

## Photometric test report

**Family**  
**Streetlight 11 midi LED**

**Order number: 5XC3K51G08ME**  
**EAN: 4058352991954**

**LP number**  
**59598\_192**

**serial**  
**documentation**  
**07.01.2025**



**Version** post-top or side-entry mounting  
**Optic** asymmetric, extremely wide distribution with an additional rear light component (ST1.0P1.0)  
**Cover** transparent, PMMA  
**Lamps** LED 3000 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ - DALI2  
**Rated values** Net luminous flux = 17540 lm  
 Power consumption = 122.7 W  
 Luminous efficacy = 143 lm/W

**siteco**

**Luminous intensity in cd/klm**

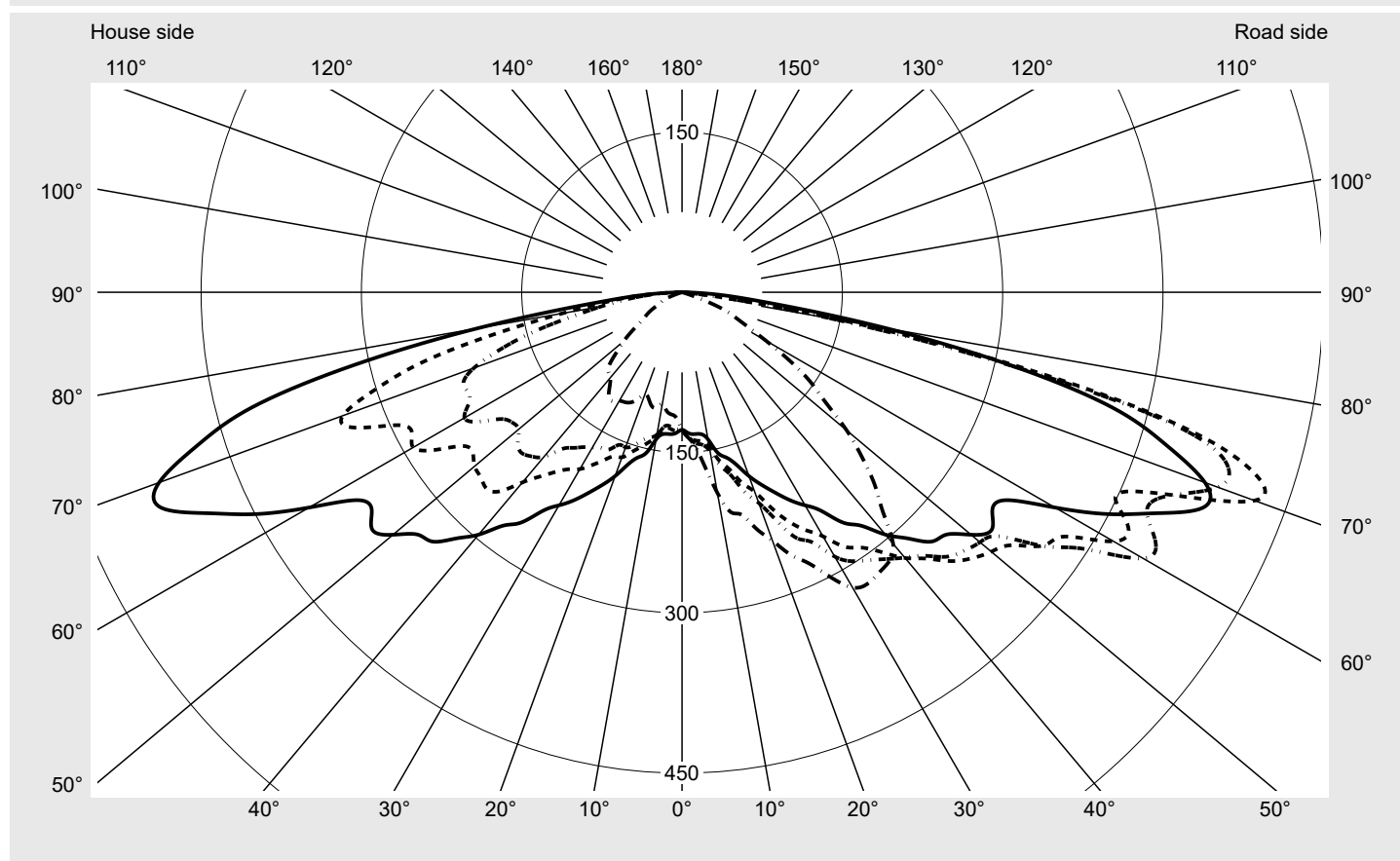
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 570 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:    | G1    |
| Imax 70°  | 570.0 |
| Imax 80°  | 194.2 |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

### Measurement conditions

DIN EN 13032 and DIN 5032

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**Streetlight 11 midi LED**

Order number: **5XC3K51G08ME**  
EAN: **4058352991954**

LP number  
**59598\_192**

Envelope curve in cd/klm

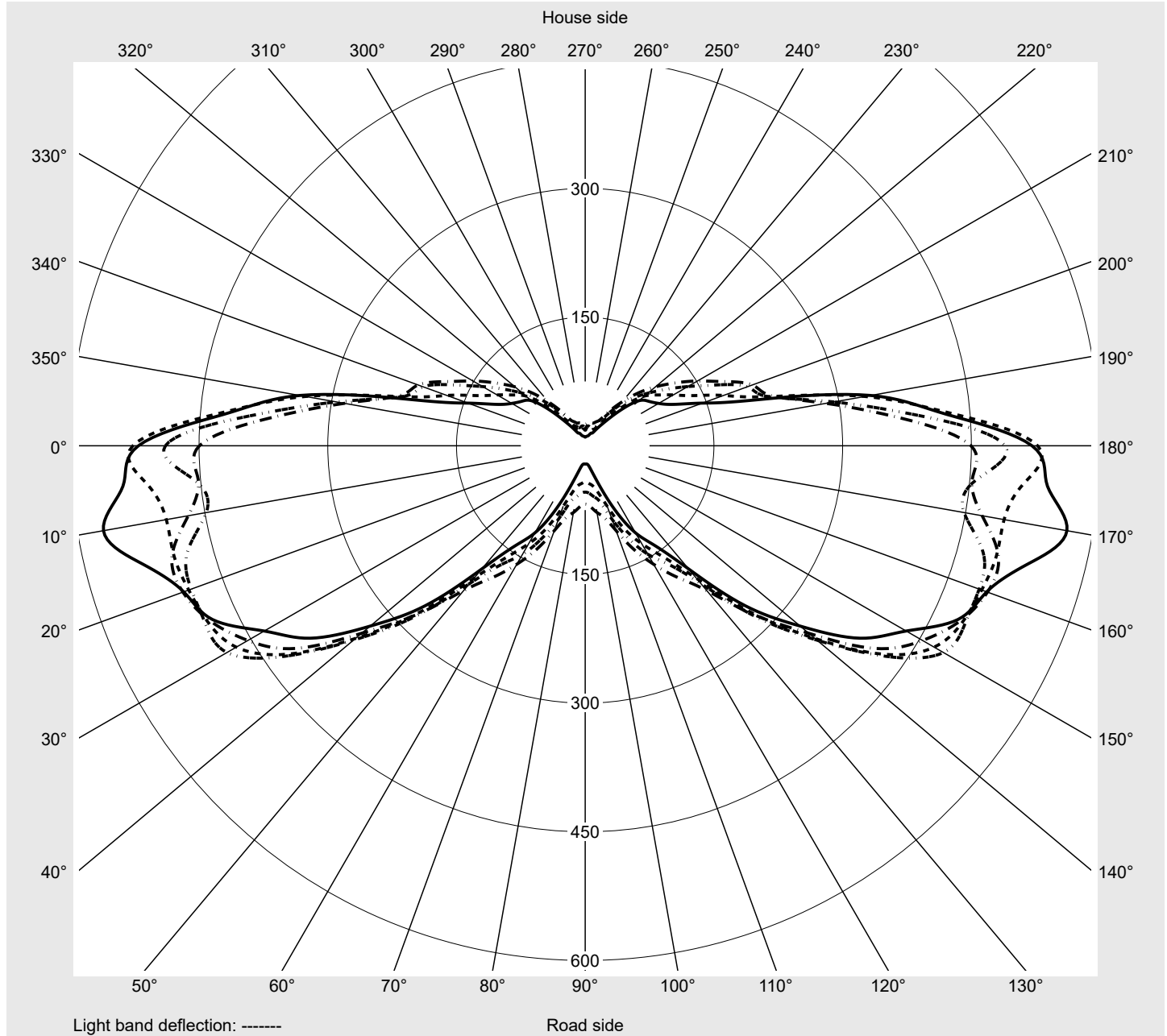
KMK 70°

KMK 67.5°

KMK 65°

KMK 62.5°

**siteco**



Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 11 midi LED | Order number: 5XC3K51G08ME<br>EAN: 4058352991954 | LP number<br>59598_192 |
|-----------------------------------|--------------------------------------------------|------------------------|

|                                          |                            |        |
|------------------------------------------|----------------------------|--------|
| Table of values for luminous intensities | Maximum luminous intensity | siteco |
|------------------------------------------|----------------------------|--------|

| 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°         | 128.8                        | 128.8      | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       | 128.8       |
| 2,5°         | 131.9                        | 133.0      | 133.9       | 134.9       | 136.1       | 137.0       | 137.6       | 138.2       | 138.4       | 138.5       | 138.6       | 138.7       | 138.2       |
| 5,0°         | 133.2                        | 136.1      | 139.1       | 141.6       | 143.8       | 145.8       | 147.7       | 148.9       | 150.0       | 150.6       | 150.8       | 149.9       | 149.1       |
| 7,5°         | 133.9                        | 136.7      | 140.4       | 143.9       | 148.1       | 152.1       | 155.7       | 158.2       | 158.9       | 158.6       | 158.4       | 158.4       | 159.6       |
| 10,0°        | 139.8                        | 141.8      | 146.6       | 151.1       | 155.9       | 160.4       | 164.9       | 168.7       | 170.8       | 173.0       | 175.3       | 176.7       | 178.6       |
| 12,5°        | 153.8                        | 157.6      | 161.6       | 166.2       | 169.1       | 171.2       | 176.1       | 181.5       | 186.9       | 191.6       | 196.8       | 199.1       | 199.2       |
| 15,0°        | 160.1                        | 165.4      | 171.7       | 177.5       | 183.0       | 187.6       | 191.5       | 195.4       | 200.4       | 206.8       | 214.2       | 217.9       | 218.8       |
| 17,5°        | 169.3                        | 178.0      | 187.1       | 196.4       | 203.5       | 208.6       | 212.0       | 216.7       | 220.7       | 218.5       | 217.9       | 222.6       | 227.4       |
| 20,0°        | 183.0                        | 191.6      | 198.6       | 209.8       | 221.5       | 227.3       | 234.2       | 244.4       | 249.0       | 244.2       | 236.4       | 234.3       | 238.0       |
| 22,5°        | 195.3                        | 207.5      | 218.4       | 231.4       | 244.2       | 251.9       | 258.2       | 267.9       | 272.6       | 262.1       | 253.0       | 252.2       | 253.5       |
| 25,0°        | 207.2                        | 222.0      | 236.9       | 253.8       | 268.0       | 277.5       | 283.2       | 287.7       | 288.4       | 275.0       | 267.2       | 267.5       | 267.1       |
| 27,5°        | 219.5                        | 234.3      | 251.0       | 263.8       | 277.1       | 288.5       | 297.3       | 298.5       | 295.3       | 286.3       | 280.2       | 275.6       | 280.0       |
| 30,0°        | 230.3                        | 247.6      | 263.8       | 285.6       | 293.7       | 300.0       | 305.9       | 307.8       | 305.7       | 298.8       | 293.0       | 289.9       | 294.2       |
| 32,5°        | 242.6                        | 261.6      | 282.3       | 298.4       | 304.0       | 314.0       | 318.4       | 317.2       | 318.5       | 315.8       | 308.8       | 304.6       | 308.6       |
| 35,0°        | 263.3                        | 275.9      | 291.7       | 306.0       | 312.3       | 319.0       | 312.7       | 316.6       | 318.1       | 316.0       | 314.1       | 310.6       | 312.4       |
| 37,5°        | 275.4                        | 291.3      | 306.4       | 314.7       | 315.0       | 318.9       | 317.9       | 321.2       | 320.4       | 314.5       | 312.7       | 306.2       | 307.9       |
| 40,0°        | 296.1                        | 313.6      | 324.7       | 324.1       | 320.8       | 324.9       | 322.6       | 320.2       | 320.4       | 311.0       | 304.3       | 302.3       | 300.5       |
| 42,5°        | 312.4                        | 321.4      | 338.0       | 334.4       | 334.0       | 338.3       | 336.0       | 329.2       | 317.9       | 310.9       | 306.3       | 302.6       | 296.3       |
| 45,0°        | 330.0                        | 336.5      | 355.8       | 350.0       | 339.1       | 343.8       | 341.2       | 333.1       | 324.1       | 318.3       | 303.0       | 288.9       | 283.3       |
| 47,5°        | 335.6                        | 350.0      | 368.3       | 358.1       | 351.4       | 357.2       | 351.5       | 334.1       | 325.6       | 321.8       | 297.9       | 269.4       | 267.7       |
| 50,0°        | 353.0                        | 372.9      | 377.7       | 364.0       | 346.4       | 357.3       | 356.7       | 346.4       | 324.5       | 308.7       | 286.4       | 263.1       | 245.6       |
| 52,5°        | 365.2                        | 381.4      | 388.9       | 375.2       | 352.6       | 361.6       | 360.7       | 335.6       | 312.7       | 291.9       | 264.5       | 237.7       | 218.9       |
| 55,0°        | 354.5                        | 386.7      | 413.1       | 414.4       | 387.7       | 377.5       | 376.0       | 352.6       | 321.7       | 279.8       | 234.7       | 214.6       | 196.8       |
| 57,5°        | 362.1                        | 390.7      | 425.4       | 447.3       | 428.7       | 416.3       | 395.6       | 369.7       | 324.7       | 270.0       | 225.0       | 198.9       | 184.3       |
| 60,0°        | 402.9                        | 425.8      | 466.2       | 498.1       | 480.2       | 457.1       | 421.3       | 382.8       | 330.9       | 266.1       | 224.8       | 197.9       | 175.4       |
| 62,5°        | 449.6                        | 452.7      | 469.7       | 498.5       | 498.9       | 482.6       | 453.9       | 411.9       | 340.0       | 278.7       | 220.4       | 187.2       | 159.5       |
| 65,0°        | 489.3                        | 457.3      | 448.4       | 480.1       | 488.6       | 488.8       | 482.0       | 428.0       | 352.5       | 282.5       | 209.7       | 168.4       | 146.0       |
| 67,5°        | 527.2                        | 512.5      | 495.7       | 496.1       | 491.7       | 485.4       | 469.5       | 423.6       | 349.4       | 276.2       | 201.9       | 157.9       | 131.9       |
| 70,0°        | 520.7                        | 540.8      | 570.0       | 533.5       | 497.9       | 479.3       | 431.9       | 391.1       | 327.0       | 263.8       | 187.4       | 142.4       | 117.2       |
| 72,5°        | 474.8                        | 514.1      | 560.7       | 534.5       | 496.0       | 445.7       | 379.7       | 338.9       | 300.1       | 256.8       | 180.0       | 96.8        | 59.1        |
| 75,0°        | 416.9                        | 459.0      | 481.8       | 473.4       | 430.7       | 360.9       | 291.7       | 269.6       | 241.5       | 167.7       | 78.6        | 26.6        | 9.3         |
| 77,5°        | 313.8                        | 328.3      | 326.2       | 309.8       | 269.3       | 236.0       | 197.5       | 154.9       | 90.6        | 32.8        | 9.1         | 2.3         | 1.7         |
| 80,0°        | 194.2                        | 175.7      | 157.7       | 141.7       | 116.5       | 99.5        | 70.8        | 31.3        | 8.5         | 2.8         | 2.3         | 1.8         | 1.4         |
| 82,5°        | 95.9                         | 70.3       | 42.3        | 38.2        | 31.5        | 21.9        | 9.0         | 2.9         | 2.8         | 2.2         | 1.6         | 1.3         | 1.0         |
| 85,0°        | 49.2                         | 29.2       | 8.7         | 5.4         | 2.2         | 2.1         | 1.9         | 2.0         | 2.1         | 1.5         | 1.0         | 0.8         | 0.7         |
| 87,5°        | 18.5                         | 10.9       | 3.2         | 2.0         | 0.8         | 0.7         | 0.7         | 0.8         | 0.8         | 0.6         | 0.4         | 0.3         | 0.2         |
| 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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|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
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|-----------------------------------|--------------------------------------------------|------------------------|

|                                          |                            |        |
|------------------------------------------|----------------------------|--------|
| 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°         | 128.8                        | 128.8       | 128.8       | 128.8       | 128.8      | 128.8 | 128.8        | 128.8        | 128.8        | 128.8        | 128.8        | 128.8        | 128.8        |
| 2,5°         | 137.7                        | 137.2       | 137.2       | 137.0       | 136.7      | 136.4 | 130.8        | 129.7        | 128.3        | 126.9        | 125.9        | 124.4        | 123.5        |
| 5,0°         | 148.3                        | 147.5       | 146.3       | 145.6       | 145.6      | 145.4 | 130.9        | 128.1        | 126.1        | 124.4        | 122.6        | 121.0        | 119.5        |
| 7,5°         | 160.9                        | 161.8       | 162.9       | 164.0       | 164.5      | 164.8 | 130.9        | 128.5        | 126.8        | 125.1        | 123.6        | 122.3        | 120.5        |
| 10,0°        | 180.6                        | 182.9       | 186.2       | 188.2       | 190.4      | 190.8 | 138.1        | 137.2        | 135.4        | 132.7        | 129.7        | 126.8        | 124.0        |
| 12,5°        | 199.8                        | 201.5       | 202.2       | 205.9       | 209.2      | 210.7 | 149.3        | 143.8        | 139.4        | 135.0        | 131.8        | 129.6        | 127.7        |
| 15,0°        | 219.8                        | 218.8       | 218.2       | 217.9       | 216.3      | 215.6 | 155.6        | 150.2        | 143.5        | 137.8        | 133.9        | 129.6        | 126.2        |
| 17,5°        | 230.2                        | 230.9       | 232.8       | 233.2       | 232.6      | 232.4 | 163.3        | 156.9        | 150.2        | 143.0        | 135.9        | 130.7        | 126.6        |
| 20,0°        | 242.6                        | 246.6       | 249.9       | 249.0       | 246.1      | 247.5 | 173.5        | 164.3        | 154.4        | 145.3        | 137.7        | 132.8        | 128.9        |
| 22,5°        | 257.9                        | 263.1       | 267.9       | 267.8       | 266.8      | 266.0 | 178.1        | 166.0        | 154.6        | 146.4        | 141.2        | 135.6        | 129.1        |
| 25,0°        | 272.5                        | 275.2       | 278.1       | 279.7       | 279.5      | 279.7 | 187.9        | 173.5        | 162.5        | 150.1        | 141.7        | 135.9        | 130.3        |
| 27,5°        | 283.9                        | 288.0       | 292.7       | 298.1       | 303.2      | 300.4 | 200.3        | 182.4        | 164.2        | 149.2        | 141.3        | 133.5        | 125.9        |
| 30,0°        | 295.7                        | 298.8       | 307.9       | 315.1       | 320.1      | 319.1 | 210.1        | 191.1        | 167.7        | 152.1        | 139.7        | 128.9        | 122.5        |
| 32,5°        | 309.5                        | 307.7       | 316.0       | 326.8       | 326.3      | 323.3 | 221.8        | 196.4        | 171.9        | 154.5        | 141.3        | 130.6        | 126.1        |
| 35,0°        | 315.7                        | 316.0       | 319.8       | 329.7       | 328.2      | 320.8 | 234.9        | 205.0        | 177.8        | 157.2        | 143.5        | 133.8        | 130.0        |
| 37,5°        | 311.4                        | 314.7       | 321.6       | 323.8       | 321.7      | 318.0 | 246.6        | 217.1        | 185.1        | 162.6        | 146.2        | 137.4        | 132.5        |
| 40,0°        | 300.4                        | 304.0       | 306.6       | 307.6       | 305.8      | 307.3 | 259.9        | 232.3        | 200.9        | 175.1        | 157.1        | 142.7        | 133.5        |
| 42,5°        | 298.0                        | 296.3       | 284.8       | 282.1       | 279.3      | 277.9 | 281.6        | 252.7        | 208.4        | 183.7        | 165.0        | 147.9        | 135.8        |
| 45,0°        | 283.3                        | 277.6       | 270.5       | 266.3       | 258.8      | 255.0 | 299.2        | 259.3        | 212.5        | 186.0        | 171.9        | 155.0        | 138.5        |
| 47,5°        | 262.9                        | 249.5       | 240.4       | 236.4       | 228.4      | 228.4 | 300.4        | 255.8        | 208.4        | 188.7        | 177.3        | 160.7        | 142.4        |
| 50,0°        | 234.0                        | 222.6       | 216.2       | 207.1       | 200.1      | 201.1 | 306.5        | 253.4        | 199.5        | 191.1        | 179.4        | 162.1        | 144.7        |
| 52,5°        | 207.5                        | 199.9       | 191.1       | 174.9       | 169.1      | 169.4 | 305.8        | 246.8        | 200.2        | 194.8        | 177.6        | 161.3        | 145.3        |
| 55,0°        | 184.4                        | 174.4       | 163.3       | 144.6       | 142.5      | 147.3 | 302.3        | 250.8        | 206.9        | 197.2        | 177.1        | 159.9        | 146.1        |
| 57,5°        | 166.8                        | 145.7       | 129.4       | 122.9       | 119.5      | 120.1 | 318.9        | 274.7        | 225.3        | 205.6        | 178.7        | 157.4        | 140.5        |
| 60,0°        | 148.4                        | 123.1       | 105.4       | 100.4       | 94.6       | 90.6  | 338.6        | 290.5        | 235.0        | 212.7        | 183.3        | 157.2        | 139.9        |
| 62,5°        | 132.7                        | 105.2       | 86.9        | 79.0        | 71.3       | 68.1  | 369.5        | 284.9        | 224.8        | 207.3        | 177.2        | 151.1        | 127.7        |
| 65,0°        | 118.8                        | 91.0        | 68.2        | 60.6        | 55.7       | 54.1  | 394.7        | 294.3        | 220.9        | 201.1        | 167.7        | 138.1        | 114.8        |
| 67,5°        | 105.6                        | 75.0        | 55.4        | 46.9        | 43.9       | 41.9  | 429.6        | 331.1        | 221.4        | 171.6        | 138.4        | 118.6        | 103.3        |
| 70,0°        | 83.4                         | 50.6        | 32.2        | 23.8        | 21.4       | 21.3  | 422.2        | 337.8        | 207.2        | 145.4        | 114.2        | 98.8         | 90.4         |
| 72,5°        | 32.1                         | 14.6        | 8.3         | 5.7         | 5.1        | 5.0   | 382.4        | 299.4        | 178.7        | 119.1        | 97.5         | 79.5         | 74.4         |
| 75,0°        | 2.7                          | 2.1         | 2.0         | 2.0         | 1.9        | 1.8   | 322.7        | 249.4        | 144.9        | 97.8         | 82.2         | 66.0         | 59.2         |
| 77,5°        | 1.6                          | 1.4         | 1.3         | 1.2         | 1.0        | 0.7   | 239.4        | 177.2        | 106.3        | 78.7         | 65.8         | 54.4         | 41.8         |
| 80,0°        | 1.0                          | 0.7         | 0.7         | 0.7         | 0.4        | 0.1   | 150.4        | 113.6        | 77.2         | 57.2         | 47.9         | 37.8         | 23.0         |
| 82,5°        | 0.7                          | 0.5         | 0.4         | 0.4         | 0.2        | 0.1   | 85.5         | 73.4         | 53.9         | 34.9         | 29.6         | 23.5         | 15.1         |
| 85,0°        | 0.5                          | 0.3         | 0.2         | 0.1         | 0.1        | 0.1   | 48.1         | 46.3         | 33.0         | 19.7         | 17.2         | 14.4         | 9.3          |
| 87,5°        | 0.2                          | 0.1         | 0.1         | 0.1         | 0.0        | 0.0   | 18.1         | 17.4         | 12.4         | 7.4          | 6.4          | 5.3          | 3.6          |
| 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                                   |                              |              |              | Order number: 5XC3K51G08ME |              |              |              |              |              |              |       | LP number                  |                   |        |  |
|------------------------------------------|------------------------------|--------------|--------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|--|
| Streetlight 11 midi LED                  |                              |              |              | EAN: 4058352991954         |              |              |              |              |              |              |       | 59598_192                  |                   |        |  |
| Table of values for luminous intensities |                              |              |              |                            |              |              |              |              |              |              |       | Maximum luminous intensity |                   | sīteco |  |
| 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°                                     | 128.8                        | 128.8        | 128.8        | 128.8                      | 128.8        | 128.8        | 128.8        | 128.8        | 128.8        | 128.8        | 128.8 | 0.2                        | 0.2               |        |  |
| 2,5°                                     | 122.4                        | 121.5        | 120.2        | 119.6                      | 119.4        | 118.7        | 118.3        | 117.8        | 117.9        | 117.9        | 117.9 | 1.6                        | 1.7               |        |  |
| 5,0°                                     | 117.9                        | 116.6        | 116.0        | 115.3                      | 114.9        | 114.6        | 114.4        | 114.6        | 115.2        | 115.0        | 114.8 | 3.2                        | 4.9               |        |  |
| 7,5°                                     | 119.1                        | 117.8        | 115.7        | 114.3                      | 112.7        | 111.5        | 111.0        | 110.9        | 111.1        | 111.7        | 111.7 | 4.9                        | 9.8               |        |  |
| 10,0°                                    | 121.6                        | 120.1        | 119.5        | 118.7                      | 117.4        | 116.3        | 114.5        | 112.3        | 108.7        | 107.1        | 106.2 | 7.0                        | 16.8              |        |  |
| 12,5°                                    | 125.5                        | 122.9        | 121.0        | 120.2                      | 118.7        | 117.1        | 115.3        | 113.3        | 112.0        | 110.9        | 110.5 | 9.3                        | 26.0              |        |  |
| 15,0°                                    | 124.2                        | 122.7        | 120.5        | 118.0                      | 115.4        | 113.9        | 112.4        | 111.3        | 110.7        | 110.1        | 110.0 | 11.6                       | 37.6              |        |  |
| 17,5°                                    | 123.9                        | 121.5        | 119.1        | 116.9                      | 114.8        | 111.9        | 108.9        | 107.5        | 106.5        | 105.1        | 104.2 | 14.1                       | 51.7              |        |  |
| 20,0°                                    | 124.1                        | 122.5        | 120.7        | 118.6                      | 117.5        | 115.2        | 111.1        | 107.0        | 103.9        | 102.5        | 101.6 | 16.9                       | 68.6              |        |  |
| 22,5°                                    | 124.4                        | 120.3        | 118.9        | 118.7                      | 118.8        | 115.4        | 113.0        | 112.5        | 110.9        | 109.1        | 108.4 | 20.1                       | 88.7              |        |  |
| 25,0°                                    | 124.3                        | 120.2        | 118.2        | 117.8                      | 115.8        | 112.2        | 110.6        | 111.5        | 111.5        | 112.6        | 113.8 | 23.2                       | 112.0             |        |  |
| 27,5°                                    | 123.7                        | 123.0        | 121.3        | 119.2                      | 115.2        | 112.4        | 110.5        | 111.7        | 113.6        | 113.8        | 115.9 | 26.3                       | 138.3             |        |  |
| 30,0°                                    | 121.6                        | 121.9        | 120.2        | 115.1                      | 112.8        | 112.3        | 111.8        | 112.9        | 112.4        | 114.0        | 117.3 | 29.5                       | 167.7             |        |  |
| 32,5°                                    | 125.1                        | 122.2        | 119.6        | 113.5                      | 109.6        | 106.8        | 103.3        | 106.8        | 111.0        | 115.6        | 120.7 | 32.6                       | 200.4             |        |  |
| 35,0°                                    | 128.0                        | 123.4        | 116.6        | 109.8                      | 104.3        | 99.9         | 95.3         | 100.0        | 109.5        | 115.6        | 119.4 | 35.3                       | 235.7             |        |  |
| 37,5°                                    | 127.2                        | 121.8        | 115.0        | 105.6                      | 95.1         | 94.1         | 93.7         | 97.8         | 102.8        | 107.4        | 111.2 | 37.6                       | 273.3             |        |  |
| 40,0°                                    | 127.0                        | 119.2        | 110.8        | 98.8                       | 86.1         | 85.8         | 87.6         | 94.0         | 99.0         | 101.6        | 104.4 | 39.8                       | 313.1             |        |  |
| 42,5°                                    | 126.5                        | 116.2        | 102.2        | 93.8                       | 85.0         | 84.4         | 84.3         | 88.1         | 92.1         | 96.6         | 101.7 | 41.9                       | 355.0             |        |  |
| 45,0°                                    | 127.2                        | 113.3        | 98.3         | 89.8                       | 85.8         | 80.5         | 81.0         | 85.7         | 84.0         | 88.6         | 96.2  | 43.8                       | 398.8             |        |  |
| 47,5°                                    | 124.6                        | 107.3        | 92.8         | 84.4                       | 77.3         | 73.3         | 72.7         | 73.3         | 71.2         | 75.2         | 83.0  | 44.6                       | 443.5             |        |  |
| 50,0°                                    | 127.2                        | 104.6        | 86.2         | 80.1                       | 74.0         | 67.2         | 64.2         | 63.3         | 61.4         | 65.6         | 71.3  | 45.2                       | 488.7             |        |  |
| 52,5°                                    | 131.5                        | 105.6        | 81.7         | 72.0                       | 65.7         | 58.4         | 53.3         | 51.7         | 51.6         | 55.0         | 57.6  | 45.1                       | 533.7             |        |  |
| 55,0°                                    | 129.7                        | 103.0        | 79.2         | 65.7                       | 56.6         | 50.0         | 45.3         | 43.1         | 41.2         | 43.2         | 45.4  | 45.6                       | 579.4             |        |  |
| 57,5°                                    | 125.5                        | 98.5         | 74.0         | 59.0                       | 49.1         | 43.6         | 39.6         | 37.7         | 36.7         | 38.4         | 39.2  | 46.9                       | 626.3             |        |  |
| 60,0°                                    | 122.3                        | 95.6         | 68.9         | 52.1                       | 41.7         | 36.0         | 34.1         | 32.4         | 31.1         | 31.8         | 32.9  | 49.2                       | 675.5             |        |  |
| 62,5°                                    | 107.0                        | 86.8         | 66.7         | 49.3                       | 35.5         | 31.0         | 28.2         | 27.6         | 26.8         | 26.0         | 25.1  | 50.3                       | 725.9             |        |  |
| 65,0°                                    | 95.4                         | 78.6         | 60.9         | 43.7                       | 28.4         | 25.2         | 22.6         | 22.3         | 23.3         | 22.9         | 21.2  | 50.4                       | 776.3             |        |  |
| 67,5°                                    | 90.2                         | 68.6         | 47.9         | 33.9                       | 23.5         | 21.0         | 18.2         | 17.6         | 19.2         | 19.3         | 18.2  | 51.0                       | 827.3             |        |  |
| 70,0°                                    | 81.7                         | 59.6         | 38.0         | 25.4                       | 17.6         | 16.3         | 13.6         | 11.9         | 11.3         | 10.7         | 10.1  | 49.6                       | 876.9             |        |  |
| 72,5°                                    | 66.1                         | 47.7         | 29.7         | 17.2                       | 8.9          | 7.4          | 5.5          | 4.0          | 3.2          | 2.9          | 2.7   | 44.5                       | 921.4             |        |  |
| 75,0°                                    | 49.4                         | 32.6         | 13.5         | 7.1                        | 3.1          | 2.2          | 1.7          | 1.5          | 1.4          | 1.3          | 1.2   | 35.7                       | 957.1             |        |  |
| 77,5°                                    | 29.2                         | 15.6         | 5.4          | 3.3                        | 2.0          | 1.6          | 1.3          | 1.1          | 1.0          | 1.0          | 0.9   | 23.1                       | 980.2             |        |  |
| 80,0°                                    | 11.2                         | 5.9          | 2.9          | 2.2                        | 1.5          | 1.2          | 1.0          | 0.8          | 0.7          | 0.7          | 0.7   | 11.6                       | 991.8             |        |  |
| 82,5°                                    | 7.7                          | 4.3          | 2.2          | 1.7                        | 1.2          | 0.9          | 0.8          | 0.6          | 0.5          | 0.5          | 0.5   | 5.0                        | 996.8             |        |  |
| 85,0°                                    | 4.8                          | 2.8          | 1.4          | 1.1                        | 0.8          | 0.7          | 0.5          | 0.4          | 0.4          | 0.3          | 0.3   | 2.3                        | 999.1             |        |  |
| 87,5°                                    | 1.8                          | 1.0          | 0.5          | 0.4                        | 0.3          | 0.2          | 0.2          | 0.2          | 0.1          | 0.1          | 0.1   | 0.9                        | 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

|                                   |                                                  |                                 |
|-----------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Streetlight 11 midi LED | Order number: 5XC3K51G08ME<br>EAN: 4058352991954 | LP number<br>59598_192          |
| Dimming levels table              |                                                  | environmental temperature: 25°C |
|                                   |                                                  | siteco                          |

| Luminous flux<br>% | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|-----------------------------------------------|---------------------------------------------|-------------------------------------|
| 100                | 254                     | 254                          | 17540                 | 122.7                                         | 130.2                                       | 126.4                               |
| 95                 | 241                     | 252                          | 16642                 | 115.1                                         | 122.2                                       | 118.6                               |
| 90                 | 229                     | 250                          | 15814                 | 108.3                                         | 114.8                                       | 111.6                               |
| 85                 | 216                     | 248                          | 14916                 | 101.2                                         | 107.2                                       | 104.2                               |
| 80                 | 203                     | 246                          | 14018                 | 94.2                                          | 99.8                                        | 97.0                                |
| 75                 | 190                     | 243                          | 13120                 | 87.4                                          | 92.6                                        | 90.0                                |
| 70                 | 178                     | 241                          | 12292                 | 81.3                                          | 86.1                                        | 83.7                                |
| 65                 | 165                     | 238                          | 11394                 | 74.7                                          | 79.2                                        | 77.0                                |
| 60                 | 152                     | 235                          | 10496                 | 68.3                                          | 72.3                                        | 70.3                                |
| 55                 | 140                     | 232                          | 9668                  | 62.5                                          | 66.2                                        | 64.4                                |
| 50                 | 127                     | 229                          | 8770                  | 56.1                                          | 59.6                                        | 57.8                                |
| 45                 | 114                     | 225                          | 7872                  | 50.0                                          | 53.0                                        | 51.5                                |
| 40                 | 102                     | 221                          | 7044                  | 44.5                                          | 47.1                                        | 45.8                                |
| 35                 | 89                      | 216                          | 6146                  | 38.7                                          | 40.9                                        | 39.8                                |
| 30                 | 76                      | 210                          | 5248                  | 32.9                                          | 34.7                                        | 33.8                                |
| 25                 | 63                      | 203                          | 4350                  | 27.2                                          | 28.8                                        | 28.0                                |
| 20                 | 51                      | 195                          | 3522                  | 22.1                                          | 23.3                                        | 22.7                                |
| 15                 | 38                      | 184                          | 2624                  | 16.7                                          | 17.5                                        | 17.1                                |
| 13                 | 33                      | 179                          | 2279                  | 14.7                                          | 15.4                                        | 15.0                                |