

## Photometric test report

### Family Streetlight 11 micro LED

**Order number: 5XC1M41F08DE**  
**EAN: 4058352557617**

**LP number**  
**59453\_6**

**serial**  
**documentation**  
**27.09.2023**



|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| <b>Version</b>      | post-top or side-entry mounting                                                             |
| <b>Optic</b>        | direct, asymmetric wide distribution<br>S100001                                             |
| <b>Cover</b>        | transparent, PMMA                                                                           |
| <b>Lamps</b>        | LED 4000 K   CRI ≥ 70                                                                       |
| <b>Controlgear</b>  | ECG SITECO iQ                                                                               |
| <b>Rated values</b> | Net luminous flux = 3740 lm<br>Power consumption = 25.6 W<br>Luminous efficacy = 146.1 lm/W |

**siteco**

**Luminous intensity in cd/klm**

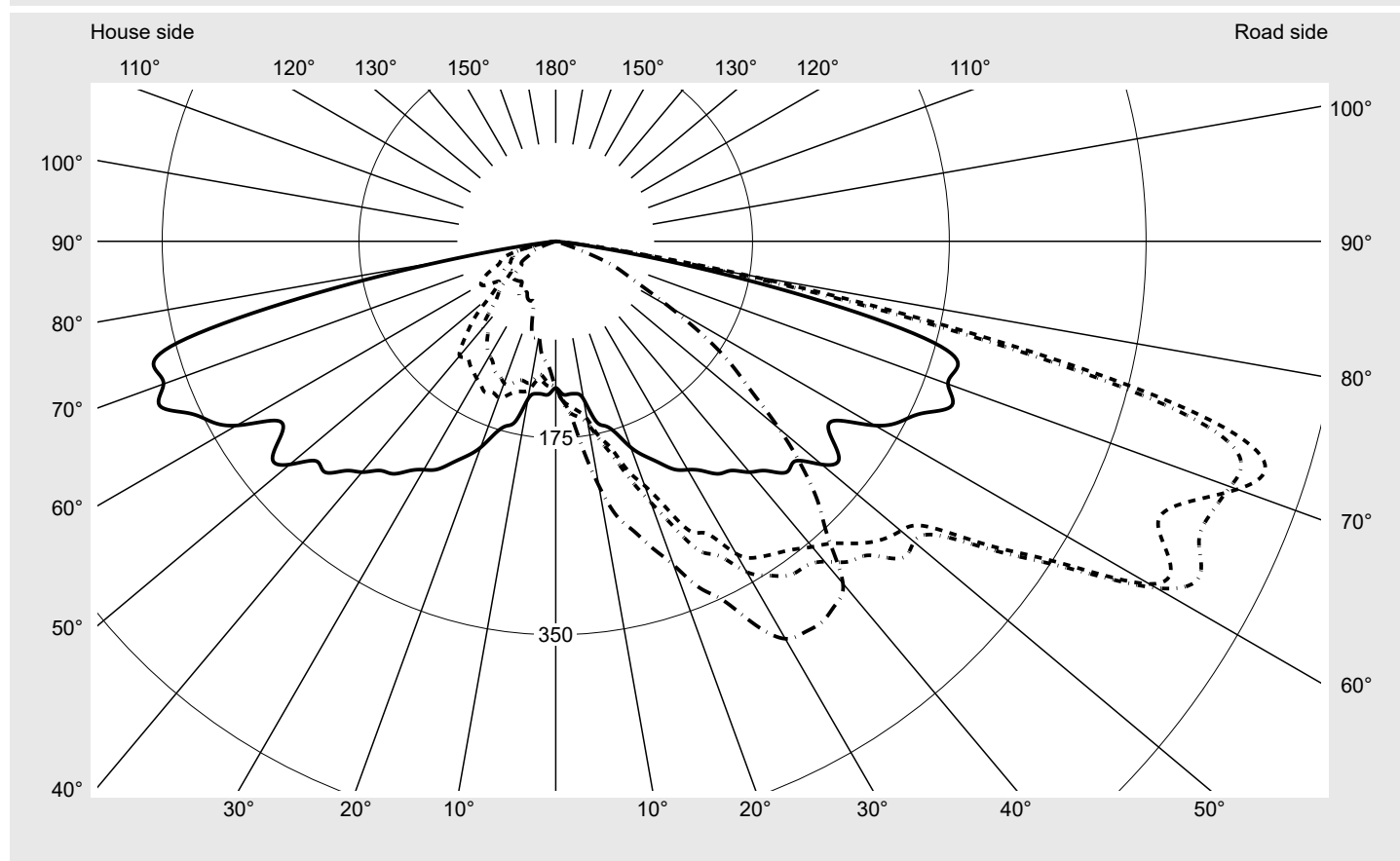
**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 661 cd/klm**



### Luminaire output ratios

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

### Measurement conditions

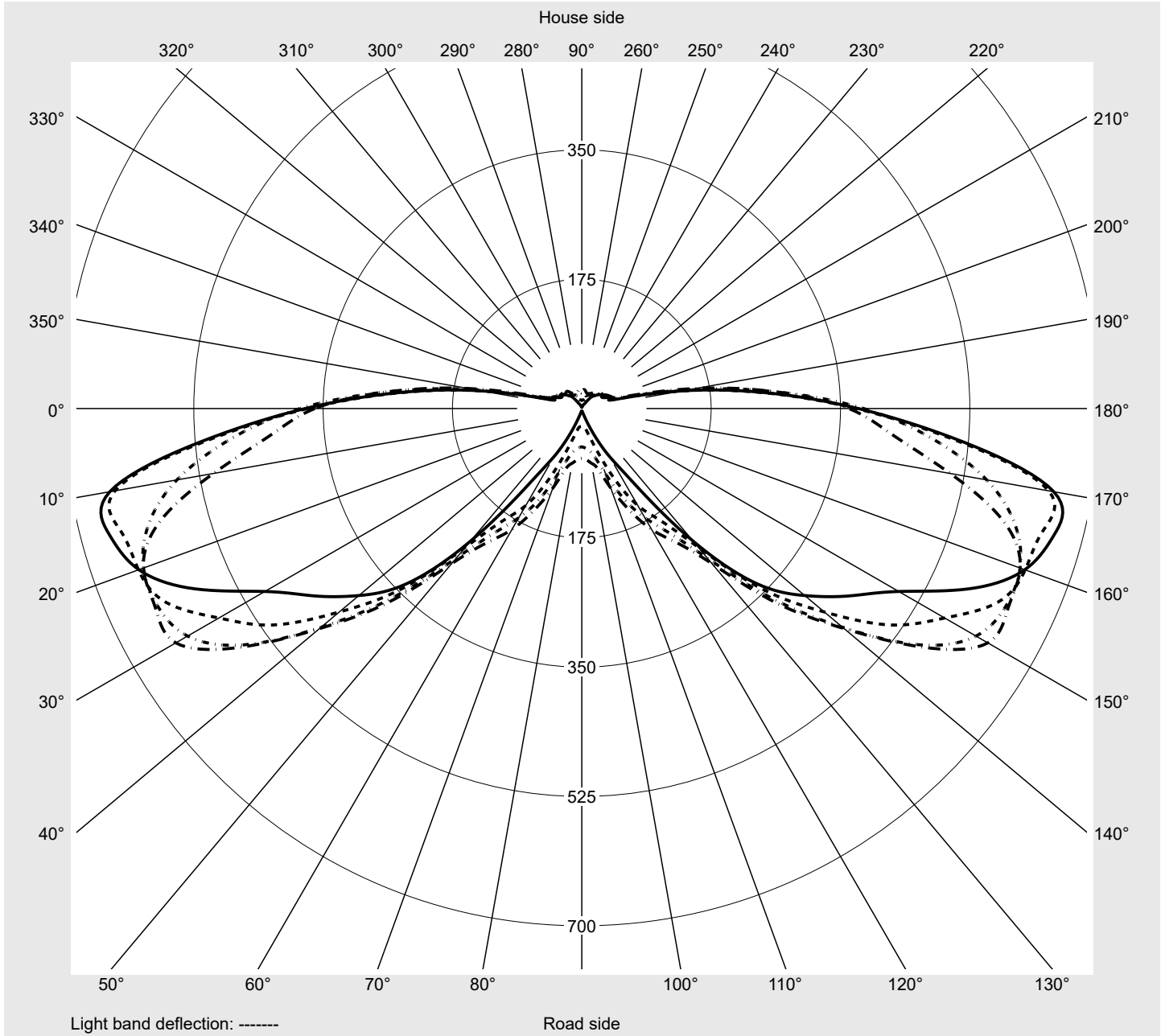
DIN EN 13032 and DIN 5032

### Luminous intensity class acc. to EN13201-2

|           |       |
|-----------|-------|
| Class:    | G1    |
| Imax 70°  | 645.0 |
| Imax 80°  | 167.3 |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

Photometric test report

|                                                                                                                 |                                                                |                                    |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------|
| <b>Family</b><br><b>Streetlight 11 micro LED</b>                                                                | <b>Order number: 5XC1M41F08DE</b><br><b>EAN: 4058352557617</b> | <b>LP number</b><br><b>59453_6</b> |
| <b>Envelope curve in cd/klm</b> <div>KMK 72.5°</div> <div>KMK 70°</div> <div>KMK 67.5°</div> <div>KMK 65°</div> |                                                                | <div>siteco</div>                  |



Photometric test report

|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 11 micro LED       | Order number: 5XC1M41F08DE<br>EAN: 4058352557617 | LP number<br>59453_6       |
| Table of values for luminous intensities |                                                  | Maximum luminous intensity |

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| C-<br>planes | 0°<br>180°                   | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|--------------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ            | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°         | 130.5                        | 130.5      | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       | 130.5       |
| 2,5°         | 136.0                        | 138.5      | 139.5       | 141.5       | 143.1       | 143.0       | 142.2       | 142.5       | 144.1       | 144.9       | 146.0       | 147.0       | 146.5       |
| 5,0°         | 136.5                        | 139.7      | 143.0       | 147.1       | 153.5       | 155.8       | 154.9       | 157.2       | 159.8       | 161.3       | 162.4       | 161.4       | 159.9       |
| 7,5°         | 136.8                        | 142.1      | 147.3       | 152.3       | 157.6       | 161.0       | 165.6       | 170.9       | 172.5       | 171.3       | 168.7       | 172.0       | 177.4       |
| 10,0°        | 142.6                        | 147.8      | 153.0       | 160.3       | 165.1       | 169.3       | 177.3       | 184.1       | 187.2       | 191.2       | 197.2       | 200.3       | 201.5       |
| 12,5°        | 163.5                        | 167.3      | 172.4       | 177.7       | 181.1       | 185.6       | 192.8       | 201.2       | 209.5       | 215.8       | 222.2       | 227.8       | 228.1       |
| 15,0°        | 170.1                        | 176.4      | 184.9       | 190.6       | 198.6       | 206.4       | 211.4       | 221.4       | 229.1       | 235.7       | 249.5       | 253.9       | 257.3       |
| 17,5°        | 179.2                        | 190.7      | 205.0       | 214.1       | 223.0       | 234.7       | 240.8       | 245.8       | 249.0       | 249.5       | 252.7       | 262.0       | 271.2       |
| 20,0°        | 195.1                        | 207.0      | 215.2       | 231.4       | 247.2       | 258.6       | 268.3       | 276.9       | 278.8       | 279.9       | 278.5       | 281.6       | 289.1       |
| 22,5°        | 206.7                        | 223.1      | 238.2       | 256.5       | 275.4       | 289.6       | 298.9       | 309.0       | 313.5       | 307.5       | 303.6       | 305.9       | 310.6       |
| 25,0°        | 217.3                        | 238.7      | 261.6       | 285.0       | 304.1       | 321.3       | 330.9       | 339.9       | 339.8       | 328.5       | 325.0       | 328.2       | 331.9       |
| 27,5°        | 228.8                        | 250.7      | 274.0       | 293.6       | 315.7       | 338.7       | 353.6       | 358.1       | 355.9       | 348.8       | 344.1       | 344.8       | 350.5       |
| 30,0°        | 234.6                        | 257.8      | 285.1       | 320.9       | 339.6       | 353.2       | 369.3       | 375.8       | 373.0       | 369.3       | 367.3       | 365.9       | 370.3       |
| 32,5°        | 242.0                        | 270.2      | 304.2       | 333.4       | 352.5       | 376.1       | 390.9       | 394.3       | 396.6       | 397.3       | 390.7       | 385.7       | 391.9       |
| 35,0°        | 252.5                        | 278.7      | 309.9       | 339.3       | 362.7       | 383.0       | 387.6       | 394.2       | 399.9       | 400.7       | 399.8       | 396.9       | 399.9       |
| 37,5°        | 257.0                        | 286.3      | 319.3       | 345.7       | 364.5       | 385.4       | 398.4       | 404.7       | 404.4       | 401.3       | 397.7       | 392.9       | 395.0       |
| 40,0°        | 268.1                        | 303.0      | 333.2       | 354.8       | 372.0       | 393.7       | 405.0       | 408.1       | 406.8       | 400.0       | 392.0       | 388.4       | 386.3       |
| 42,5°        | 276.8                        | 303.3      | 345.9       | 364.5       | 386.3       | 410.9       | 422.9       | 418.4       | 406.0       | 399.1       | 394.1       | 388.4       | 385.1       |
| 45,0°        | 290.4                        | 314.6      | 356.8       | 380.0       | 395.0       | 419.0       | 427.9       | 425.9       | 414.6       | 410.1       | 393.1       | 372.1       | 367.5       |
| 47,5°        | 289.2                        | 326.3      | 371.3       | 392.9       | 417.2       | 442.3       | 443.9       | 426.0       | 419.5       | 419.4       | 386.4       | 347.8       | 344.4       |
| 50,0°        | 308.9                        | 351.5      | 380.8       | 400.6       | 415.9       | 441.5       | 454.5       | 442.7       | 420.7       | 400.5       | 372.2       | 341.7       | 317.5       |
| 52,5°        | 317.5                        | 363.9      | 397.1       | 416.9       | 429.8       | 452.2       | 458.6       | 430.6       | 406.6       | 377.8       | 343.7       | 306.5       | 283.0       |
| 55,0°        | 297.2                        | 367.5      | 434.3       | 472.6       | 481.5       | 479.0       | 482.2       | 456.7       | 420.1       | 362.3       | 306.7       | 278.1       | 254.3       |
| 57,5°        | 296.7                        | 377.7      | 467.0       | 532.9       | 541.4       | 531.2       | 516.3       | 481.5       | 423.8       | 352.9       | 292.5       | 256.9       | 237.1       |
| 60,0°        | 327.7                        | 424.7      | 532.9       | 609.7       | 616.7       | 592.2       | 550.6       | 499.9       | 432.9       | 346.5       | 293.2       | 258.0       | 225.8       |
| 62,5°        | 346.5                        | 437.1      | 534.0       | 615.5       | 645.4       | 626.7       | 593.0       | 540.4       | 447.6       | 365.5       | 288.9       | 243.1       | 205.4       |
| 65,0°        | 361.3                        | 424.1      | 506.1       | 591.1       | 631.1       | 636.8       | 634.3       | 563.0       | 463.4       | 371.8       | 274.1       | 220.4       | 189.1       |
| 67,5°        | 381.4                        | 477.6      | 556.3       | 606.9       | 631.1       | 633.1       | 615.9       | 557.5       | 460.5       | 362.5       | 264.1       | 205.0       | 170.7       |
| 70,0°        | 371.2                        | 512.4      | 641.5       | 645.0       | 638.4       | 620.8       | 567.0       | 510.7       | 428.4       | 345.5       | 245.1       | 184.7       | 151.5       |
| 72,5°        | 374.2                        | 517.9      | 648.5       | 661.5       | 637.8       | 577.5       | 495.2       | 442.1       | 393.8       | 335.5       | 234.2       | 125.1       | 75.1        |
| 75,0°        | 347.7                        | 473.1      | 561.8       | 587.5       | 559.1       | 469.3       | 379.1       | 352.4       | 316.6       | 217.7       | 99.9        | 32.0        | 9.7         |
| 77,5°        | 231.6                        | 318.2      | 373.2       | 380.7       | 345.4       | 305.4       | 256.2       | 200.5       | 115.3       | 39.5        | 8.3         | 0.0         | 0.0         |
| 80,0°        | 101.0                        | 138.7      | 164.6       | 167.3       | 147.4       | 125.6       | 89.2        | 36.7        | 6.9         | 0.0         | 0.0         | 0.0         | 0.0         |
| 82,5°        | 20.5                         | 26.6       | 30.7        | 35.4        | 36.7        | 24.6        | 7.9         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| 85,0°        | 0.0                          | 0.0        | 0.0         | 0.1         | 0.2         | 0.1         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| 87,5°        | 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         |
| 90,0°        | 0.0                          | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

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|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                      |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|----------------------|--------------|
| Family<br>Streetlight 11 micro LED       |                              | Order number: 5XC1M41F08DE<br>EAN: 4058352557617 |             |             |            |       |              |              |              |                            |              | LP number<br>59453_6 |              |
| Table of values for luminous intensities |                              |                                                  |             |             |            |       |              |              |              | Maximum luminous intensity |              | siteco               |              |
| C-<br>planes                             | 65°<br>115°                  | 70°<br>110°                                      | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340°               | 205°<br>335° | 210°<br>330°         | 215°<br>325° |
| γ                                        | Luminous intensity in cd/klm |                                                  |             |             |            |       |              |              |              |                            |              |                      |              |
| 0,0°                                     | 130.5                        | 130.5                                            | 130.5       | 130.5       | 130.5      | 130.5 | 130.5        | 130.5        | 130.5        | 130.5                      | 130.5        | 130.5                | 130.5        |
| 2,5°                                     | 144.8                        | 144.1                                            | 144.5       | 144.0       | 142.6      | 142.1 | 133.5        | 131.6        | 129.3        | 126.9                      | 125.2        | 124.6                | 123.8        |
| 5,0°                                     | 158.2                        | 157.8                                            | 158.6       | 158.1       | 156.5      | 155.6 | 133.0        | 130.2        | 125.9        | 121.7                      | 119.4        | 118.0                | 114.8        |
| 7,5°                                     | 178.7                        | 179.4                                            | 181.1       | 183.4       | 185.1      | 186.9 | 132.9        | 129.1        | 124.4        | 119.7                      | 116.9        | 115.9                | 112.8        |
| 10,0°                                    | 205.7                        | 209.9                                            | 211.3       | 215.8       | 220.4      | 220.8 | 140.7        | 137.8        | 133.5        | 127.5                      | 121.9        | 117.7                | 111.5        |
| 12,5°                                    | 232.7                        | 236.3                                            | 237.8       | 243.2       | 249.0      | 250.1 | 154.5        | 145.0        | 136.9        | 127.7                      | 121.4        | 117.1                | 113.6        |
| 15,0°                                    | 261.2                        | 261.9                                            | 264.6       | 264.9       | 265.0      | 266.5 | 160.7        | 148.9        | 138.6        | 128.1                      | 120.8        | 113.7                | 107.5        |
| 17,5°                                    | 277.5                        | 280.8                                            | 283.9       | 286.2       | 285.1      | 286.2 | 166.3        | 155.1        | 143.7        | 133.1                      | 121.5        | 111.5                | 104.3        |
| 20,0°                                    | 298.0                        | 303.4                                            | 307.6       | 308.4       | 304.5      | 306.5 | 178.5        | 161.6        | 148.0        | 134.3                      | 118.9        | 109.4                | 102.2        |
| 22,5°                                    | 320.7                        | 328.0                                            | 334.6       | 335.8       | 333.1      | 333.4 | 182.1        | 163.0        | 145.8        | 129.8                      | 117.7        | 105.7                | 95.7         |
| 25,0°                                    | 338.4                        | 346.6                                            | 350.8       | 353.0       | 353.2      | 352.4 | 190.0        | 168.2        | 148.2        | 127.8                      | 111.4        | 98.7                 | 90.7         |
| 27,5°                                    | 359.7                        | 366.9                                            | 370.6       | 377.0       | 383.3      | 384.8 | 200.1        | 173.4        | 144.1        | 121.3                      | 106.9        | 93.9                 | 79.2         |
| 30,0°                                    | 375.7                        | 381.5                                            | 390.6       | 401.2       | 407.5      | 408.3 | 205.1        | 174.8        | 140.7        | 117.5                      | 99.7         | 85.4                 | 71.7         |
| 32,5°                                    | 393.6                        | 392.0                                            | 404.9       | 419.2       | 418.6      | 412.3 | 207.4        | 171.7        | 136.9        | 113.1                      | 95.0         | 80.0                 | 69.1         |
| 35,0°                                    | 404.5                        | 402.8                                            | 409.9       | 423.8       | 420.5      | 413.2 | 213.2        | 170.1        | 133.3        | 106.3                      | 88.2         | 76.3                 | 67.6         |
| 37,5°                                    | 399.5                        | 403.3                                            | 410.9       | 416.6       | 412.9      | 408.1 | 213.8        | 171.6        | 130.0        | 99.6                       | 82.1         | 71.8                 | 65.5         |
| 40,0°                                    | 386.3                        | 392.3                                            | 396.4       | 395.6       | 396.2      | 397.4 | 217.2        | 175.9        | 133.0        | 100.6                      | 81.7         | 68.4                 | 61.2         |
| 42,5°                                    | 386.4                        | 382.6                                            | 367.3       | 363.4       | 362.2      | 359.2 | 228.1        | 176.0        | 122.2        | 89.8                       | 74.3         | 61.1                 | 55.4         |
| 45,0°                                    | 365.8                        | 359.0                                            | 351.7       | 346.0       | 334.0      | 330.8 | 235.4        | 171.4        | 108.4        | 76.4                       | 69.0         | 58.8                 | 52.0         |
| 47,5°                                    | 342.4                        | 323.4                                            | 311.8       | 307.1       | 297.3      | 297.4 | 228.3        | 158.8        | 93.8         | 69.4                       | 63.7         | 55.9                 | 47.6         |
| 50,0°                                    | 302.7                        | 287.1                                            | 278.3       | 268.0       | 258.2      | 259.5 | 230.0        | 147.2        | 75.7         | 63.0                       | 57.4         | 50.4                 | 44.1         |
| 52,5°                                    | 267.1                        | 256.9                                            | 246.3       | 226.1       | 218.2      | 219.8 | 221.6        | 132.2        | 65.8         | 55.3                       | 48.9         | 43.5                 | 41.7         |
| 55,0°                                    | 236.1                        | 223.9                                            | 208.7       | 185.6       | 183.8      | 190.1 | 211.1        | 127.7        | 62.2         | 48.9                       | 42.9         | 40.1                 | 39.1         |
| 57,5°                                    | 214.9                        | 185.4                                            | 166.0       | 156.8       | 153.2      | 155.2 | 215.4        | 136.8        | 71.9         | 47.9                       | 41.8         | 36.8                 | 35.6         |
| 60,0°                                    | 190.0                        | 155.2                                            | 132.8       | 126.9       | 120.0      | 116.8 | 227.3        | 144.6        | 76.8         | 52.7                       | 46.0         | 38.9                 | 36.5         |
| 62,5°                                    | 169.1                        | 132.8                                            | 109.1       | 99.1        | 89.9       | 86.8  | 251.8        | 153.0        | 72.6         | 48.8                       | 41.4         | 37.5                 | 34.4         |
| 65,0°                                    | 151.1                        | 114.6                                            | 84.7        | 75.2        | 69.3       | 67.5  | 262.0        | 156.1        | 66.1         | 44.4                       | 40.7         | 36.8                 | 31.7         |
| 67,5°                                    | 135.0                        | 94.0                                             | 68.0        | 57.8        | 53.7       | 51.9  | 261.8        | 147.7        | 56.2         | 43.0                       | 38.7         | 36.4                 | 32.8         |
| 70,0°                                    | 105.8                        | 62.0                                             | 38.0        | 27.3        | 24.7       | 24.3  | 246.4        | 137.3        | 52.4         | 40.5                       | 36.3         | 34.4                 | 34.0         |
| 72,5°                                    | 39.1                         | 15.5                                             | 7.3         | 4.1         | 3.5        | 3.4   | 247.9        | 137.3        | 48.9         | 40.1                       | 34.9         | 31.0                 | 31.9         |
| 75,0°                                    | 0.8                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 221.1        | 119.2        | 39.4         | 37.2                       | 34.1         | 29.4                 | 28.2         |
| 77,5°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 144.4        | 78.3         | 25.0         | 25.1                       | 25.2         | 20.5                 | 15.8         |
| 80,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 62.8         | 34.1         | 12.2         | 12.0                       | 10.8         | 6.6                  | 2.1          |
| 82,5°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 13.0         | 6.8          | 2.7          | 2.6                        | 1.8          | 0.7                  | 0.0          |
| 85,0°                                    | 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          |
| 87,5°                                    | 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          |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0                  | 0.0          |

Photometric test report

|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 11 micro LED       | Order number: 5XC1M41F08DE<br>EAN: 4058352557617 | LP number<br>59453_6       |
| Table of values for luminous intensities |                                                  | Maximum luminous intensity |
|                                          |                                                  | siteco                     |

| C-<br>planes | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-zone                | Total<br>Phi-zone |
|--------------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| γ            | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |       | Luminous flux in lm/klm |                   |
| 0,0°         | 130.5                        | 130.5        | 130.5        | 130.5        | 130.5        | 130.5        | 130.5        | 130.5        | 130.5        | 130.5        | 130.5 | 0.2                     | 0.2               |
| 2,5°         | 122.7                        | 120.0        | 117.8        | 117.0        | 116.9        | 114.6        | 112.3        | 113.9        | 114.3        | 113.7        | 114.7 | 1.6                     | 1.8               |
| 5,0°         | 111.7                        | 109.2        | 107.6        | 107.8        | 107.6        | 106.4        | 106.8        | 106.6        | 106.1        | 106.5        | 106.6 | 3.2                     | 5.0               |
| 7,5°         | 109.8                        | 108.4        | 104.8        | 100.5        | 98.9         | 96.9         | 95.7         | 96.6         | 96.1         | 97.0         | 99.1  | 5.0                     | 10.0              |
| 10,0°        | 107.0                        | 105.7        | 103.6        | 102.1        | 100.6        | 98.1         | 97.2         | 93.4         | 87.9         | 86.3         | 86.3  | 7.1                     | 17.1              |
| 12,5°        | 108.9                        | 103.0        | 100.0        | 97.9         | 96.7         | 94.5         | 92.5         | 90.1         | 87.2         | 86.9         | 87.7  | 9.5                     | 26.6              |
| 15,0°        | 102.9                        | 98.9         | 93.7         | 89.9         | 86.2         | 83.4         | 81.8         | 80.9         | 80.2         | 81.1         | 82.5  | 12.0                    | 38.6              |
| 17,5°        | 97.9                         | 92.0         | 87.4         | 83.5         | 79.7         | 75.4         | 71.2         | 70.8         | 70.5         | 69.2         | 68.3  | 14.5                    | 53.1              |
| 20,0°        | 94.0                         | 88.2         | 83.8         | 80.3         | 77.8         | 74.4         | 69.6         | 64.6         | 60.5         | 58.6         | 57.5  | 17.5                    | 70.6              |
| 22,5°        | 87.7                         | 80.7         | 77.3         | 76.3         | 74.7         | 70.4         | 67.8         | 65.8         | 63.3         | 59.0         | 57.3  | 20.8                    | 91.4              |
| 25,0°        | 82.5                         | 75.7         | 71.0         | 69.8         | 66.1         | 61.6         | 60.8         | 59.7         | 57.3         | 56.8         | 57.3  | 24.1                    | 115.5             |
| 27,5°        | 74.4                         | 72.4         | 69.4         | 66.4         | 61.7         | 58.7         | 57.3         | 57.1         | 56.9         | 55.4         | 54.9  | 27.4                    | 142.9             |
| 30,0°        | 64.9                         | 65.9         | 63.6         | 59.1         | 58.8         | 59.6         | 58.4         | 57.0         | 54.2         | 52.0         | 52.1  | 30.7                    | 173.6             |
| 32,5°        | 64.8                         | 61.8         | 58.4         | 57.3         | 57.7         | 56.3         | 53.8         | 53.2         | 53.4         | 55.5         | 57.3  | 34.1                    | 207.7             |
| 35,0°        | 62.9                         | 58.8         | 54.5         | 54.8         | 56.4         | 52.9         | 48.3         | 48.1         | 53.0         | 56.5         | 56.7  | 36.7                    | 244.4             |
| 37,5°        | 60.6                         | 57.7         | 54.8         | 53.1         | 52.5         | 52.4         | 51.6         | 49.2         | 49.3         | 50.9         | 51.0  | 38.9                    | 283.3             |
| 40,0°        | 57.8                         | 54.5         | 53.2         | 51.0         | 47.8         | 47.5         | 49.6         | 50.7         | 50.8         | 48.8         | 46.9  | 40.9                    | 324.2             |
| 42,5°        | 54.2                         | 51.8         | 48.1         | 46.9         | 46.8         | 48.5         | 49.4         | 49.8         | 49.9         | 48.7         | 48.0  | 42.5                    | 366.7             |
| 45,0°        | 52.0                         | 50.5         | 45.3         | 46.0         | 48.5         | 46.7         | 50.3         | 53.4         | 49.4         | 48.0         | 49.1  | 44.0                    | 410.7             |
| 47,5°        | 44.6                         | 45.0         | 44.6         | 44.1         | 42.0         | 42.4         | 45.4         | 48.7         | 46.6         | 46.2         | 50.1  | 44.6                    | 455.3             |
| 50,0°        | 42.7                         | 41.3         | 41.0         | 44.4         | 43.6         | 41.8         | 43.7         | 45.3         | 45.4         | 47.0         | 49.3  | 44.9                    | 500.3             |
| 52,5°        | 42.8                         | 40.1         | 37.4         | 40.8         | 42.8         | 41.7         | 39.9         | 41.4         | 43.3         | 44.0         | 43.9  | 44.4                    | 544.7             |
| 55,0°        | 39.5                         | 36.8         | 37.5         | 39.4         | 39.1         | 38.7         | 37.6         | 37.9         | 37.9         | 37.7         | 37.2  | 44.9                    | 589.6             |
| 57,5°        | 37.9                         | 36.2         | 36.2         | 35.3         | 34.2         | 35.0         | 34.5         | 34.9         | 36.1         | 36.4         | 36.3  | 46.4                    | 636.0             |
| 60,0°        | 36.1                         | 36.7         | 35.0         | 31.8         | 29.8         | 29.4         | 31.0         | 31.5         | 31.8         | 32.4         | 33.0  | 49.2                    | 685.2             |
| 62,5°        | 31.2                         | 33.6         | 34.9         | 30.3         | 27.4         | 26.1         | 26.3         | 27.8         | 28.2         | 27.2         | 26.2  | 50.5                    | 735.7             |
| 65,0°        | 29.9                         | 30.4         | 30.5         | 26.2         | 23.6         | 22.4         | 21.6         | 22.8         | 25.2         | 25.6         | 24.1  | 50.4                    | 786.1             |
| 67,5°        | 30.4                         | 27.7         | 24.1         | 21.8         | 21.1         | 20.1         | 18.3         | 18.6         | 21.4         | 21.9         | 20.8  | 50.7                    | 836.8             |
| 70,0°        | 32.0                         | 26.4         | 22.3         | 18.3         | 17.7         | 16.6         | 13.9         | 12.3         | 12.1         | 11.4         | 10.9  | 49.4                    | 886.2             |
| 72,5°        | 29.0                         | 24.5         | 20.6         | 12.7         | 7.4          | 6.2          | 4.3          | 2.6          | 1.9          | 1.7          | 1.6   | 45.6                    | 931.7             |
| 75,0°        | 24.1                         | 16.9         | 8.6          | 3.1          | 0.8          | 0.2          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 36.5                    | 968.3             |
| 77,5°        | 10.3                         | 3.7          | 1.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 21.7                    | 990.0             |
| 80,0°        | 0.5                          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 8.4                     | 998.4             |
| 82,5°        | 0.0                          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 1.6                     | 1000.0            |
| 85,0°        | 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            |
| 87,5°        | 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            |
| 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><b>Streetlight 11 micro LED</b> | <b>Order number: 5XC1M41F08DE</b><br><b>EAN: 4058352557617</b> | <b>LP number</b><br><b>59453_6</b>     |
| <b>Dimming levels table</b>                      |                                                                | <b>environmental temperature: 25°C</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                       | 3740               | 25.6                                   | 26.3                                 | 26.0                         |
| 95                | 241                  | 252                       | 3549               | 24.2                                   | 24.8                                 | 24.5                         |
| 90                | 229                  | 250                       | 3372               | 22.8                                   | 23.4                                 | 23.1                         |
| 85                | 216                  | 248                       | 3180               | 21.5                                   | 22.0                                 | 21.8                         |
| 80                | 203                  | 246                       | 2989               | 20.0                                   | 20.5                                 | 20.2                         |
| 75                | 190                  | 243                       | 2798               | 18.7                                   | 19.2                                 | 19.0                         |
| 70                | 178                  | 241                       | 2621               | 17.5                                   | 17.9                                 | 17.7                         |
| 65                | 165                  | 238                       | 2430               | 16.1                                   | 16.5                                 | 16.3                         |
| 60                | 152                  | 235                       | 2238               | 14.9                                   | 15.2                                 | 15.0                         |
| 55                | 140                  | 232                       | 2061               | 13.8                                   | 14.0                                 | 13.9                         |
| 50                | 127                  | 229                       | 1870               | 12.4                                   | 12.7                                 | 12.6                         |
| 45                | 114                  | 225                       | 1679               | 11.2                                   | 11.5                                 | 11.4                         |
| 40                | 102                  | 221                       | 1502               | 10.2                                   | 10.4                                 | 10.3                         |
| 35                | 89                   | 216                       | 1310               | 9.0                                    | 9.2                                  | 9.1                          |
| 30                | 76                   | 210                       | 1119               | 7.8                                    | 7.9                                  | 7.8                          |
| 25                | 63                   | 203                       | 928                | 6.7                                    | 6.8                                  | 6.8                          |
| 20                | 51                   | 195                       | 751                | 5.7                                    | 5.8                                  | 5.8                          |
| 15                | 38                   | 184                       | 560                | 4.6                                    | 4.7                                  | 4.6                          |
| 15                | 37                   | 183                       | 545                | 4.5                                    | 4.6                                  | 4.6                          |