

## Photometric test report

Family  
Floodlight 20 midi LED

Order number: 5XA7682E1D1AC  
EAN: 4058352223178

LP number  
58577\_11



Version mounting bracket  
Optic asymmetric distribution PL52  
Cover toughened safety glass  
Lamps 1 x LED 3000K / CRI ≥ 80  
(unbekannt LED 3000K / CRI = 80)  
Controlgear ECG-DALI  
Rated values Net luminous flux = 21030 lm  
Power consumption = 207.8 W  
Luminous efficacy = 101.2 lm/W

serial  
documentation  
25.08.2021

siteco

Luminous intensity in cd/klm

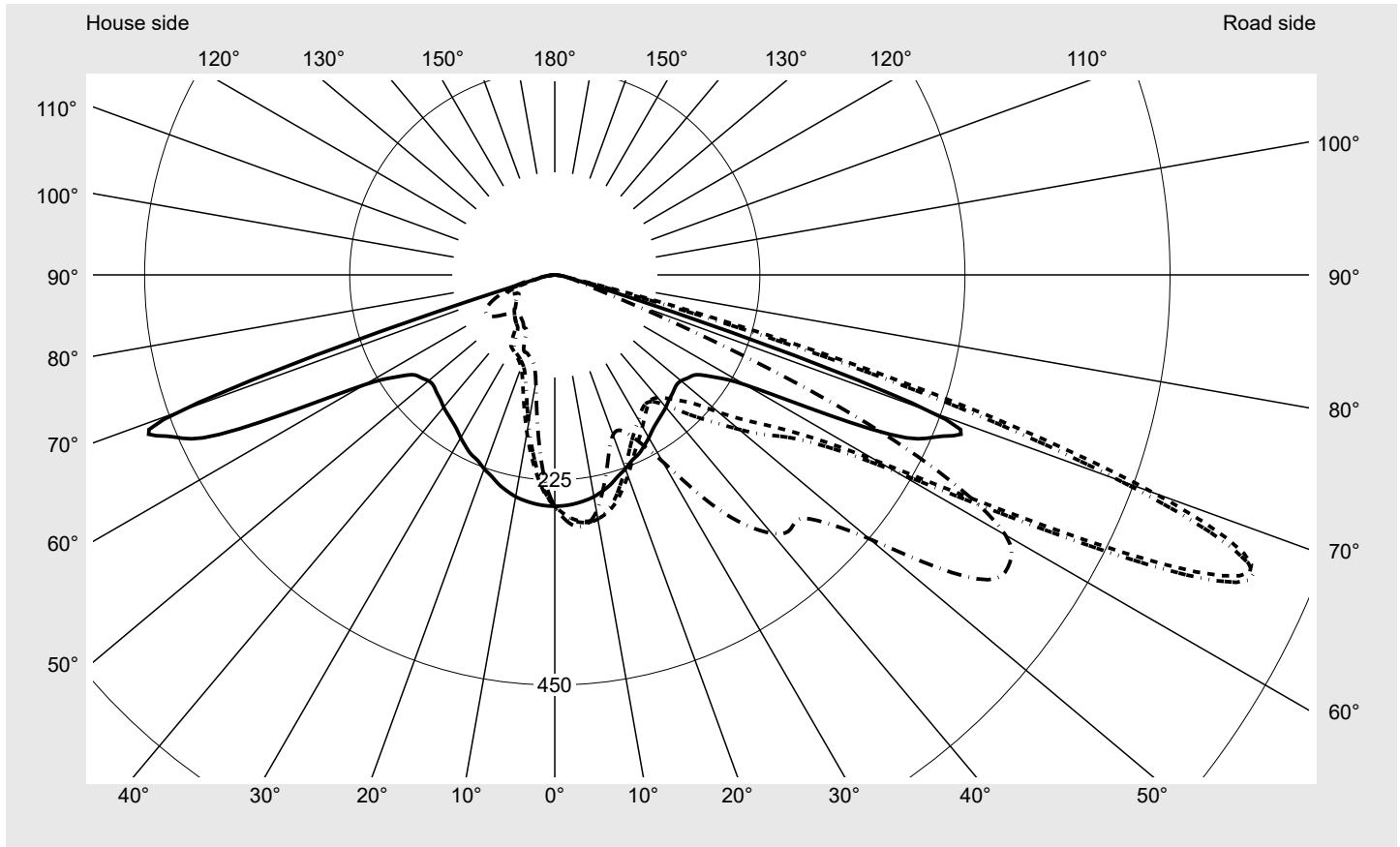
C180-0

C215-35

C220-40

C270-90

Imax: 827 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:    | G3    |
| Imax 70°  | 767.0 |
| Imax 80°  | 23.0  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

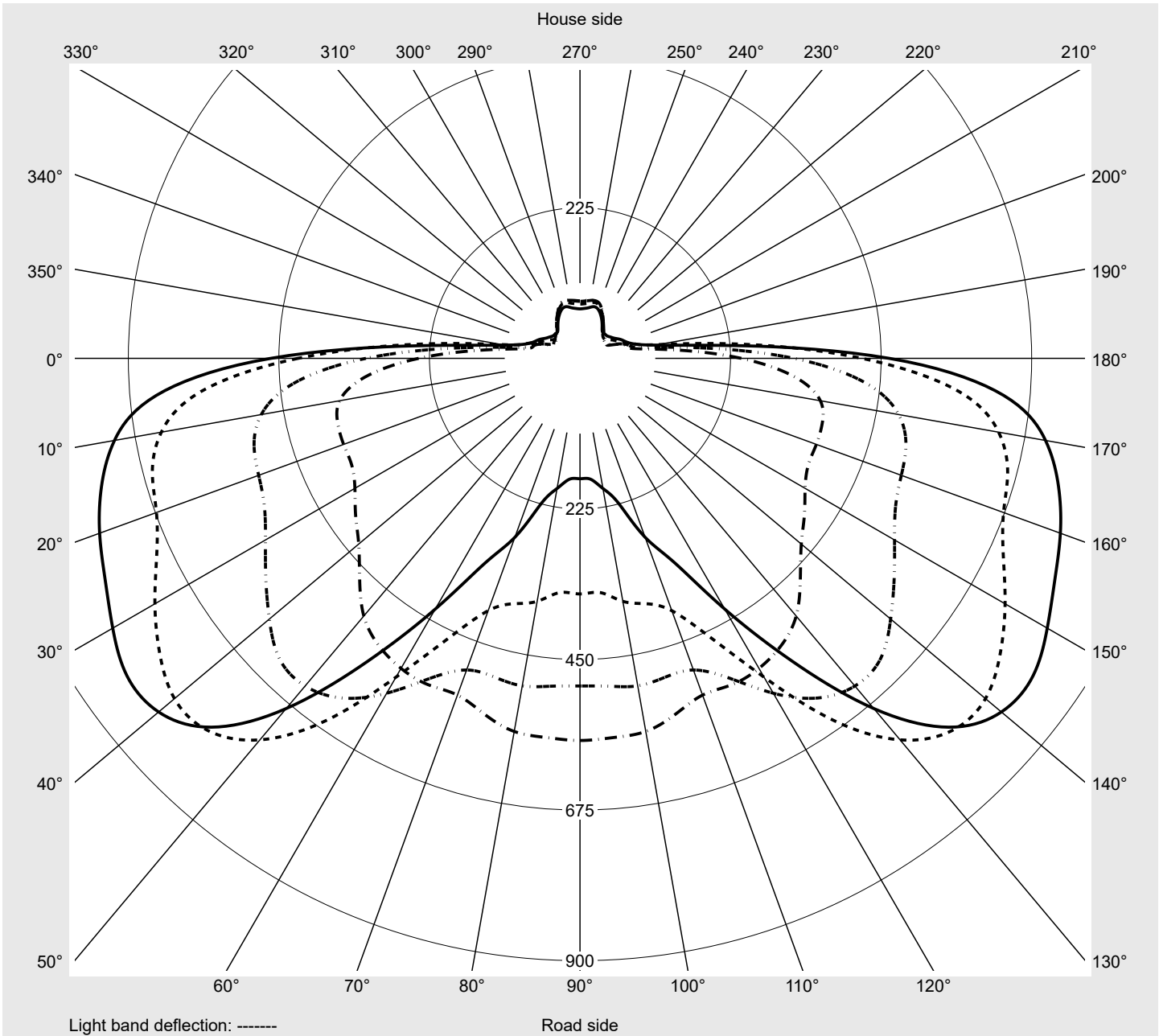
#### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

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

**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



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|   |   |                                   |
|---|---|-----------------------------------|
| <b>Family</b><br>Floodlight 20 midi LED         | <b>Order number: 5XA7682E1D1AC</b><br><b>EAN: 4058352223178</b> | <b>LP number</b><br>58577_11      |
| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b> |
|   |   | <b>siteco</b>                     |

| 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°     | 253.8                        | 253.8      | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       | 253.8       |
| 2,5°     | 253.4                        | 254.9      | 256.4       | 258.0       | 259.5       | 261.1       | 262.4       | 263.4       | 264.5       | 265.4       | 266.3       | 266.9       | 267.4       |
| 5,0°     | 252.0                        | 255.2      | 258.3       | 261.1       | 263.7       | 266.3       | 268.4       | 270.1       | 271.6       | 272.8       | 273.7       | 274.6       | 275.2       |
| 7,5°     | 249.9                        | 254.7      | 259.0       | 262.7       | 265.9       | 268.8       | 271.0       | 272.7       | 273.9       | 274.6       | 275.1       | 275.5       | 275.5       |
| 10,0°    | 247.1                        | 253.2      | 258.3       | 262.6       | 266.1       | 268.7       | 270.7       | 271.8       | 272.0       | 271.6       | 270.6       | 269.4       | 267.8       |
| 12,5°    | 242.8                        | 250.3      | 256.3       | 260.8       | 264.0       | 266.2       | 267.2       | 266.9       | 265.2       | 262.4       | 259.1       | 255.6       | 252.1       |
| 15,0°    | 237.8                        | 246.4      | 253.0       | 257.5       | 260.3       | 261.5       | 261.0       | 258.6       | 254.4       | 249.3       | 243.9       | 238.7       | 233.5       |
| 17,5°    | 231.4                        | 241.9      | 248.9       | 253.2       | 255.1       | 254.7       | 251.9       | 246.8       | 240.3       | 233.3       | 226.3       | 219.9       | 214.0       |
| 20,0°    | 226.5                        | 237.3      | 244.7       | 248.7       | 249.4       | 247.0       | 241.7       | 234.4       | 226.2       | 217.9       | 210.2       | 203.6       | 198.3       |
| 22,5°    | 220.6                        | 233.3      | 240.9       | 244.1       | 243.3       | 238.5       | 230.9       | 221.6       | 211.9       | 203.1       | 195.7       | 190.4       | 186.7       |
| 25,0°    | 217.2                        | 230.8      | 238.8       | 241.4       | 238.8       | 231.5       | 221.3       | 210.4       | 200.2       | 191.7       | 186.1       | 183.2       | 182.9       |
| 27,5°    | 211.9                        | 228.0      | 237.0       | 239.2       | 235.0       | 225.4       | 213.2       | 201.1       | 191.1       | 184.3       | 181.2       | 182.4       | 186.4       |
| 30,0°    | 206.3                        | 222.9      | 232.5       | 234.4       | 229.0       | 218.0       | 204.9       | 192.3       | 183.6       | 179.2       | 180.9       | 187.1       | 195.9       |
| 32,5°    | 200.5                        | 218.7      | 228.7       | 229.0       | 221.2       | 208.7       | 195.3       | 183.8       | 176.9       | 177.0       | 184.1       | 197.2       | 213.7       |
| 35,0°    | 196.2                        | 216.1      | 227.0       | 225.9       | 216.5       | 202.5       | 188.2       | 177.1       | 173.1       | 178.5       | 193.9       | 217.2       | 243.3       |
| 37,5°    | 192.8                        | 214.5      | 225.3       | 223.2       | 212.3       | 197.3       | 182.7       | 173.2       | 175.3       | 188.7       | 214.0       | 245.7       | 277.7       |
| 40,0°    | 189.6                        | 213.1      | 223.4       | 221.9       | 210.0       | 194.2       | 180.3       | 175.9       | 185.7       | 207.5       | 240.4       | 277.4       | 310.3       |
| 42,5°    | 185.7                        | 211.7      | 222.8       | 221.5       | 208.9       | 192.7       | 181.7       | 184.0       | 201.8       | 231.7       | 270.0       | 304.6       | 334.6       |
| 45,0°    | 183.0                        | 210.3      | 223.6       | 222.1       | 209.1       | 193.9       | 187.2       | 195.2       | 220.8       | 254.0       | 286.5       | 314.9       | 338.2       |
| 47,5°    | 180.3                        | 212.5      | 227.7       | 225.4       | 212.0       | 199.0       | 194.8       | 210.1       | 240.6       | 271.7       | 299.3       | 321.7       | 340.0       |
| 50,0°    | 180.9                        | 217.4      | 236.4       | 236.0       | 222.7       | 210.3       | 212.6       | 234.2       | 263.6       | 291.2       | 311.5       | 327.9       | 344.0       |
| 52,5°    | 185.1                        | 227.1      | 248.8       | 248.6       | 237.5       | 229.9       | 238.2       | 261.0       | 287.4       | 309.3       | 325.3       | 338.1       | 360.6       |
| 55,0°    | 191.0                        | 242.1      | 268.8       | 270.6       | 261.4       | 258.5       | 268.5       | 289.3       | 310.3       | 327.0       | 343.8       | 368.9       | 407.8       |
| 57,5°    | 209.2                        | 271.8      | 303.8       | 307.5       | 302.1       | 301.4       | 312.0       | 330.2       | 348.5       | 367.0       | 400.1       | 440.6       | 473.6       |
| 60,0°    | 241.1                        | 322.9      | 364.8       | 374.8       | 375.9       | 376.5       | 388.5       | 409.3       | 431.7       | 465.7       | 502.6       | 524.1       | 534.9       |
| 62,5°    | 320.0                        | 429.7      | 483.6       | 504.3       | 511.0       | 520.5       | 542.8       | 573.2       | 606.0       | 635.1       | 639.1       | 619.6       | 577.8       |
| 65,0°    | 421.5                        | 568.6      | 635.3       | 661.7       | 673.6       | 698.0       | 733.6       | 767.0       | 791.1       | 786.5       | 744.2       | 660.3       | 550.1       |
| 67,5°    | 462.2                        | 635.6      | 706.4       | 740.4       | 764.0       | 783.0       | 806.3       | 826.7       | 822.1       | 779.5       | 683.1       | 552.0       | 432.7       |
| 70,0°    | 439.4                        | 623.7      | 722.7       | 767.0       | 750.7       | 724.1       | 713.8       | 699.9       | 659.8       | 581.1       | 469.0       | 370.0       | 297.7       |
| 72,5°    | 145.9                        | 232.6      | 294.5       | 375.4       | 459.3       | 476.0       | 466.3       | 444.0       | 388.2       | 309.7       | 247.5       | 213.0       | 182.8       |
| 75,0°    | 37.2                         | 40.5       | 45.0        | 53.0        | 97.4        | 158.1       | 175.4       | 167.3       | 114.0       | 78.9        | 104.0       | 105.0       | 101.6       |
| 77,5°    | 20.7                         | 22.2       | 22.7        | 23.3        | 27.5        | 36.2        | 40.8        | 28.4        | 24.8        | 24.4        | 34.4        | 39.0        | 40.2        |
| 80,0°    | 12.0                         | 11.3       | 11.0        | 11.2        | 12.5        | 15.0        | 15.0        | 13.6        | 13.3        | 14.0        | 15.0        | 15.3        | 17.0        |
| 82,5°    | 6.5                          | 6.1        | 6.1         | 6.4         | 6.7         | 7.4         | 8.2         | 7.9         | 8.1         | 8.3         | 8.4         | 8.3         | 9.7         |
| 85,0°    | 2.9                          | 2.6        | 2.6         | 2.7         | 2.9         | 3.3         | 3.5         | 3.6         | 3.7         | 3.7         | 3.7         | 3.5         | 3.4         |
| 87,5°    | 1.1                          | 1.0        | 1.0         | 0.9         | 0.9         | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         |
| 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         |
| 100,0°   | 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         |
| 110,0°   | 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         |
| 120,0°   | 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         |
| 130,0°   | 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         |
| 140,0°   | 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         |
| 150,0°   | 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         |
| 160,0°   | 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         |
| 170,0°   | 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         |
| 180,0°   | 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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|   |   |                                     |
|---|---|-------------------------------------|
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| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b>   |

**siteco**

| C-planes | 65°<br>115°                  | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 253.8                        | 253.8       | 253.8       | 253.8       | 253.8      | 253.8 | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        |
| 2,5°     | 267.8                        | 268.1       | 268.4       | 268.7       | 269.0      | 269.1 | 251.7        | 249.8        | 248.0        | 246.2        | 244.3        | 242.6        | 240.9        |
| 5,0°     | 275.6                        | 275.9       | 276.3       | 276.7       | 277.0      | 277.2 | 248.2        | 244.0        | 239.6        | 235.0        | 230.4        | 225.8        | 221.2        |
| 7,5°     | 275.3                        | 275.0       | 274.9       | 275.0       | 275.2      | 275.3 | 244.1        | 237.5        | 230.3        | 222.6        | 214.9        | 207.0        | 199.0        |
| 10,0°    | 266.2                        | 264.6       | 263.6       | 263.3       | 263.3      | 263.4 | 239.2        | 230.0        | 219.9        | 209.1        | 197.8        | 186.7        | 175.8        |
| 12,5°    | 248.8                        | 245.9       | 244.1       | 243.2       | 242.9      | 242.8 | 233.0        | 221.3        | 208.1        | 194.3        | 180.0        | 166.3        | 153.4        |
| 15,0°    | 229.0                        | 225.2       | 222.6       | 221.2       | 220.6      | 220.5 | 225.8        | 211.4        | 195.4        | 178.7        | 162.2        | 147.1        | 133.8        |
| 17,5°    | 208.9                        | 204.9       | 202.1       | 200.5       | 199.8      | 199.6 | 218.1        | 201.1        | 182.2        | 163.2        | 145.3        | 130.0        | 118.1        |
| 20,0°    | 194.2                        | 190.6       | 188.5       | 187.4       | 186.9      | 186.9 | 210.5        | 191.0        | 169.3        | 148.6        | 130.5        | 116.8        | 108.2        |
| 22,5°    | 184.6                        | 183.4       | 183.1       | 183.6       | 184.2      | 184.5 | 203.2        | 181.1        | 157.2        | 135.5        | 118.4        | 107.6        | 102.4        |
| 25,0°    | 183.9                        | 185.6       | 187.8       | 190.6       | 192.6      | 193.2 | 196.4        | 171.4        | 145.9        | 124.0        | 108.9        | 101.9        | 98.7         |
| 27,5°    | 191.2                        | 195.9       | 201.2       | 207.0       | 210.4      | 211.0 | 189.8        | 162.2        | 135.0        | 114.2        | 102.5        | 98.0         | 95.9         |
| 30,0°    | 205.1                        | 213.5       | 222.6       | 232.7       | 237.7      | 236.4 | 180.8        | 151.5        | 124.3        | 105.4        | 97.8         | 94.9         | 93.3         |
| 32,5°    | 230.0                        | 245.0       | 259.2       | 272.2       | 276.6      | 274.1 | 173.5        | 141.9        | 114.7        | 99.0         | 94.1         | 92.1         | 89.3         |
| 35,0°    | 266.1                        | 285.6       | 303.5       | 314.0       | 314.9      | 314.8 | 166.4        | 132.6        | 105.7        | 94.0         | 90.6         | 87.5         | 77.7         |
| 37,5°    | 302.9                        | 322.5       | 336.8       | 344.3       | 344.8      | 346.7 | 159.8        | 124.3        | 99.1         | 90.5         | 86.2         | 78.6         | 69.8         |
| 40,0°    | 334.1                        | 349.7       | 360.6       | 366.5       | 368.0      | 370.1 | 152.8        | 115.7        | 93.0         | 86.9         | 78.0         | 69.3         | 66.7         |
| 42,5°    | 355.7                        | 366.5       | 373.9       | 378.8       | 379.7      | 380.7 | 146.0        | 108.2        | 88.4         | 83.7         | 69.4         | 64.4         | 64.2         |
| 45,0°    | 355.2                        | 361.7       | 368.1       | 374.9       | 377.3      | 378.9 | 139.2        | 100.1        | 84.1         | 80.3         | 63.5         | 61.4         | 61.9         |
| 47,5°    | 355.8                        | 364.3       | 376.0       | 391.6       | 399.1      | 402.5 | 134.3        | 94.7         | 80.7         | 77.3         | 60.3         | 58.8         | 59.5         |
| 50,0°    | 364.3                        | 384.7       | 407.6       | 433.1       | 445.9      | 450.5 | 128.9        | 89.3         | 77.4         | 74.2         | 56.6         | 56.3         | 56.6         |
| 52,5°    | 395.5                        | 433.8       | 469.8       | 502.4       | 520.5      | 526.0 | 127.0        | 85.5         | 75.0         | 71.2         | 53.7         | 53.7         | 53.9         |
| 55,0°    | 451.6                        | 493.4       | 531.1       | 562.3       | 577.5      | 583.0 | 126.6        | 82.7         | 72.8         | 68.1         | 50.9         | 50.9         | 51.5         |
| 57,5°    | 505.1                        | 534.7       | 563.2       | 583.5       | 589.7      | 591.1 | 130.5        | 81.8         | 71.5         | 64.9         | 48.4         | 48.1         | 48.7         |
| 60,0°    | 537.9                        | 535.5       | 550.7       | 566.1       | 568.8      | 571.0 | 143.7        | 83.2         | 71.6         | 61.8         | 46.4         | 45.4         | 46.3         |
| 62,5°    | 527.1                        | 495.6       | 493.1       | 496.9       | 491.8      | 489.6 | 180.3        | 94.3         | 75.5         | 63.3         | 49.3         | 45.8         | 44.7         |
| 65,0°    | 459.5                        | 401.3       | 379.6       | 368.7       | 351.4      | 352.1 | 243.0        | 118.3        | 84.1         | 70.3         | 61.3         | 55.1         | 48.7         |
| 67,5°    | 338.8                        | 284.5       | 225.0       | 197.5       | 181.3      | 179.9 | 221.0        | 113.9        | 83.3         | 72.8         | 66.8         | 59.9         | 55.6         |
| 70,0°    | 242.2                        | 200.8       | 99.2        | 72.0        | 66.9       | 70.0  | 138.6        | 70.9         | 68.1         | 65.0         | 60.1         | 57.1         | 54.6         |
| 72,5°    | 153.6                        | 125.3       | 46.7        | 33.4        | 33.1       | 33.4  | 51.7         | 32.6         | 30.8         | 31.9         | 33.7         | 38.5         | 41.9         |
| 75,0°    | 88.5                         | 70.5        | 31.8        | 25.1        | 24.4       | 24.4  | 24.5         | 22.0         | 22.0         | 21.9         | 22.6         | 24.1         | 25.8         |
| 77,5°    | 35.9                         | 33.1        | 21.4        | 17.3        | 16.4       | 16.6  | 16.0         | 15.4         | 16.0         | 16.0         | 16.6         | 17.6         | 18.8         |
| 80,0°    | 18.9                         | 16.9        | 12.5        | 11.1        | 10.6       | 10.6  | 11.8         | 10.4         | 10.4         | 10.7         | 11.3         | 11.9         | 12.5         |
| 82,5°    | 11.3                         | 9.5         | 6.6         | 5.8         | 5.4        | 5.4   | 6.5          | 5.9          | 6.2          | 6.6          | 7.1          | 7.3          | 7.5          |
| 85,0°    | 3.2                          | 2.9         | 2.4         | 2.2         | 2.1        | 2.0   | 2.7          | 2.7          | 3.0          | 3.3          | 3.4          | 3.6          | 3.6          |
| 87,5°    | 0.8                          | 0.8         | 0.8         | 0.8         | 0.9        | 0.9   | 1.1          | 1.2          | 1.2          | 1.2          | 1.3          | 1.3          | 1.3          |
| 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          |
| 100,0°   | 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          |
| 110,0°   | 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          |
| 120,0°   | 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          |
| 130,0°   | 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          |
| 140,0°   | 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          |
| 150,0°   | 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          |
| 160,0°   | 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          |
| 170,0°   | 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          |
| 180,0°   | 0.0                          | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |

## Photometric test report

|   |   |                                   |
|---|---|-----------------------------------|
| <b>Family</b><br>Floodlight 20 midi LED         | <b>Order number: 5XA7682E1D1AC</b><br><b>EAN: 4058352223178</b> | <b>LP number</b><br>58577_11      |
| <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°     | 253.8                        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8        | 253.8 | 0.4                     | 0.4               |
| 2,5°     | 239.2                        | 237.4        | 235.7        | 234.3        | 233.0        | 231.9        | 230.8        | 229.9        | 229.2        | 228.9        | 228.8 | 3.0                     | 3.4               |
| 5,0°     | 216.6                        | 212.2        | 208.0        | 204.2        | 200.8        | 198.0        | 195.3        | 193.3        | 191.8        | 191.1        | 190.8 | 5.8                     | 9.2               |
| 7,5°     | 191.3                        | 184.0        | 177.3        | 171.3        | 166.0        | 161.5        | 157.7        | 154.8        | 152.7        | 151.6        | 151.2 | 8.2                     | 17.4              |
| 10,0°    | 165.6                        | 156.3        | 148.0        | 140.8        | 134.8        | 129.9        | 126.0        | 123.1        | 121.2        | 120.1        | 119.8 | 10.3                    | 27.7              |
| 12,5°    | 141.7                        | 131.9        | 123.8        | 117.4        | 112.5        | 109.1        | 106.7        | 105.1        | 104.1        | 103.5        | 103.2 | 12.0                    | 39.7              |
| 15,0°    | 123.0                        | 114.7        | 109.2        | 105.6        | 103.1        | 101.2        | 99.7         | 98.5         | 97.8         | 97.3         | 97.2  | 13.5                    | 53.2              |
| 17,5°    | 110.2                        | 105.7        | 102.7        | 100.5        | 98.6         | 97.1         | 95.7         | 94.7         | 94.1         | 93.6         | 93.4  | 14.7                    | 67.9              |
| 20,0°    | 103.7                        | 101.0        | 99.1         | 97.4         | 95.9         | 94.4         | 93.1         | 92.2         | 91.5         | 91.1         | 90.8  | 15.9                    | 83.8              |
| 22,5°    | 99.7                         | 97.8         | 96.4         | 95.1         | 93.8         | 92.5         | 91.1         | 89.6         | 89.2         | 89.1         | 89.1  | 17.1                    | 100.9             |
| 25,0°    | 96.8                         | 95.4         | 94.0         | 93.1         | 91.4         | 85.6         | 79.7         | 77.9         | 77.3         | 76.9         | 76.6  | 18.2                    | 119.1             |
| 27,5°    | 94.3                         | 91.9         | 89.6         | 84.7         | 75.7         | 71.6         | 70.1         | 69.0         | 68.2         | 67.7         | 67.4  | 19.5                    | 138.6             |
| 30,0°    | 88.9                         | 83.4         | 79.2         | 72.9         | 71.1         | 70.3         | 69.5         | 68.7         | 67.9         | 67.3         | 67.0  | 21.0                    | 159.6             |
| 32,5°    | 78.1                         | 73.8         | 71.5         | 70.7         | 70.3         | 69.5         | 68.1         | 66.7         | 65.4         | 64.4         | 64.0  | 22.9                    | 182.5             |
| 35,0°    | 70.8                         | 70.1         | 69.9         | 69.6         | 68.3         | 66.7         | 65.1         | 63.9         | 62.8         | 62.1         | 61.7  | 25.1                    | 207.6             |
| 37,5°    | 68.6                         | 68.4         | 68.2         | 66.9         | 65.5         | 64.6         | 63.7         | 62.7         | 61.7         | 60.7         | 60.2  | 27.5                    | 235.1             |
| 40,0°    | 66.6                         | 66.6         | 65.6         | 64.6         | 64.0         | 63.2         | 62.6         | 61.9         | 60.8         | 59.7         | 59.0  | 30.0                    | 265.1             |
| 42,5°    | 64.7                         | 64.2         | 63.9         | 63.6         | 63.2         | 62.6         | 62.3         | 62.0         | 61.2         | 59.9         | 59.0  | 32.3                    | 297.4             |
| 45,0°    | 62.3                         | 62.5         | 62.8         | 62.7         | 63.0         | 63.3         | 63.4         | 63.0         | 62.3         | 61.0         | 59.9  | 34.0                    | 331.4             |
| 47,5°    | 60.2                         | 61.2         | 61.9         | 62.5         | 63.8         | 64.1         | 64.6         | 64.7         | 64.3         | 63.1         | 62.2  | 36.2                    | 367.6             |
| 50,0°    | 57.7                         | 59.3         | 61.1         | 62.1         | 64.0         | 65.2         | 66.6         | 67.6         | 67.6         | 66.6         | 66.0  | 39.4                    | 407.0             |
| 52,5°    | 55.2                         | 57.1         | 59.3         | 61.1         | 63.9         | 67.1         | 70.6         | 73.2         | 73.6         | 72.9         | 72.2  | 44.1                    | 451.1             |
| 55,0°    | 52.8                         | 54.9         | 57.6         | 60.6         | 64.8         | 70.4         | 76.4         | 80.6         | 80.3         | 79.6         | 79.1  | 49.5                    | 500.6             |
| 57,5°    | 50.5                         | 52.7         | 56.2         | 60.6         | 66.5         | 74.0         | 82.1         | 86.7         | 86.3         | 85.6         | 84.1  | 55.7                    | 556.3             |
| 60,0°    | 48.1                         | 50.9         | 55.3         | 61.1         | 68.7         | 77.7         | 86.5         | 89.1         | 88.1         | 86.8         | 85.9  | 63.4                    | 619.7             |
| 62,5°    | 46.1                         | 49.1         | 54.2         | 61.1         | 69.2         | 77.8         | 85.6         | 89.4         | 87.8         | 86.1         | 85.2  | 74.4                    | 694.1             |
| 65,0°    | 46.4                         | 48.2         | 53.2         | 60.1         | 68.5         | 76.8         | 83.7         | 86.3         | 83.9         | 82.0         | 81.1  | 84.5                    | 778.5             |
| 67,5°    | 52.5                         | 52.0         | 52.1         | 57.7         | 65.3         | 72.5         | 78.4         | 80.0         | 76.9         | 74.9         | 74.0  | 82.2                    | 860.7             |
| 70,0°    | 54.5                         | 58.5         | 57.0         | 53.9         | 59.7         | 65.6         | 69.8         | 70.5         | 67.6         | 65.1         | 64.4  | 69.4                    | 930.2             |
| 72,5°    | 52.2                         | 57.1         | 55.0         | 50.9         | 51.3         | 55.5         | 58.3         | 58.3         | 55.1         | 53.4         | 54.1  | 39.8                    | 969.9             |
| 75,0°    | 28.6                         | 36.9         | 40.3         | 39.0         | 41.6         | 44.9         | 46.8         | 46.1         | 43.2         | 41.5         | 42.5  | 15.6                    | 985.6             |
| 77,5°    | 20.4                         | 22.6         | 25.3         | 28.0         | 30.9         | 33.4         | 34.8         | 33.4         | 31.1         | 29.8         | 29.9  | 7.0                     | 992.5             |
| 80,0°    | 13.6                         | 15.1         | 17.0         | 19.0         | 21.0         | 22.4         | 23.0         | 21.8         | 20.4         | 19.5         | 19.3  | 4.0                     | 996.5             |
| 82,5°    | 8.0                          | 8.7          | 9.6          | 10.5         | 11.0         | 11.5         | 11.5         | 11.1         | 10.4         | 10.1         | 10.0  | 2.2                     | 998.8             |
| 85,0°    | 3.6                          | 3.8          | 4.1          | 4.4          | 4.7          | 5.0          | 5.2          | 5.0          | 4.7          | 4.6          | 4.5   | 1.0                     | 999.7             |
| 87,5°    | 1.3                          | 1.3          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.3          | 1.3          | 1.3          | 1.3   | 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            |
| 100,0°   | 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            |
| 110,0°   | 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            |
| 120,0°   | 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            |
| 130,0°   | 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            |
| 140,0°   | 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            |
| 150,0°   | 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            |
| 160,0°   | 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            |
| 170,0°   | 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            |
| 180,0°   | 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 20 midi LED | <b>Order number: 5XA7682E1D1AC</b><br><b>EAN: 4058352223178</b> | <b>LP number</b><br>58577_11 |
|---|---|------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|
| 100             | 254                  | 254                       | 21030              | 207.8                 |
| 95              | 239                  | 252                       | 19979              | 196.0                 |
| 90              | 225                  | 250                       | 18927              | 184.4                 |
| 85              | 211                  | 247                       | 17876              | 173.1                 |
| 80              | 196                  | 245                       | 16824              | 161.9                 |
| 75              | 184                  | 242                       | 15773              | 151.1                 |
| 70              | 170                  | 239                       | 14721              | 140.2                 |
| 65              | 156                  | 236                       | 13670              | 129.8                 |
| 60              | 143                  | 233                       | 12618              | 119.6                 |
| 55              | 131                  | 230                       | 11567              | 109.2                 |
| 50              | 118                  | 226                       | 10515              | 99.2                  |
| 45              | 105                  | 222                       | 9464               | 89.5                  |
| 40              | 92                   | 217                       | 8412               | 79.9                  |
| 35              | 81                   | 212                       | 7361               | 70.4                  |
| 30              | 69                   | 206                       | 6309               | 61.0                  |
| 25              | 57                   | 199                       | 5258               | 51.8                  |
| 20              | 46                   | 191                       | 4206               | 43.0                  |
| 15              | 34                   | 180                       | 3154               | 34.2                  |