

## Photometric test report

Family  
Floodlight FL21 midi

Order number: 5XA7786E2A3A  
EAN: 4058352855645

LP number  
59304\_43



|              |   |
|--------------|---|
| Version      | Mast bracket  |
| Optic        | asymmetric distribution PL43  |
| Cover        | toughened safety glass  |
| Lamps        | LED 3000 K   CRI ≥ 70   |
| Controlgear  | EVG-Smart Interface   |
| Rated values | Net luminous flux = 27640 lm<br>Power consumption = 212.4 W<br>Luminous efficacy = 130.1 lm/W |

serial  
documentation  
06.07.2022

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Luminous intensity in cd/klm

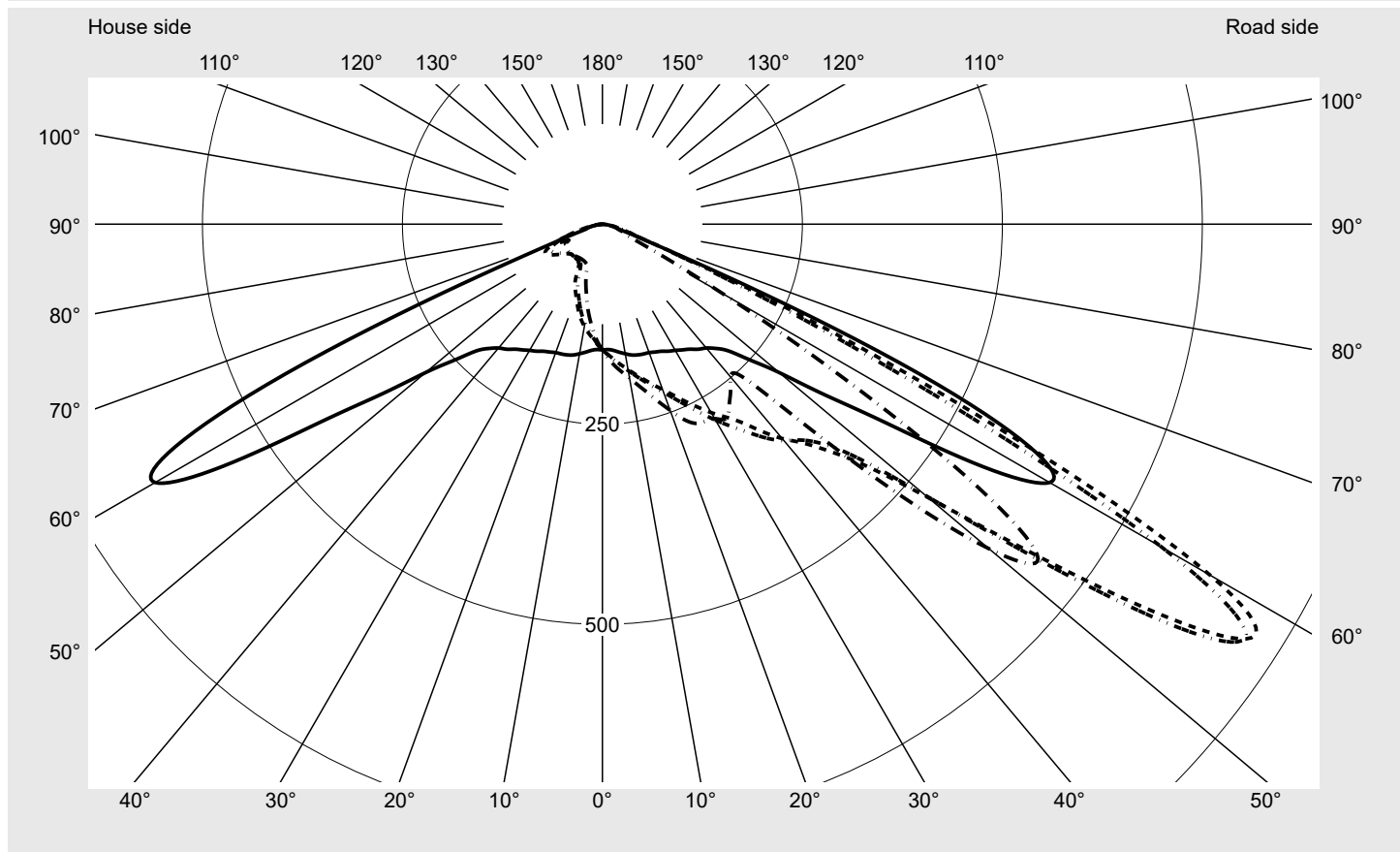
C180-0

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  |

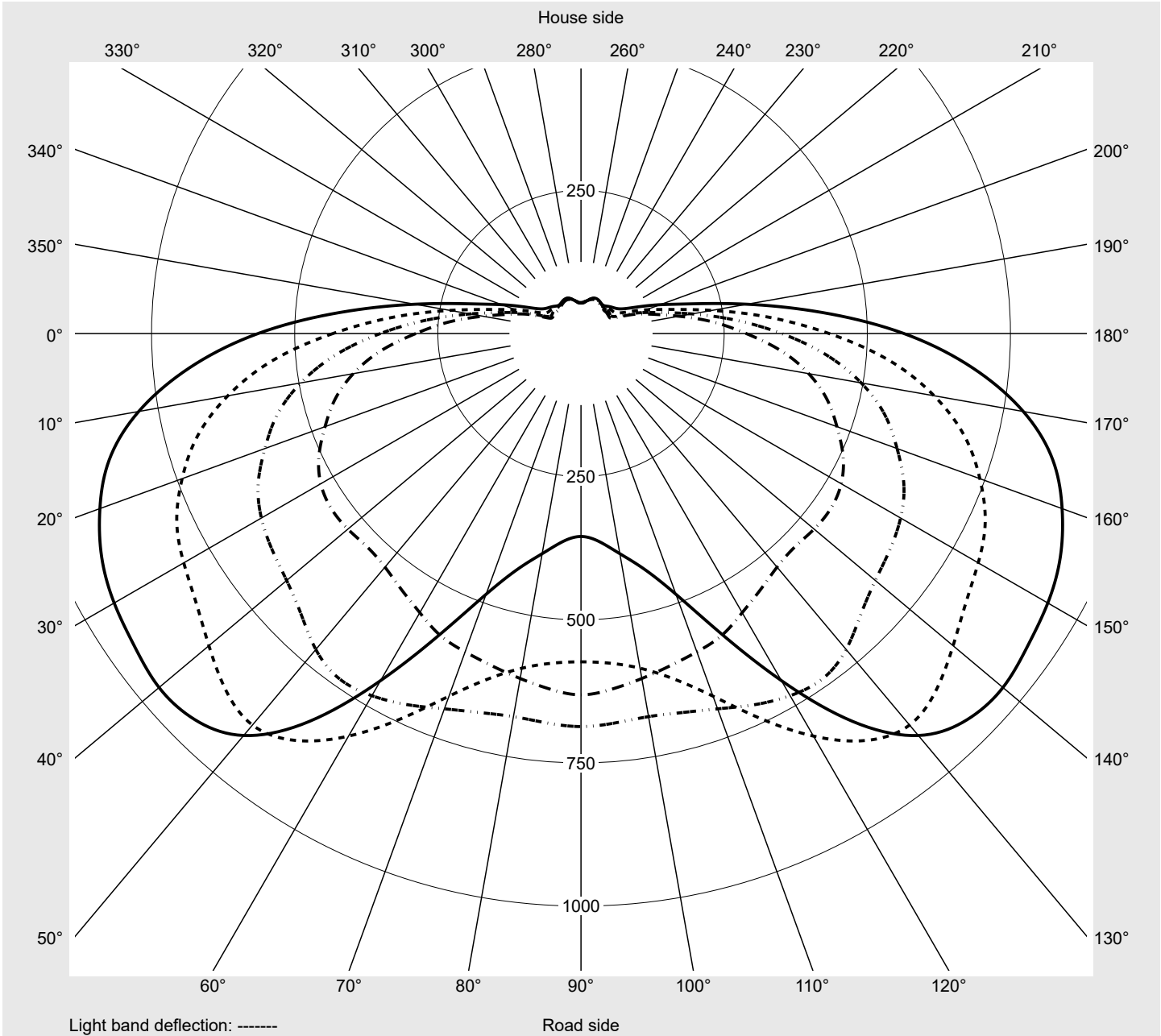
#### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

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

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



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|---|--|-----------------------------------|
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| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  |                                   |

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| C-planes | 0°<br>180°                   | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 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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| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  |                                   |

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| C-planes | 65°<br>115°                  | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ        | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 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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| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>sITeCO</b>                     |

| C-planes | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-zone                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |       | Luminous flux in lm/klm |                   |
| 0,0°     | 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            |

## Photometric test report

|                                       |  |                              |
|---------------------------------------|--|------------------------------|
| <b>Family</b><br>Floodlight FL21 midi | <b>Order number: 5XA7786E2A3A</b><br><b>EAN: 4058352855645</b> | <b>LP number</b><br>59304_43 |
|---------------------------------------|--|------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 25°C | <b>siteco</b> |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 27640              | 212.4                                   | 230.9                                 | 221.6                         |
| 95              | 238                  | 252                       | 26282              | 198.7                                   | 215.9                                 | 207.3                         |
| 90              | 222                  | 249                       | 24867              | 185.1                                   | 201.1                                 | 193.1                         |
| 85              | 207                  | 247                       | 23496              | 172.6                                   | 187.3                                 | 180.0                         |
| 80              | 192                  | 244                       | 22073              | 160.1                                   | 173.6                                 | 166.8                         |
| 75              | 178                  | 241                       | 20715              | 148.5                                   | 161.0                                 | 154.8                         |
| 70              | 164                  | 238                       | 19322              | 137.0                                   | 148.4                                 | 142.7                         |
| 65              | 151                  | 235                       | 17996              | 126.4                                   | 136.8                                 | 131.6                         |
| 60              | 138                  | 232                       | 16612              | 115.8                                   | 125.3                                 | 120.6                         |
| 55              | 125                  | 228                       | 15225              | 105.4                                   | 113.9                                 | 109.6                         |
| 50              | 112                  | 224                       | 13799              | 94.9                                    | 102.5                                 | 98.7                          |
| 45              | 100                  | 220                       | 12459              | 85.4                                    | 92.1                                  | 88.8                          |
| 40              | 88                   | 215                       | 11092              | 75.8                                    | 81.7                                  | 78.8                          |
| 35              | 76                   | 210                       | 9659               | 66.4                                    | 71.5                                  | 69.0                          |
| 30              | 64                   | 204                       | 8239               | 57.0                                    | 61.2                                  | 59.1                          |
| 25              | 53                   | 197                       | 6901               | 48.4                                    | 51.8                                  | 50.1                          |
| 20              | 42                   | 188                       | 5544               | 39.9                                    | 42.6                                  | 41.2                          |
| 15              | 31                   | 177                       | 4157               | 31.5                                    | 33.5                                  | 32.5                          |
| 14              | 28                   | 173                       | 3770               | 29.2                                    | 31.0                                  | 30.1                          |