

## Lichttechnischer Prüfbefund

### Familie Floodlight FL21 midi

**Bestell-Nr.: 5XA7786F2A1A**  
**EAN: 4058352841419**

**LP-Nummer**  
**59304\_60**

**Seriendokumentation**  
**06.07.2022**



|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| <b>Ausführung</b>      | Tragbügel                                                                            |
| <b>Optik</b>           | asymmetrisch strahlend PL43                                                          |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)                                                     |
| <b>Bestückung</b>      | LED 3000 K   CRI ≥ 70                                                                |
| <b>Betriebsgerät</b>   | EVG-Smart Interface                                                                  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 36680 lm<br>Systemleistung = 271.6 W<br>Lichtausbeute = 135.1 lm/W |

**siteco**

### Lichtstärke in cd/klm

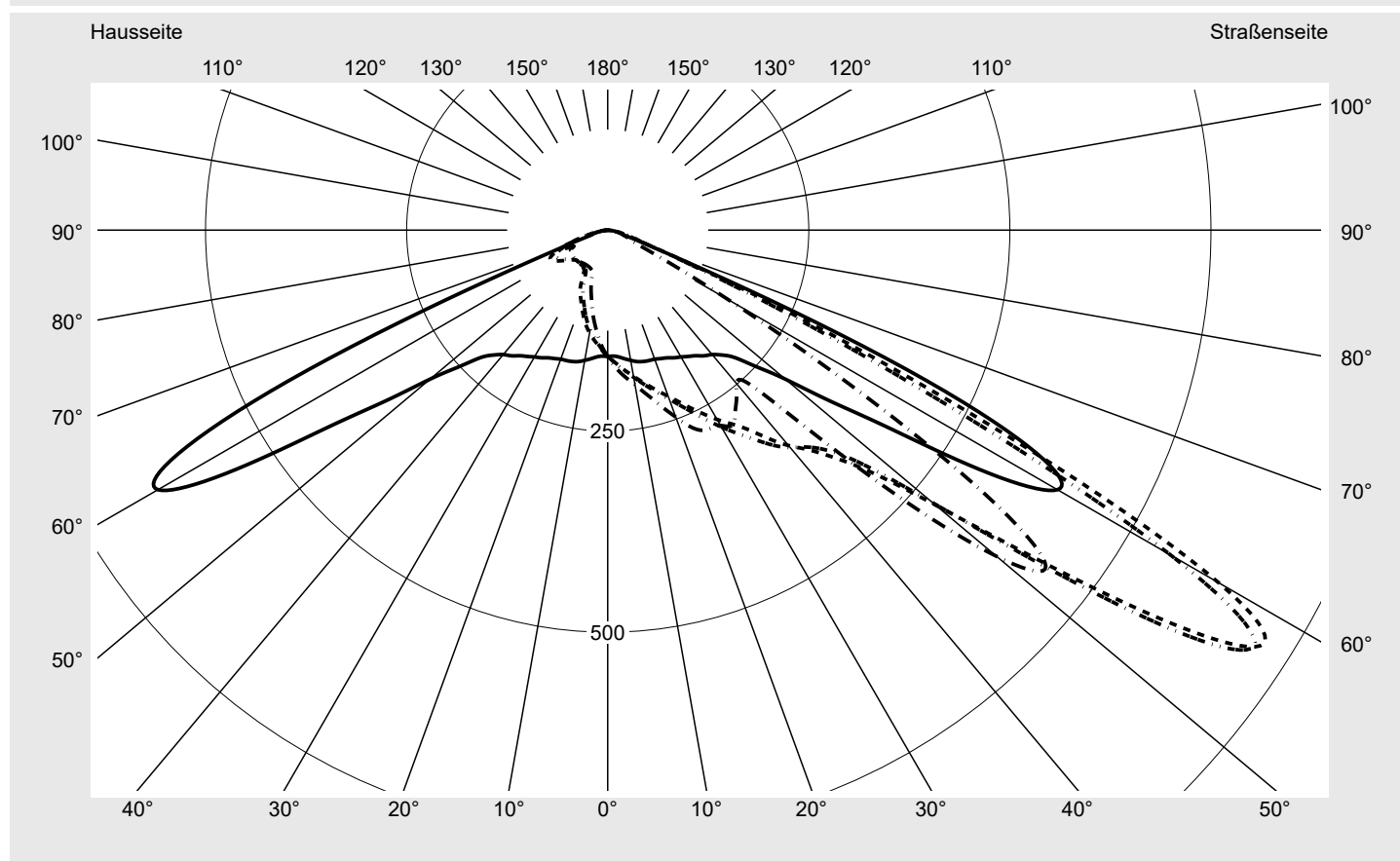
**C180-0**

**C220-40**

**C225-45**

**C270-90**

**Imax: 962 cd/klm**



### Leuchtenbetriebswirkungsgrade

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

### Lichtstärkeklasse nach EN13201-2

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

### Messbedingungen

DIN EN 13032 und DIN 5032

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Familie  
Floodlight FL21 midi

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Kegelmantelkurven in cd/klm

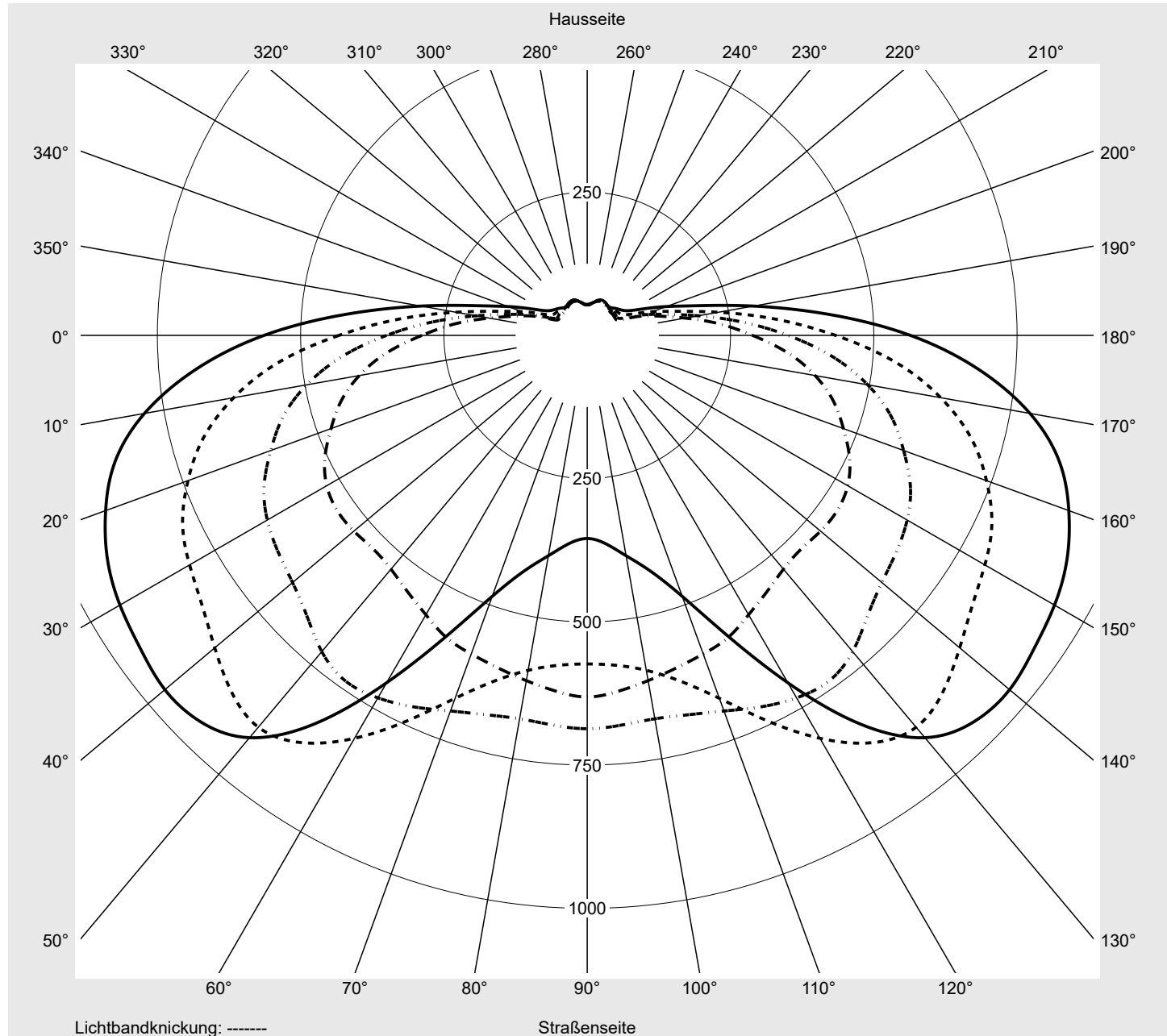
KMK 57,5°

KMK 55°

KMK 52,5°

KMK 50°

siteco



Lichttechnischer Prüfbefund

|                                 |                       |            |             |                                                 |             |             |             |             |             |             |             |                       |             |        |
|---------------------------------|-----------------------|------------|-------------|-------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|--------|
| Familie<br>Floodlight FL21 midi |                       |            |             | Bestell-Nr.: 5XA7786F2A1A<br>EAN: 4058352841419 |             |             |             |             |             |             |             | LP-Nummer<br>59304_60 |             |        |
| Wertetabelle Lichtstärkemessung |                       |            |             |                                                 |             |             |             |             |             |             |             | Maximale Lichtstärke  |             | siteco |
| C-<br>Ebenen                    | 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                               | Lichtstärke 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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|                                 |                       |             |             |                                                 |            |       |              |              |              |              |              |                       |              |        |
|---------------------------------|-----------------------|-------------|-------------|-------------------------------------------------|------------|-------|--------------|--------------|--------------|--------------|--------------|-----------------------|--------------|--------|
| Familie<br>Floodlight FL21 midi |                       |             |             | Bestell-Nr.: 5XA7786F2A1A<br>EAN: 4058352841419 |            |       |              |              |              |              |              | LP-Nummer<br>59304_60 |              |        |
| Wertetabelle Lichtstärkemessung |                       |             |             |                                                 |            |       |              |              |              |              |              | Maximale Lichtstärke  |              | siteco |
| C-<br>Ebenen                    | 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                               | Lichtstärke 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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| Familie<br>Floodlight FL21 midi |                       |              |              | Bestell-Nr.: 5XA7786F2A1A<br>EAN: 4058352841419 |              |              |              |              |              |              |       | LP-Nummer<br>59304_60 |                   |
|---------------------------------|-----------------------|--------------|--------------|-------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-----------------------|-------------------|
| Wertetabelle Lichtstärkemessung |                       |              |              |                                                 |              |              |              |              |              |              |       | siteco                |                   |
| C-<br>Ebenen                    | 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              | Summe<br>Phi-Zone |
| γ                               | Lichtstärke in cd/klm |              |              |                                                 |              |              |              |              |              |              |       | Lichtstrom 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 | 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 | 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 | 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 | 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 | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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  | 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   | 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   | 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   | 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   | 0.3                   | 1000.0            |
| 90,0°                           | 0.0                   | 0.0          | 0.0          | 0.0                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                   | 1000.0            |

Lichttechnischer Prüfbefund

|                                 |                                                 |                           |
|---------------------------------|-------------------------------------------------|---------------------------|
| Familie<br>Floodlight FL21 midi | Bestell-Nr.: 5XA7786F2A1A<br>EAN: 4058352841419 | LP-Nummer<br>59304_60     |
| Dimmstufen-Tabelle              |                                                 | Umgebungstemperatur: 25°C |
|                                 |                                                 | sITeco                    |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 36680           | 271.6                                | 287.2                              | 279.4                           |
| 95             | 238              | 252                     | 34844           | 254.4                                | 268.8                              | 261.6                           |
| 90             | 222              | 249                     | 32967           | 237.2                                | 250.6                              | 243.9                           |
| 85             | 207              | 247                     | 31124           | 221.3                                | 233.9                              | 227.6                           |
| 80             | 193              | 244                     | 29372           | 206.6                                | 218.7                              | 212.6                           |
| 75             | 178              | 241                     | 27455           | 190.7                                | 201.1                              | 195.9                           |
| 70             | 165              | 238                     | 25702           | 177.2                                | 187.0                              | 182.1                           |
| 65             | 151              | 235                     | 23808           | 162.5                                | 171.2                              | 166.8                           |
| 60             | 138              | 232                     | 21998           | 148.9                                | 157.0                              | 153.0                           |
| 55             | 125              | 228                     | 20150           | 135.7                                | 142.8                              | 139.2                           |
| 50             | 113              | 224                     | 18403           | 123.4                                | 129.9                              | 126.6                           |
| 45             | 101              | 220                     | 16571           | 110.8                                | 116.9                              | 113.8                           |
| 40             | 88               | 215                     | 14616           | 97.5                                 | 102.5                              | 100.0                           |
| 35             | 76               | 210                     | 12761           | 85.2                                 | 89.6                               | 87.4                            |
| 30             | 65               | 204                     | 11030           | 74.1                                 | 77.9                               | 76.0                            |
| 25             | 53               | 197                     | 9113            | 62.3                                 | 65.2                               | 63.8                            |
| 20             | 42               | 188                     | 7321            | 51.4                                 | 53.7                               | 52.6                            |
| 15             | 31               | 177                     | 5485            | 40.5                                 | 42.2                               | 41.4                            |
| 13             | 27               | 172                     | 4818            | 36.5                                 | 38.1                               | 37.3                            |