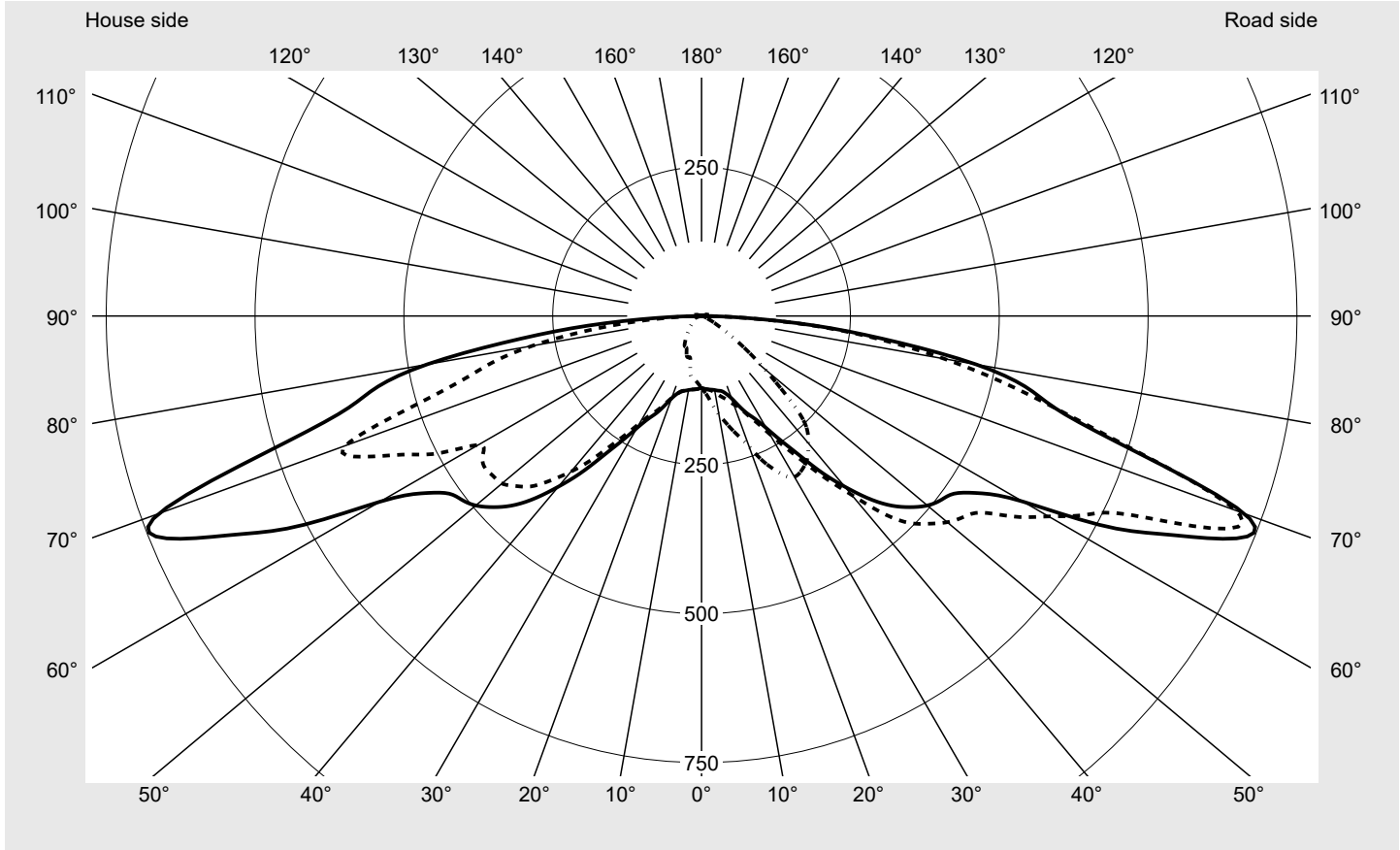


# Photometric test report

|   |   |  |
|---|---|--|
| <b>Family</b><br><b>Streetlight 11 mini LED</b> | <b>Order number: 5XC2C41F08GE</b><br><b>EAN: 4058352558065</b>  | <b>LP number</b><br><b>58290_31</b>              |
|   | <b>Version</b> post-top or side-entry mounting<br><b>Optic</b> asymmetric, extremely wide distribution (P1.0a)<br><b>Cover</b> transparent, PMMA<br><b>Lamps</b> LED 4000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 3150 lm<br>Power consumption = 22.7 W<br>Luminous efficacy = 138.8 lm/W | <b>serial documentation</b><br><b>09.09.2021</b> |



**Luminous intensity in cd/klm** C180-0 C185-5 C270-90 **Imax: 975 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:    | ---   |
| Imax 70°  | 970.0 |
| Imax 80°  | 468.3 |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

**Measurement conditions**

DIN EN 13032 and DIN 5032

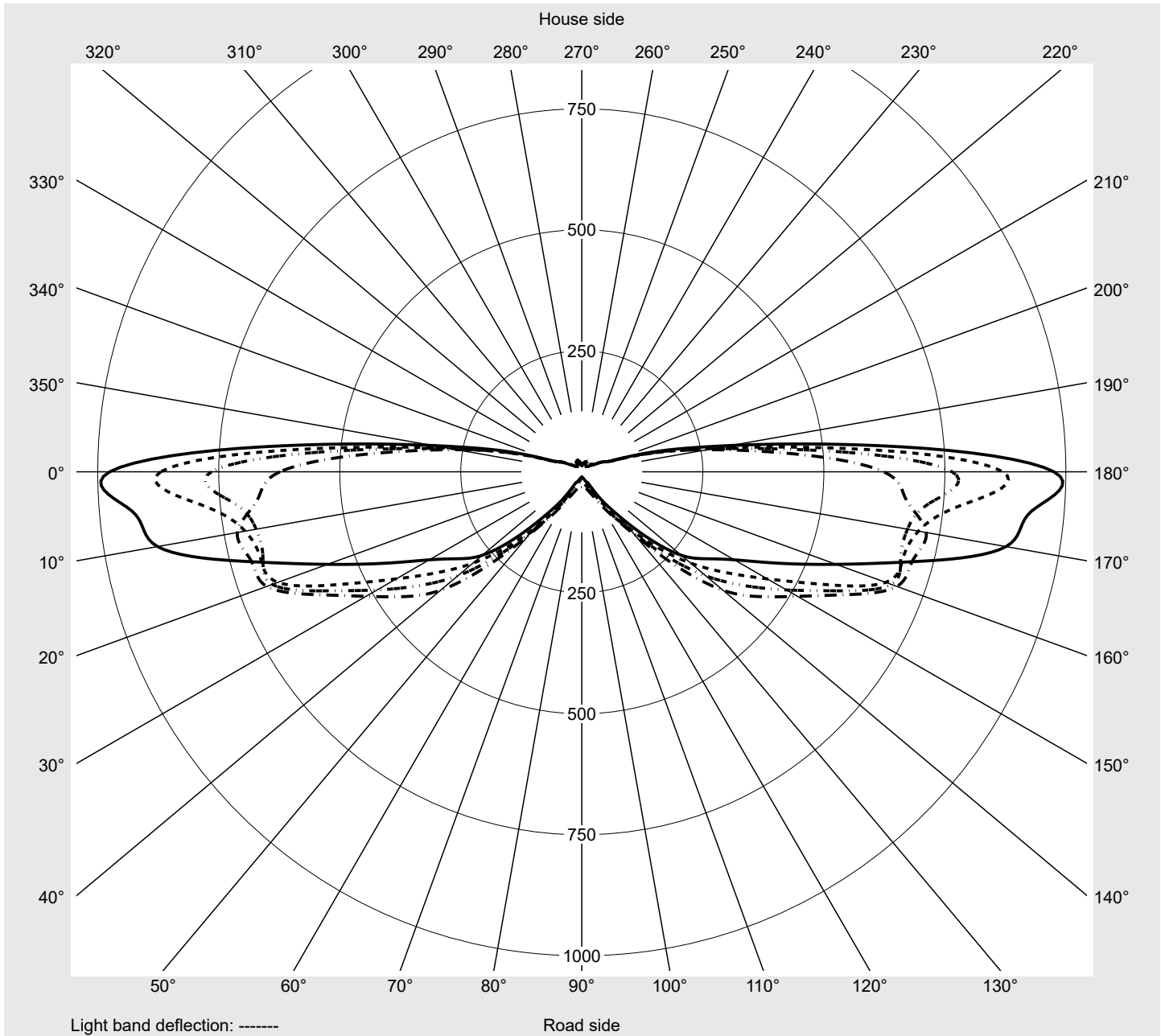
# Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>Streetlight 11 mini LED</b> | <b>Order number: 5XC2C41F08GE</b><br><b>EAN: 4058352558065</b> | <b>LP number</b><br><b>58290_31</b> |
|---|--|-------------------------------------|

Envelope curve in cd/klm

KMK 67.5°
KMK 65°
KMK 62.5°
KMK 60°

**siteco**



## Photometric test report

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Family</b><br>Streetlight 11 mini LED        | <b>Order number: 5XC2C41F08GE</b><br><b>EAN: 4058352558065</b> | <b>LP number</b><br>58290_31      |
| <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°     | 120.9                        | 120.9      | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       | 120.9       |
| 2,5°     | 122.3                        | 122.5      | 122.6       | 123.2       | 123.7       | 123.4       | 123.1       | 123.4       | 123.7       | 124.7       | 125.7       | 126.5       | 127.1       |
| 5,0°     | 123.7                        | 124.0      | 124.3       | 125.4       | 126.6       | 128.2       | 129.7       | 130.6       | 131.5       | 133.0       | 134.7       | 136.1       | 137.1       |
| 7,5°     | 124.7                        | 126.5      | 128.8       | 133.3       | 138.0       | 141.2       | 143.7       | 145.6       | 147.0       | 148.2       | 149.3       | 150.9       | 152.7       |
| 10,0°    | 126.2                        | 130.4      | 135.0       | 141.5       | 147.9       | 152.4       | 156.1       | 159.3       | 161.9       | 163.8       | 165.3       | 167.1       | 168.6       |
| 12,5°    | 128.5                        | 136.5      | 143.9       | 149.9       | 155.1       | 160.1       | 165.1       | 170.7       | 176.1       | 180.5       | 184.4       | 184.5       | 184.6       |
| 15,0°    | 130.7                        | 142.2      | 152.4       | 158.4       | 163.4       | 169.3       | 175.7       | 182.8       | 189.8       | 195.8       | 201.5       | 201.5       | 201.6       |
| 17,5°    | 136.9                        | 149.0      | 159.7       | 166.0       | 171.2       | 178.3       | 185.9       | 193.8       | 201.6       | 209.1       | 215.4       | 218.9       | 221.5       |
| 20,0°    | 147.2                        | 157.9      | 167.8       | 175.4       | 182.7       | 192.3       | 201.7       | 209.0       | 215.6       | 222.8       | 229.4       | 234.3       | 238.7       |
| 22,5°    | 163.1                        | 166.7      | 172.6       | 184.8       | 199.0       | 212.3       | 225.7       | 228.8       | 232.4       | 237.4       | 242.9       | 248.6       | 254.3       |
| 25,0°    | 180.1                        | 183.6      | 186.3       | 201.4       | 216.7       | 233.0       | 249.6       | 250.1       | 250.6       | 254.1       | 257.7       | 261.5       | 265.5       |
| 27,5°    | 195.0                        | 202.5      | 211.1       | 222.8       | 234.9       | 245.6       | 255.3       | 263.7       | 271.6       | 274.1       | 276.7       | 275.9       | 274.9       |
| 30,0°    | 217.4                        | 229.1      | 240.4       | 248.8       | 256.5       | 258.7       | 260.9       | 276.1       | 291.2       | 290.9       | 290.7       | 282.9       | 275.1       |
| 32,5°    | 248.0                        | 261.1      | 273.7       | 276.3       | 278.7       | 281.0       | 283.2       | 296.0       | 308.8       | 305.0       | 301.1       | 282.5       | 263.9       |
| 35,0°    | 284.4                        | 299.2      | 312.1       | 310.8       | 309.6       | 308.8       | 308.1       | 317.2       | 326.4       | 317.0       | 303.5       | 277.7       | 247.7       |
| 37,5°    | 331.0                        | 344.9      | 353.9       | 352.0       | 350.1       | 342.1       | 334.1       | 331.6       | 329.1       | 314.6       | 295.3       | 262.0       | 223.9       |
| 40,0°    | 374.2                        | 392.1      | 403.9       | 400.7       | 397.5       | 381.6       | 365.7       | 351.4       | 334.7       | 312.8       | 284.2       | 244.3       | 200.1       |
| 42,5°    | 416.0                        | 448.2      | 476.1       | 469.0       | 461.9       | 436.1       | 408.8       | 377.9       | 344.2       | 306.8       | 268.7       | 233.2       | 198.3       |
| 45,0°    | 450.1                        | 491.0      | 528.9       | 521.1       | 513.4       | 481.0       | 445.7       | 402.1       | 354.4       | 301.8       | 253.4       | 220.1       | 196.6       |
| 47,5°    | 475.2                        | 516.4      | 552.2       | 548.7       | 545.2       | 514.2       | 477.5       | 425.1       | 365.1       | 297.4       | 237.2       | 204.4       | 183.7       |
| 50,0°    | 495.1                        | 538.7      | 575.9       | 576.8       | 577.8       | 542.1       | 500.6       | 443.3       | 376.5       | 295.9       | 223.5       | 186.9       | 164.8       |
| 52,5°    | 507.3                        | 554.5      | 593.7       | 603.7       | 613.8       | 565.0       | 513.8       | 459.3       | 394.8       | 302.7       | 215.3       | 165.9       | 133.8       |
| 55,0°    | 519.6                        | 575.8      | 624.0       | 634.5       | 645.0       | 582.4       | 520.6       | 465.7       | 401.7       | 301.3       | 203.9       | 146.6       | 109.0       |
| 57,5°    | 553.9                        | 627.9      | 687.7       | 682.8       | 677.8       | 595.6       | 517.6       | 457.2       | 391.1       | 286.3       | 185.8       | 129.4       | 93.7        |
| 60,0°    | 623.7                        | 673.2      | 722.6       | 707.6       | 692.7       | 600.9       | 514.7       | 449.6       | 380.6       | 273.4       | 171.3       | 113.5       | 77.7        |
| 62,5°    | 765.0                        | 724.1      | 683.2       | 681.8       | 680.4       | 582.0       | 488.3       | 410.0       | 334.1       | 244.9       | 162.1       | 106.3       | 59.2        |
| 65,0°    | 869.8                        | 788.1      | 706.3       | 687.2       | 668.1       | 550.6       | 442.6       | 362.9       | 293.8       | 220.9       | 152.9       | 96.0        | 43.0        |
| 67,5°    | 975.3                        | 932.6      | 889.9       | 716.1       | 559.2       | 446.8       | 363.8       | 313.2       | 268.3       | 192.9       | 118.3       | 70.4        | 30.3        |
| 70,0°    | 970.0                        | 955.0      | 939.9       | 679.3       | 458.3       | 349.5       | 293.2       | 261.4       | 232.0       | 159.5       | 86.0        | 46.9        | 17.5        |
| 72,5°    | 775.6                        | 781.4      | 787.2       | 572.6       | 358.0       | 286.7       | 225.8       | 200.4       | 176.6       | 116.6       | 57.2        | 30.5        | 13.2        |
| 75,0°    | 627.2                        | 632.9      | 638.6       | 459.6       | 280.7       | 225.1       | 176.3       | 151.1       | 126.7       | 80.5        | 28.3        | 19.1        | 9.8         |
| 77,5°    | 561.6                        | 521.6      | 481.7       | 351.7       | 241.3       | 188.8       | 157.4       | 120.1       | 84.9        | 51.4        | 18.6        | 13.2        | 7.8         |
| 80,0°    | 468.3                        | 413.9      | 354.0       | 271.0       | 194.5       | 158.4       | 131.2       | 85.3        | 43.2        | 23.9        | 11.7        | 8.7         | 6.1         |
| 82,5°    | 324.8                        | 303.9      | 272.2       | 207.6       | 132.0       | 113.5       | 92.3        | 60.4        | 30.7        | 17.2        | 8.7         | 6.6         | 4.8         |
| 85,0°    | 198.9                        | 192.4      | 185.9       | 132.3       | 78.7        | 69.1        | 57.4        | 37.8        | 19.3        | 11.0        | 5.8         | 4.5         | 3.4         |
| 87,5°    | 74.6                         | 72.1       | 69.7        | 49.6        | 29.5        | 25.9        | 21.5        | 14.2        | 7.2         | 4.1         | 2.2         | 1.7         | 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>Streetlight 11 mini LED        | <b>Order number: 5XC2C41F08GE</b><br><b>EAN: 4058352558065</b> | <b>LP number</b><br>58290_31      |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
| <b>siteco</b>                                   |  |                                   |

| 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°     | 120.9                        | 120.9       | 120.9       | 120.9       | 120.9      | 120.9 | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        |
| 2,5°     | 127.4                        | 127.7       | 127.7       | 127.7       | 128.0      | 128.2 | 122.3        | 122.3        | 122.1        | 121.9        | 121.9        | 121.9        | 121.9        |
| 5,0°     | 137.7                        | 138.1       | 138.1       | 138.1       | 138.3      | 138.5 | 123.5        | 123.4        | 123.4        | 123.5        | 123.6        | 123.7        | 123.0        |
| 7,5°     | 153.2                        | 153.7       | 154.1       | 154.4       | 153.8      | 153.2 | 124.4        | 124.2        | 124.7        | 125.1        | 126.8        | 128.5        | 125.0        |
| 10,0°    | 169.4                        | 170.0       | 169.9       | 169.8       | 168.9      | 167.9 | 125.6        | 124.9        | 126.7        | 128.2        | 129.0        | 129.5        | 125.4        |
| 12,5°    | 186.2                        | 187.7       | 185.4       | 183.4       | 182.4      | 181.9 | 128.2        | 128.0        | 130.8        | 133.6        | 127.8        | 122.8        | 120.2        |
| 15,0°    | 203.1                        | 204.5       | 201.3       | 198.0       | 197.7      | 197.3 | 131.6        | 132.5        | 135.5        | 138.4        | 129.3        | 120.2        | 118.1        |
| 17,5°    | 221.1                        | 220.7       | 216.8       | 212.9       | 213.1      | 213.3 | 137.5        | 138.1        | 140.1        | 142.1        | 132.7        | 123.3        | 131.5        |
| 20,0°    | 237.1                        | 235.3       | 232.9       | 230.3       | 231.6      | 232.8 | 146.5        | 145.8        | 146.1        | 146.4        | 137.0        | 127.5        | 145.4        |
| 22,5°    | 251.7                        | 249.2       | 252.2       | 255.2       | 257.7      | 260.2 | 159.2        | 155.9        | 153.9        | 152.3        | 145.2        | 138.0        | 144.5        |
| 25,0°    | 262.6                        | 259.7       | 266.6       | 272.9       | 277.9      | 282.5 | 174.3        | 167.8        | 162.7        | 156.9        | 148.6        | 139.5        | 137.4        |
| 27,5°    | 273.1                        | 271.1       | 276.4       | 282.7       | 291.9      | 301.9 | 188.1        | 180.5        | 171.1        | 159.6        | 143.2        | 127.6        | 120.2        |
| 30,0°    | 273.0                        | 270.9       | 278.6       | 287.3       | 299.1      | 311.9 | 208.0        | 197.1        | 181.3        | 162.2        | 137.9        | 115.4        | 103.4        |
| 32,5°    | 258.5                        | 253.1       | 268.9       | 284.0       | 297.3      | 309.8 | 235.0        | 218.3        | 192.5        | 162.9        | 130.4        | 102.2        | 88.7         |
| 35,0°    | 241.8                        | 235.9       | 259.7       | 280.8       | 293.6      | 303.6 | 266.3        | 241.9        | 204.7        | 163.6        | 126.6        | 90.2         | 79.4         |
| 37,5°    | 221.5                        | 219.2       | 243.1       | 264.9       | 280.3      | 293.6 | 305.1        | 269.2        | 219.6        | 166.4        | 120.4        | 76.1         | 69.0         |
| 40,0°    | 201.6                        | 203.2       | 224.2       | 244.3       | 262.0      | 278.8 | 341.2        | 295.9        | 233.5        | 168.6        | 117.3        | 69.5         | 62.5         |
| 42,5°    | 194.5                        | 190.6       | 204.0       | 219.3       | 240.4      | 263.5 | 374.2        | 321.6        | 248.4        | 174.7        | 122.4        | 76.2         | 62.4         |
| 45,0°    | 183.0                        | 173.7       | 181.1       | 188.4       | 211.6      | 234.8 | 404.7        | 347.2        | 258.7        | 171.4        | 116.1        | 78.6         | 58.3         |
| 47,5°    | 166.4                        | 151.9       | 148.8       | 145.8       | 164.0      | 182.2 | 422.7        | 354.8        | 251.4        | 153.4        | 104.1        | 75.7         | 55.6         |
| 50,0°    | 143.4                        | 127.0       | 116.6       | 108.7       | 123.0      | 137.2 | 437.8        | 362.3        | 255.4        | 136.9        | 101.6        | 70.4         | 51.2         |
| 52,5°    | 109.5                        | 93.2        | 82.9        | 75.5        | 87.9       | 100.2 | 441.4        | 357.0        | 245.6        | 123.8        | 91.0         | 62.0         | 44.6         |
| 55,0°    | 83.7                         | 68.1        | 58.1        | 51.2        | 60.7       | 70.1  | 444.3        | 351.7        | 234.7        | 108.3        | 78.5         | 52.6         | 38.0         |
| 57,5°    | 69.7                         | 55.1        | 45.5        | 38.8        | 43.2       | 47.7  | 435.9        | 307.2        | 196.3        | 88.9         | 63.7         | 38.6         | 31.8         |
| 60,0°    | 55.7                         | 43.7        | 35.1        | 29.0        | 29.8       | 30.7  | 432.8        | 262.8        | 155.7        | 69.5         | 50.0         | 30.6         | 27.2         |
| 62,5°    | 45.8                         | 34.2        | 27.6        | 22.7        | 22.4       | 22.0  | 499.7        | 270.6        | 150.5        | 66.7         | 49.5         | 32.3         | 26.2         |
| 65,0°    | 33.9                         | 25.8        | 20.7        | 17.3        | 15.0       | 13.3  | 550.6        | 278.5        | 147.6        | 63.8         | 47.3         | 32.8         | 24.3         |
| 67,5°    | 23.9                         | 18.3        | 14.9        | 12.7        | 11.3       | 10.3  | 617.8        | 312.8        | 165.5        | 70.6         | 49.4         | 31.3         | 22.8         |
| 70,0°    | 15.0                         | 12.6        | 10.7        | 9.1         | 8.4        | 7.8   | 636.6        | 347.2        | 190.2        | 77.4         | 53.8         | 30.2         | 23.7         |
| 72,5°    | 11.1                         | 9.3         | 8.0         | 7.1         | 6.5        | 6.2   | 514.7        | 286.9        | 158.3        | 62.8         | 44.8         | 29.5         | 21.6         |
| 75,0°    | 8.2                          | 6.8         | 5.9         | 5.3         | 5.0        | 4.8   | 416.2        | 231.8        | 127.1        | 49.1         | 38.4         | 28.8         | 22.2         |
| 77,5°    | 6.4                          | 5.2         | 4.5         | 4.0         | 3.9        | 3.8   | 359.2        | 185.2        | 96.4         | 36.1         | 28.9         | 22.5         | 18.4         |
| 80,0°    | 4.7                          | 3.9         | 3.4         | 2.9         | 2.9        | 2.8   | 288.8        | 136.8        | 67.1         | 24.9         | 20.6         | 16.9         | 14.8         |
| 82,5°    | 3.7                          | 3.0         | 2.5         | 2.2         | 2.0        | 1.9   | 201.0        | 77.2         | 46.4         | 15.6         | 13.8         | 12.1         | 11.7         |
| 85,0°    | 2.6                          | 2.1         | 1.7         | 1.4         | 1.2        | 1.1   | 116.7        | 34.5         | 21.4         | 8.3          | 8.0          | 7.7          | 8.1          |
| 87,5°    | 1.0                          | 0.8         | 0.6         | 0.5         | 0.5        | 0.4   | 43.8         | 12.9         | 8.0          | 3.1          | 3.0          | 2.9          | 3.0          |
| 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          |
| 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>Streetlight 11 mini LED        | <b>Order number: 5XC2C41F08GE</b><br><b>EAN: 4058352558065</b> | <b>LP number</b><br>58290_31      |
| <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°     | 120.9                        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9        | 120.9 | 0.2                     | 0.2               |
| 2,5°     | 121.8                        | 120.9        | 120.1        | 119.4        | 118.5        | 117.2        | 115.8        | 115.0        | 114.5        | 114.5        | 114.5 | 1.5                     | 1.6               |
| 5,0°     | 122.2                        | 120.9        | 119.3        | 117.4        | 115.4        | 113.4        | 111.6        | 110.5        | 109.6        | 109.5        | 109.3 | 3.0                     | 4.6               |
| 7,5°     | 121.7                        | 118.7        | 115.9        | 113.2        | 110.9        | 109.7        | 108.9        | 107.8        | 106.8        | 106.3        | 106.0 | 4.7                     | 9.3               |
| 10,0°    | 121.2                        | 116.7        | 112.6        | 109.6        | 106.9        | 106.6        | 106.2        | 105.2        | 104.1        | 103.3        | 102.6 | 6.5                     | 15.9              |
| 12,5°    | 118.6                        | 117.2        | 115.1        | 110.4        | 105.1        | 100.6        | 96.6         | 93.4         | 90.8         | 89.2         | 88.0  | 8.4                     | 24.3              |
| 15,0°    | 116.0                        | 116.8        | 117.6        | 109.1        | 101.2        | 94.7         | 88.9         | 82.7         | 77.5         | 75.0         | 73.4  | 10.4                    | 34.7              |
| 17,5°    | 139.7                        | 125.7        | 112.7        | 102.6        | 94.6         | 89.1         | 84.7         | 80.1         | 75.7         | 74.2         | 72.8  | 12.7                    | 47.4              |
| 20,0°    | 163.4                        | 133.0        | 107.2        | 94.3         | 87.5         | 82.1         | 78.6         | 75.8         | 73.8         | 72.8         | 72.1  | 15.3                    | 62.7              |
| 22,5°    | 151.0                        | 124.6        | 101.5        | 87.2         | 78.1         | 72.7         | 69.9         | 67.8         | 66.4         | 66.1         | 65.9  | 17.9                    | 80.6              |
| 25,0°    | 135.4                        | 113.5        | 93.9         | 80.5         | 71.1         | 65.3         | 61.1         | 60.0         | 58.9         | 59.3         | 59.7  | 20.6                    | 101.1             |
| 27,5°    | 112.9                        | 97.6         | 82.4         | 74.1         | 68.4         | 63.2         | 58.5         | 58.2         | 57.9         | 58.1         | 58.4  | 23.2                    | 124.3             |
| 30,0°    | 94.4                         | 82.6         | 72.4         | 67.5         | 64.3         | 60.1         | 56.0         | 56.4         | 56.9         | 57.0         | 57.1  | 25.8                    | 150.2             |
| 32,5°    | 80.6                         | 71.7         | 64.5         | 60.2         | 57.4         | 55.6         | 54.2         | 53.9         | 53.6         | 52.6         | 51.5  | 28.4                    | 178.6             |
| 35,0°    | 69.6                         | 62.4         | 57.1         | 54.0         | 51.8         | 51.5         | 51.1         | 50.6         | 49.8         | 48.1         | 46.2  | 31.1                    | 209.7             |
| 37,5°    | 62.1                         | 55.8         | 49.6         | 49.0         | 48.3         | 47.0         | 45.4         | 45.3         | 45.2         | 43.0         | 40.7  | 33.7                    | 243.4             |
| 40,0°    | 55.7                         | 49.5         | 43.7         | 44.0         | 44.3         | 42.4         | 40.5         | 40.3         | 40.1         | 38.0         | 35.9  | 36.5                    | 279.9             |
| 42,5°    | 50.5                         | 44.3         | 40.1         | 39.7         | 39.3         | 37.9         | 36.4         | 34.7         | 33.2         | 32.4         | 31.9  | 40.2                    | 320.1             |
| 45,0°    | 45.5                         | 41.1         | 36.7         | 35.9         | 35.1         | 34.3         | 33.1         | 30.8         | 28.1         | 28.2         | 28.3  | 43.1                    | 363.3             |
| 47,5°    | 40.8                         | 37.2         | 33.6         | 32.5         | 31.4         | 31.1         | 30.9         | 28.2         | 25.4         | 25.3         | 25.1  | 44.7                    | 407.9             |
| 50,0°    | 36.2                         | 33.3         | 30.4         | 29.6         | 28.8         | 29.0         | 29.2         | 26.3         | 23.4         | 22.8         | 22.2  | 46.1                    | 454.0             |
| 52,5°    | 31.0                         | 28.9         | 26.9         | 27.4         | 27.8         | 28.0         | 28.1         | 25.0         | 22.2         | 20.7         | 19.7  | 46.9                    | 500.9             |
| 55,0°    | 27.2                         | 25.4         | 23.6         | 25.1         | 26.6         | 26.9         | 27.2         | 24.2         | 21.3         | 19.3         | 17.4  | 47.7                    | 548.7             |
| 57,5°    | 26.0                         | 22.8         | 20.6         | 23.0         | 25.1         | 26.0         | 26.6         | 23.8         | 21.0         | 18.3         | 15.6  | 48.6                    | 597.2             |
| 60,0°    | 24.0                         | 21.0         | 18.1         | 20.9         | 23.3         | 24.8         | 25.9         | 23.3         | 20.6         | 17.2         | 13.7  | 49.2                    | 646.5             |
| 62,5°    | 20.9                         | 18.1         | 16.2         | 18.7         | 21.2         | 21.9         | 22.5         | 20.6         | 18.5         | 16.0         | 13.4  | 49.9                    | 696.3             |
| 65,0°    | 17.8                         | 16.0         | 14.3         | 16.7         | 19.1         | 19.4         | 19.8         | 18.2         | 16.6         | 14.7         | 12.9  | 50.6                    | 746.9             |
| 67,5°    | 17.5                         | 15.6         | 13.7         | 15.6         | 17.2         | 18.1         | 18.7         | 16.9         | 15.1         | 13.7         | 12.4  | 52.1                    | 799.0             |
| 70,0°    | 17.3                         | 15.2         | 13.2         | 13.9         | 14.7         | 15.6         | 16.4         | 14.7         | 13.2         | 12.2         | 11.3  | 50.2                    | 849.2             |
| 72,5°    | 17.4                         | 14.6         | 13.1         | 11.9         | 10.9         | 11.5         | 12.1         | 11.3         | 10.6         | 10.1         | 9.8   | 41.2                    | 890.4             |
| 75,0°    | 17.5                         | 14.8         | 13.0         | 10.6         | 8.2          | 8.3          | 8.4          | 8.2          | 8.0          | 7.7          | 7.4   | 33.2                    | 923.6             |
| 77,5°    | 15.5                         | 13.1         | 11.1         | 9.0          | 6.9          | 6.2          | 5.6          | 5.2          | 5.0          | 3.9          | 2.9   | 27.2                    | 950.8             |
| 80,0°    | 13.3                         | 11.2         | 9.0          | 7.2          | 5.6          | 4.1          | 2.8          | 2.8          | 2.7          | 1.5          | 0.2   | 21.1                    | 971.9             |
| 82,5°    | 11.3                         | 8.7          | 6.5          | 5.1          | 4.0          | 2.9          | 1.9          | 1.7          | 1.6          | 0.9          | 0.2   | 15.2                    | 987.1             |
| 85,0°    | 8.4                          | 6.1          | 4.1          | 3.2          | 2.6          | 1.8          | 1.1          | 0.7          | 0.4          | 0.3          | 0.2   | 9.4                     | 996.5             |
| 87,5°    | 3.1                          | 2.3          | 1.6          | 1.2          | 1.0          | 0.7          | 0.4          | 0.3          | 0.2          | 0.2          | 0.1   | 3.5                     | 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>Streetlight 11 mini LED | <b>Order number: 5XC2C41F08GE</b><br><b>EAN: 4058352558065</b> | <b>LP number</b><br>58290_31 |
|--|--|------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 3150               | 22.7                  | 23.4                  | 23.0                  |
| 95              | 241                  | 252                       | 2989               | 21.6                  | 22.2                  | 21.9                  |
| 90              | 229                  | 250                       | 2840               | 20.5                  | 21.0                  | 20.8                  |
| 85              | 216                  | 248                       | 2679               | 19.3                  | 19.9                  | 19.6                  |
| 80              | 203                  | 246                       | 2518               | 18.2                  | 18.7                  | 18.4                  |
| 75              | 190                  | 243                       | 2356               | 17.0                  | 17.5                  | 17.2                  |
| 70              | 178                  | 241                       | 2207               | 15.9                  | 16.4                  | 16.2                  |
| 65              | 165                  | 238                       | 2046               | 14.9                  | 15.2                  | 15.0                  |
| 60              | 152                  | 235                       | 1885               | 13.7                  | 14.1                  | 13.9                  |
| 55              | 140                  | 232                       | 1736               | 12.7                  | 13.0                  | 12.8                  |
| 50              | 127                  | 229                       | 1575               | 11.6                  | 11.9                  | 11.8                  |
| 45              | 114                  | 225                       | 1414               | 10.5                  | 10.8                  | 10.6                  |
| 40              | 102                  | 221                       | 1265               | 9.5                   | 9.8                   | 9.6                   |
| 35              | 89                   | 216                       | 1104               | 8.4                   | 8.6                   | 8.5                   |
| 30              | 76                   | 210                       | 943                | 7.4                   | 7.5                   | 7.4                   |
| 25              | 63                   | 203                       | 781                | 6.4                   | 6.5                   | 6.4                   |
| 20              | 51                   | 195                       | 632                | 5.4                   | 5.5                   | 5.4                   |
| 18              | 45                   | 191                       | 558                | 5.0                   | 5.0                   | 5.0                   |