 47.3         | 47.6  | 47.6                       | 45.7              | 940.2  |
| 67,5°                                    | 68.6                         | 64.3         | 59.3         | 55.5                                             | 54.0         | 53.4         | 51.3         | 48.0         | 43.7         | 45.1         | 64.2  | 64.2                       | 21.9              | 962.1  |
| 70,0°                                    | 54.2                         | 53.8         | 50.6         | 47.9                                             | 46.9         | 45.9         | 43.9         | 40.6         | 36.7         | 36.5         | 58.9  | 58.9                       | 11.5              | 973.6  |
| 72,5°                                    | 41.2                         | 42.2         | 41.3         | 39.8                                             | 38.7         | 37.9         | 36.1         | 32.7         | 29.4         | 28.7         | 34.9  | 34.9                       | 8.3               | 981.9  |
| 75,0°                                    | 31.2                         | 32.5         | 32.8         | 32.1                                             | 31.5         | 30.8         | 29.0         | 25.2         | 23.1         | 22.3         | 23.2  | 23.2                       | 6.5               | 988.4  |
| 77,5°                                    | 22.1                         | 24.0         | 24.4         | 24.1                                             | 24.0         | 24.0         | 22.2         | 18.4         | 16.4         | 15.3         | 15.3  | 15.3                       | 4.9               | 993.3  |
| 80,0°                                    | 14.9                         | 16.0         | 16.3         | 16.1                                             | 16.3         | 16.9         | 15.3         | 12.2         | 10.7         | 9.5          | 9.3   | 9.3                        | 3.3               | 996.6  |
| 82,5°                                    | 8.9                          | 9.6          | 9.8          | 9.6                                              | 9.6          | 9.5          | 8.5          | 7.3          | 6.4          | 5.6          | 5.2   | 5.2                        | 2.1               | 998.7  |
| 85,0°                                    | 4.3                          | 4.6          | 4.6          | 4.6                                              | 4.6          | 4.3          | 3.8          | 3.5          | 3.1          | 2.7          | 2.6   | 2.6                        | 1.0               | 999.7  |
| 87,5°                                    | 1.5                          | 1.6          | 1.6          | 1.6                                              | 1.6          | 1.5          | 1.4          | 1.3          | 1.2          | 1.1          | 1.0   | 1.0                        | 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                        | 0.0               | 1000.0 |

Photometric test report

|                                |                                                  |                                 |
|--------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Floodlight FL21 mini | Order number: 5XA7776B4A3A<br>EAN: 4069025197207 | LP number<br>59304_320          |
| Dimming levels table           |                                                  | environmental temperature: 25°C |

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| Luminous flux<br>% | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|-----------------------------------------------|---------------------------------------------|-------------------------------------|
| 100                | 254                     | 254                          | 6650                  | 45.7                                          | 48.2                                        | 47.0                                |
| 95                 | 239                     | 252                          | 6307                  | 43.1                                          | 45.3                                        | 44.2                                |
| 90                 | 225                     | 250                          | 5982                  | 40.7                                          | 42.8                                        | 41.8                                |
| 85                 | 211                     | 247                          | 5654                  | 38.2                                          | 40.2                                        | 39.2                                |
| 80                 | 197                     | 245                          | 5320                  | 35.8                                          | 37.7                                        | 36.8                                |
| 75                 | 183                     | 242                          | 4981                  | 33.4                                          | 35.0                                        | 34.2                                |
| 70                 | 170                     | 239                          | 4660                  | 31.1                                          | 32.8                                        | 32.0                                |
| 65                 | 156                     | 236                          | 4310                  | 28.8                                          | 30.2                                        | 29.5                                |
| 60                 | 143                     | 233                          | 3980                  | 26.5                                          | 27.9                                        | 27.2                                |
| 55                 | 131                     | 230                          | 3670                  | 24.4                                          | 25.6                                        | 25.0                                |
| 50                 | 118                     | 226                          | 3332                  | 22.3                                          | 23.4                                        | 22.8                                |
| 45                 | 105                     | 222                          | 2988                  | 20.0                                          | 21.1                                        | 20.6                                |
| 40                 | 93                      | 217                          | 2666                  | 18.1                                          | 18.9                                        | 18.5                                |
| 35                 | 80                      | 212                          | 2314                  | 15.9                                          | 16.6                                        | 16.2                                |
| 30                 | 68                      | 206                          | 1984                  | 13.9                                          | 14.5                                        | 14.2                                |
| 25                 | 56                      | 199                          | 1650                  | 12.0                                          | 12.5                                        | 12.2                                |
| 24                 | 55                      | 198                          | 1622                  | 11.9                                          | 12.3                                        | 12.1                                |