

## Photometric test report

### Family Streetlight 11 micro LED

**Order number: 5XC1NC1F08CE**  
**EAN: 4069025076458**

**LP number**  
**59457\_409**



|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| <b>Version</b>      | post-top or side-entry mounting                                                             |
| <b>Optic</b>        | asymmetric, extreme wide distribution with Back Light Control (ST1.0aB)                     |
| <b>Cover</b>        | transparent, PMMA                                                                           |
| <b>Lamps</b>        | LED 3000 K   CRI ≥ 70                                                                       |
| <b>Controlgear</b>  | ECG SITECO iQ                                                                               |
| <b>Setting</b>      | factory setting                                                                             |
| <b>Rated values</b> | Net luminous flux = 1500 lm<br>Power consumption = 13.8 W<br>Luminous efficacy = 108.7 lm/W |

**serial**  
**documentation**  
**23.01.2025**

**siteco**

**Luminous intensity in cd/klm**

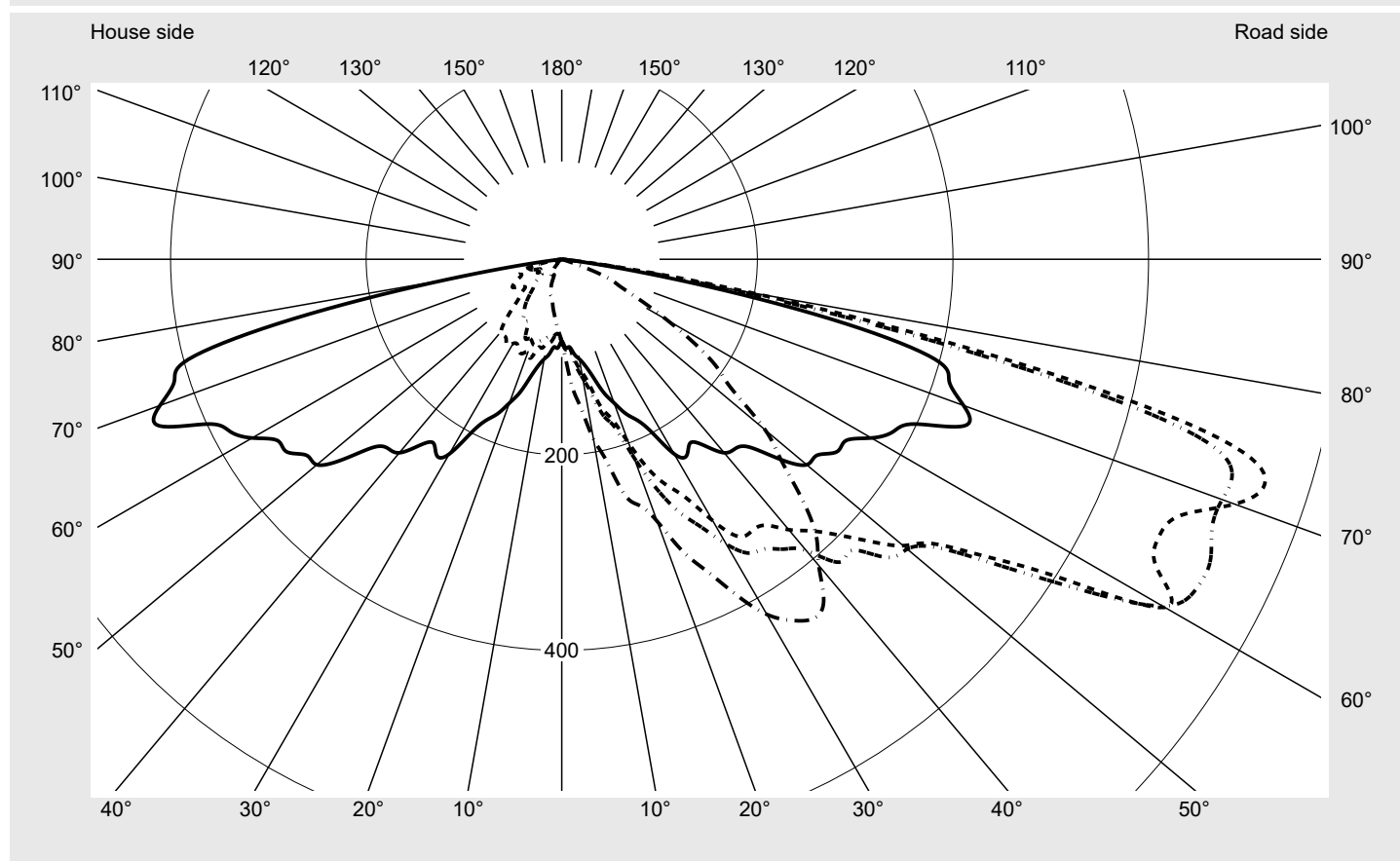
**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 754 cd/klm**



#### Luminaire output ratios

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

#### Measurement conditions

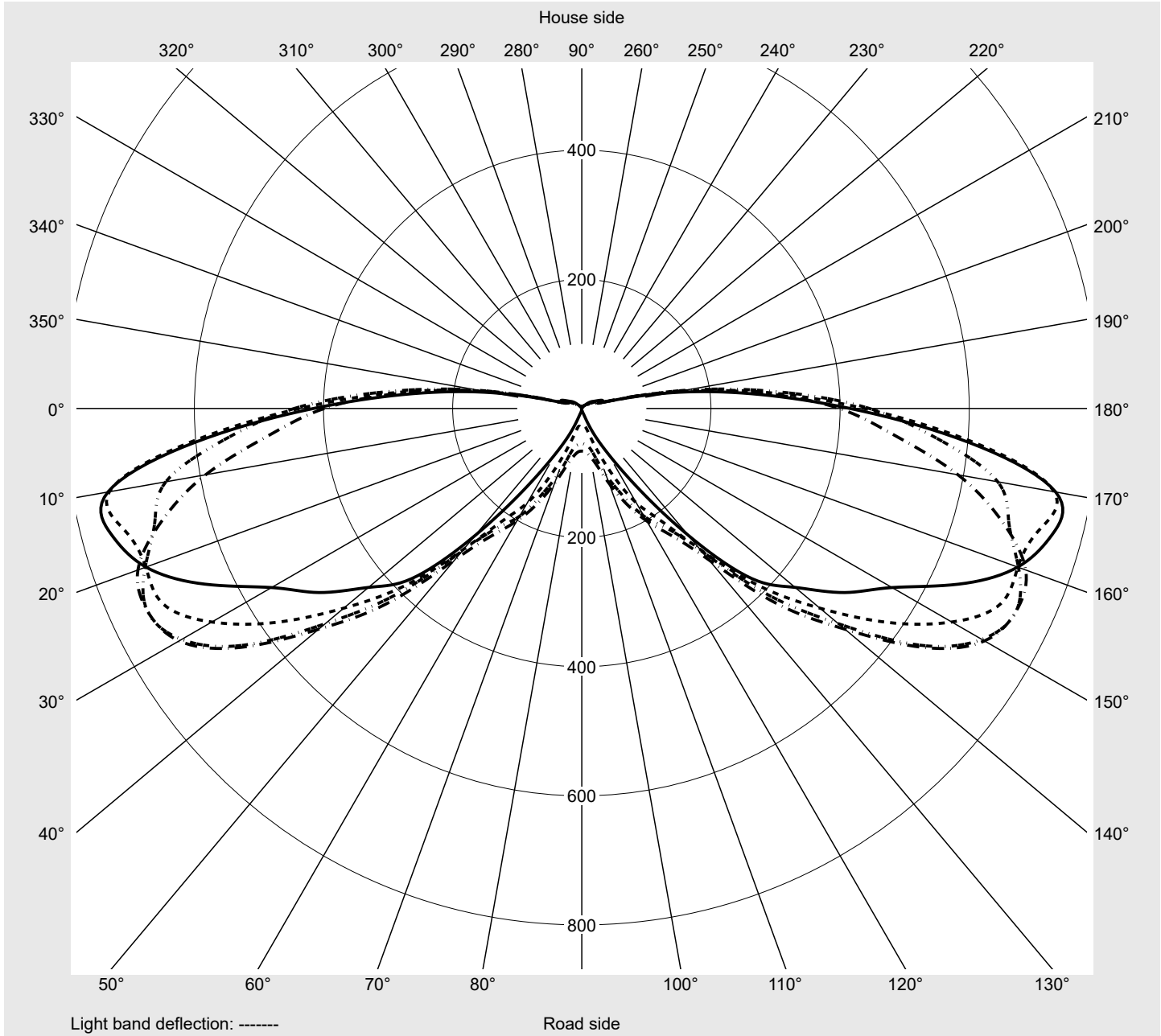
DIN EN 13032 and DIN 5032

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

|           |       |
|-----------|-------|
| Class:    | G1    |
| Imax 70°  | 742.9 |
| Imax 80°  | 194.9 |
| 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: 5XC1NC1F08CE</b><br><b>EAN: 4069025076458</b> | <b>LP number</b><br><b>59457_409</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>sit</div> <div>eco</div>        |



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|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 11 micro LED       | Order number: 5XC1NC1F08CE<br>EAN: 4069025076458 | LP number<br>59457_409     |
| 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°         | 83.9                         | 83.9       | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        | 83.9        |
| 2,5°         | 90.7                         | 90.4       | 89.6        | 89.6        | 92.6        | 95.8        | 96.7        | 97.7        | 98.9        | 99.7        | 99.4        | 98.3        | 98.9        |
| 5,0°         | 90.1                         | 90.9       | 91.0        | 90.8        | 93.4        | 99.4        | 105.1       | 110.0       | 112.1       | 113.3       | 116.6       | 120.2       | 123.6       |
| 7,5°         | 97.8                         | 100.7      | 102.4       | 105.0       | 109.4       | 114.0       | 119.6       | 126.7       | 130.4       | 132.5       | 135.6       | 139.9       | 145.0       |
| 10,0°        | 103.6                        | 106.4      | 110.5       | 116.9       | 123.4       | 128.7       | 132.7       | 139.3       | 141.8       | 143.6       | 147.6       | 151.3       | 157.4       |
| 12,5°        | 111.8                        | 117.3      | 123.2       | 132.2       | 141.1       | 147.9       | 152.1       | 158.1       | 165.3       | 172.9       | 180.1       | 185.3       | 193.8       |
| 15,0°        | 125.2                        | 133.6      | 145.8       | 157.3       | 166.0       | 174.5       | 179.6       | 187.6       | 195.8       | 203.8       | 214.1       | 219.5       | 222.2       |
| 17,5°        | 143.2                        | 155.5      | 164.5       | 171.9       | 180.0       | 189.8       | 197.5       | 200.1       | 207.5       | 218.4       | 228.9       | 237.2       | 238.4       |
| 20,0°        | 156.4                        | 173.2      | 183.5       | 200.0       | 215.7       | 230.8       | 239.2       | 240.9       | 243.5       | 246.5       | 255.5       | 265.9       | 271.5       |
| 22,5°        | 170.8                        | 187.0      | 210.2       | 232.7       | 254.6       | 270.3       | 278.3       | 280.9       | 284.4       | 287.3       | 295.1       | 302.1       | 306.7       |
| 25,0°        | 181.3                        | 201.9      | 229.5       | 255.3       | 285.9       | 298.3       | 297.6       | 301.1       | 310.9       | 320.5       | 327.1       | 336.2       | 345.9       |
| 27,5°        | 199.6                        | 223.0      | 249.0       | 275.0       | 308.8       | 330.8       | 334.2       | 332.9       | 340.4       | 347.8       | 346.0       | 350.2       | 361.3       |
| 30,0°        | 229.9                        | 263.1      | 284.9       | 308.6       | 336.3       | 357.1       | 363.1       | 360.8       | 363.2       | 367.2       | 369.3       | 373.6       | 377.3       |
| 32,5°        | 237.9                        | 268.2      | 303.2       | 336.2       | 356.3       | 370.3       | 380.8       | 388.7       | 395.3       | 396.8       | 395.5       | 398.8       | 401.1       |
| 35,0°        | 229.2                        | 258.8      | 302.6       | 339.1       | 361.7       | 384.4       | 397.9       | 409.4       | 417.6       | 415.7       | 411.6       | 408.9       | 410.5       |
| 37,5°        | 240.5                        | 269.2      | 303.8       | 342.9       | 373.6       | 395.9       | 415.8       | 429.1       | 425.2       | 416.6       | 408.2       | 393.8       | 398.7       |
| 40,0°        | 258.4                        | 286.2      | 322.8       | 361.1       | 388.8       | 409.4       | 426.1       | 433.8       | 426.7       | 417.1       | 404.6       | 397.1       | 398.3       |
| 42,5°        | 262.6                        | 307.8      | 341.9       | 376.7       | 420.2       | 432.6       | 432.9       | 449.5       | 450.5       | 420.8       | 402.7       | 394.6       | 390.9       |
| 45,0°        | 271.8                        | 332.1      | 375.9       | 398.6       | 420.7       | 449.8       | 466.6       | 471.6       | 458.9       | 428.9       | 404.4       | 386.4       | 378.1       |
| 47,5°        | 302.7                        | 373.9      | 405.2       | 426.9       | 451.5       | 472.8       | 491.1       | 480.4       | 458.4       | 436.1       | 412.4       | 380.6       | 357.9       |
| 50,0°        | 327.0                        | 400.8      | 432.0       | 455.7       | 461.1       | 473.9       | 487.7       | 483.4       | 462.4       | 434.6       | 408.1       | 362.7       | 325.3       |
| 52,5°        | 329.2                        | 407.3      | 456.4       | 477.7       | 484.5       | 499.6       | 505.3       | 497.0       | 463.5       | 423.3       | 381.5       | 334.3       | 311.5       |
| 55,0°        | 343.4                        | 414.5      | 489.4       | 530.3       | 545.3       | 562.1       | 551.7       | 525.4       | 475.1       | 419.2       | 362.9       | 303.1       | 278.0       |
| 57,5°        | 344.9                        | 447.4      | 527.2       | 608.8       | 628.7       | 618.3       | 599.7       | 560.8       | 488.5       | 413.0       | 343.5       | 277.3       | 248.3       |
| 60,0°        | 365.5                        | 499.4      | 616.7       | 712.2       | 709.4       | 673.8       | 648.7       | 595.7       | 500.0       | 408.6       | 330.9       | 277.1       | 243.0       |
| 62,5°        | 382.0                        | 492.2      | 604.2       | 686.5       | 731.0       | 714.9       | 688.2       | 618.4       | 525.8       | 415.5       | 317.6       | 258.9       | 222.0       |
| 65,0°        | 398.7                        | 488.0      | 591.6       | 673.3       | 731.6       | 742.3       | 720.1       | 645.3       | 532.0       | 427.9       | 306.2       | 239.1       | 201.3       |
| 67,5°        | 445.3                        | 556.0      | 654.2       | 684.7       | 719.6       | 742.5       | 715.5       | 639.3       | 518.7       | 408.5       | 288.1       | 224.4       | 192.8       |
| 70,0°        | 437.2                        | 611.3      | 742.9       | 732.2       | 718.6       | 715.8       | 661.6       | 577.7       | 481.2       | 388.9       | 284.8       | 211.1       | 168.8       |
| 72,5°        | 415.4                        | 601.1      | 745.2       | 754.3       | 718.3       | 643.9       | 554.8       | 497.1       | 431.2       | 372.9       | 256.3       | 146.8       | 79.9        |
| 75,0°        | 395.0                        | 544.9      | 656.0       | 682.3       | 642.3       | 531.3       | 429.6       | 403.8       | 358.9       | 245.3       | 111.8       | 36.6        | 10.0        |
| 77,5°        | 280.5                        | 372.5      | 430.3       | 442.8       | 397.4       | 333.4       | 289.5       | 230.9       | 140.4       | 47.1        | 7.8         | 0.0         | 0.0         |
| 80,0°        | 118.6                        | 154.3      | 189.4       | 194.9       | 165.3       | 140.7       | 101.2       | 41.4        | 8.9         | 0.0         | 0.0         | 0.0         | 0.0         |
| 82,5°        | 22.3                         | 28.1       | 36.5        | 41.6        | 37.9        | 27.0        | 8.5         | 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: 5XC1NC1F08CE<br>EAN: 4069025076458 | LP number<br>59457_409     |
| 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°         | 83.9                         | 83.9        | 83.9        | 83.9        | 83.9       | 83.9  | 83.9         | 83.9         | 83.9         | 83.9         | 83.9         | 83.9         | 83.9         |
| 2,5°         | 98.6                         | 99.1        | 101.0       | 101.8       | 103.4      | 104.7 | 86.5         | 82.9         | 78.7         | 76.7         | 75.0         | 73.9         | 74.2         |
| 5,0°         | 124.8                        | 126.6       | 127.6       | 127.5       | 131.0      | 134.0 | 86.1         | 81.9         | 78.6         | 77.6         | 76.4         | 73.4         | 71.8         |
| 7,5°         | 147.8                        | 149.0       | 148.4       | 151.1       | 154.5      | 154.8 | 94.1         | 89.6         | 85.3         | 81.2         | 77.6         | 75.0         | 71.4         |
| 10,0°        | 165.9                        | 172.0       | 175.7       | 184.2       | 188.3      | 186.6 | 98.1         | 92.3         | 86.7         | 81.0         | 76.7         | 73.6         | 68.8         |
| 12,5°        | 202.3                        | 207.5       | 211.3       | 213.9       | 213.7      | 211.2 | 104.3        | 98.4         | 92.9         | 85.1         | 78.2         | 71.2         | 63.9         |
| 15,0°        | 225.4                        | 231.4       | 234.6       | 245.0       | 251.8      | 249.7 | 113.0        | 102.9        | 93.9         | 86.9         | 79.3         | 68.6         | 59.2         |
| 17,5°        | 239.2                        | 244.6       | 249.2       | 255.0       | 260.6      | 264.0 | 129.0        | 117.8        | 105.9        | 92.1         | 77.5         | 68.1         | 58.0         |
| 20,0°        | 275.0                        | 280.6       | 283.6       | 284.2       | 284.2      | 285.2 | 138.4        | 118.6        | 101.1        | 89.2         | 75.4         | 65.6         | 58.1         |
| 22,5°        | 310.7                        | 314.2       | 315.9       | 318.0       | 321.4      | 323.4 | 151.1        | 127.7        | 104.3        | 87.8         | 75.3         | 63.7         | 53.3         |
| 25,0°        | 341.5                        | 337.6       | 342.8       | 348.8       | 350.3      | 352.4 | 160.0        | 132.2        | 103.5        | 88.2         | 70.6         | 57.9         | 50.1         |
| 27,5°        | 374.8                        | 380.5       | 383.8       | 387.9       | 388.0      | 387.2 | 175.8        | 140.1        | 98.2         | 74.1         | 61.4         | 53.3         | 44.7         |
| 30,0°        | 379.5                        | 393.7       | 407.6       | 411.8       | 416.2      | 419.4 | 184.6        | 142.5        | 99.5         | 73.6         | 57.7         | 48.7         | 38.8         |
| 32,5°        | 401.0                        | 403.5       | 412.2       | 426.4       | 435.0      | 437.9 | 193.3        | 147.6        | 104.0        | 73.3         | 52.0         | 40.1         | 35.2         |
| 35,0°        | 419.2                        | 422.4       | 422.5       | 435.6       | 445.7      | 448.7 | 186.7        | 143.1        | 99.2         | 66.6         | 45.2         | 35.4         | 29.5         |
| 37,5°        | 415.6                        | 427.1       | 432.3       | 432.2       | 436.8      | 440.0 | 190.5        | 143.1        | 98.0         | 62.3         | 42.1         | 34.5         | 27.7         |
| 40,0°        | 400.5                        | 406.3       | 413.2       | 412.8       | 409.8      | 408.8 | 203.0        | 153.5        | 96.5         | 55.6         | 37.1         | 30.1         | 23.0         |
| 42,5°        | 402.4                        | 406.8       | 400.1       | 383.3       | 377.8      | 385.5 | 209.2        | 149.2        | 86.1         | 47.7         | 31.6         | 22.6         | 19.0         |
| 45,0°        | 383.4                        | 377.9       | 365.8       | 363.7       | 358.0      | 348.1 | 205.7        | 134.1        | 71.5         | 41.1         | 30.5         | 22.9         | 20.5         |
| 47,5°        | 353.3                        | 337.4       | 324.0       | 320.1       | 311.0      | 304.5 | 216.3        | 128.3        | 59.8         | 39.0         | 26.5         | 22.6         | 19.1         |
| 50,0°        | 320.4                        | 304.1       | 287.9       | 281.2       | 270.4      | 271.6 | 232.3        | 136.7        | 54.2         | 32.9         | 22.4         | 18.1         | 14.6         |
| 52,5°        | 296.6                        | 272.2       | 245.6       | 233.2       | 223.2      | 221.0 | 232.0        | 130.6        | 47.1         | 26.1         | 16.7         | 13.2         | 11.8         |
| 55,0°        | 263.0                        | 239.0       | 214.4       | 195.3       | 190.2      | 195.0 | 233.6        | 129.2        | 49.6         | 25.2         | 16.6         | 12.9         | 10.2         |
| 57,5°        | 227.9                        | 202.7       | 178.8       | 161.7       | 157.9      | 162.8 | 233.0        | 141.0        | 52.2         | 21.8         | 12.8         | 11.9         | 9.9          |
| 60,0°        | 196.3                        | 165.8       | 147.0       | 132.3       | 126.4      | 124.4 | 242.3        | 145.8        | 57.7         | 27.6         | 18.5         | 13.7         | 11.9         |
| 62,5°        | 173.7                        | 133.9       | 112.3       | 100.0       | 91.8       | 90.8  | 260.8        | 149.2        | 55.4         | 27.0         | 17.3         | 12.9         | 11.5         |
| 65,0°        | 162.4                        | 123.5       | 92.0        | 75.5        | 67.7       | 66.1  | 276.7        | 153.3        | 50.7         | 24.0         | 20.2         | 14.9         | 10.8         |
| 67,5°        | 147.6                        | 109.8       | 75.5        | 60.0        | 56.1       | 54.1  | 300.7        | 161.7        | 45.3         | 26.5         | 24.0         | 17.0         | 11.5         |
| 70,0°        | 114.6                        | 67.0        | 38.1        | 28.1        | 28.5       | 29.3  | 285.9        | 151.3        | 44.0         | 31.3         | 26.4         | 19.3         | 14.1         |
| 72,5°        | 41.7                         | 14.3        | 7.3         | 4.1         | 3.4        | 3.6   | 262.8        | 140.2        | 44.5         | 34.2         | 29.4         | 22.5         | 18.5         |
| 75,0°        | 1.2                          | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 249.7        | 130.7        | 39.3         | 34.0         | 27.6         | 23.6         | 19.6         |
| 77,5°        | 0.0                          | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 174.3        | 91.4         | 26.0         | 27.2         | 24.0         | 19.1         | 12.8         |
| 80,0°        | 0.0                          | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 70.5         | 37.2         | 13.0         | 14.3         | 12.9         | 6.6          | 2.7          |
| 82,5°        | 0.0                          | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 13.4         | 6.6          | 2.7          | 3.4          | 2.6          | 0.6          | 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                                   |                              |              |              | Order number: 5XC1NC1F08CE |              |              |              |              |              |              |      | LP number                  |                   |        |  |
|------------------------------------------|------------------------------|--------------|--------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------|----------------------------|-------------------|--------|--|
| Streetlight 11 micro LED                 |                              |              |              | EAN: 4069025076458         |              |              |              |              |              |              |      | 59457_409                  |                   |        |  |
| Table of values for luminous intensities |                              |              |              |                            |              |              |              |              |              |              |      | Maximum luminous intensity |                   | siteco |  |
| 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°                                     | 83.9                         | 83.9         | 83.9         | 83.9                       | 83.9         | 83.9         | 83.9         | 83.9         | 83.9         | 83.9         | 83.9 | 0.1                        | 0.1               |        |  |
| 2,5°                                     | 72.4                         | 71.5         | 72.1         | 69.9                       | 70.0         | 69.5         | 69.6         | 71.1         | 73.1         | 74.4         | 73.9 | 1.0                        | 1.2               |        |  |
| 5,0°                                     | 69.8                         | 67.0         | 66.8         | 66.5                       | 65.8         | 65.0         | 63.6         | 63.8         | 64.7         | 65.0         | 65.3 | 2.2                        | 3.3               |        |  |
| 7,5°                                     | 66.2                         | 63.1         | 60.9         | 59.1                       | 58.9         | 56.8         | 55.7         | 57.1         | 56.9         | 56.7         | 57.3 | 3.6                        | 6.9               |        |  |
| 10,0°                                    | 63.9                         | 60.2         | 57.2         | 55.3                       | 51.9         | 47.8         | 47.7         | 48.7         | 48.0         | 49.2         | 50.9 | 5.0                        | 11.9              |        |  |
| 12,5°                                    | 59.7                         | 54.4         | 51.3         | 50.0                       | 47.1         | 45.9         | 45.2         | 43.9         | 43.5         | 43.8         | 43.9 | 7.0                        | 18.9              |        |  |
| 15,0°                                    | 52.0                         | 47.6         | 45.9         | 43.8                       | 44.1         | 43.2         | 40.8         | 40.7         | 40.5         | 39.4         | 39.3 | 9.3                        | 28.2              |        |  |
| 17,5°                                    | 51.8                         | 47.6         | 44.0         | 40.1                       | 37.4         | 33.6         | 32.6         | 33.4         | 35.0         | 36.6         | 37.5 | 11.4                       | 39.6              |        |  |
| 20,0°                                    | 52.3                         | 46.9         | 42.0         | 35.9                       | 33.2         | 30.6         | 29.2         | 29.0         | 29.7         | 31.7         | 32.1 | 14.3                       | 53.9              |        |  |
| 22,5°                                    | 46.0                         | 43.7         | 40.1         | 31.9                       | 28.8         | 29.6         | 28.2         | 25.0         | 24.4         | 26.4         | 27.1 | 17.8                       | 71.7              |        |  |
| 25,0°                                    | 43.9                         | 40.8         | 37.1         | 29.8                       | 26.1         | 24.8         | 22.4         | 19.8         | 18.8         | 19.1         | 18.9 | 21.1                       | 92.7              |        |  |
| 27,5°                                    | 38.8                         | 35.1         | 31.2         | 27.2                       | 24.5         | 22.4         | 20.6         | 20.3         | 20.3         | 19.6         | 18.8 | 24.7                       | 117.4             |        |  |
| 30,0°                                    | 32.0                         | 30.1         | 27.9         | 24.3                       | 23.8         | 24.5         | 21.8         | 19.2         | 19.4         | 21.4         | 22.9 | 28.5                       | 145.9             |        |  |
| 32,5°                                    | 30.5                         | 27.8         | 24.4         | 20.6                       | 19.6         | 20.3         | 20.5         | 18.6         | 17.3         | 19.6         | 21.7 | 31.9                       | 177.8             |        |  |
| 35,0°                                    | 25.0                         | 23.6         | 21.5         | 18.1                       | 17.1         | 17.2         | 15.9         | 15.8         | 16.6         | 16.1         | 15.4 | 34.6                       | 212.4             |        |  |
| 37,5°                                    | 22.7                         | 21.4         | 18.8         | 15.2                       | 14.2         | 13.9         | 13.4         | 15.5         | 15.9         | 13.9         | 13.1 | 36.8                       | 249.2             |        |  |
| 40,0°                                    | 18.9                         | 17.9         | 16.1         | 14.6                       | 14.4         | 12.2         | 12.0         | 14.1         | 13.7         | 12.2         | 11.9 | 38.8                       | 288.0             |        |  |
| 42,5°                                    | 16.9                         | 14.0         | 13.4         | 13.7                       | 12.5         | 12.1         | 11.5         | 11.0         | 11.5         | 9.4          | 8.3  | 40.9                       | 328.9             |        |  |
| 45,0°                                    | 16.6                         | 13.6         | 12.4         | 13.6                       | 14.8         | 13.9         | 10.8         | 9.7          | 11.1         | 8.3          | 6.2  | 42.7                       | 371.5             |        |  |
| 47,5°                                    | 13.3                         | 12.7         | 12.5         | 11.3                       | 11.8         | 12.1         | 10.4         | 9.1          | 8.4          | 6.4          | 5.4  | 44.2                       | 415.7             |        |  |
| 50,0°                                    | 11.2                         | 9.0          | 9.4          | 9.3                        | 9.3          | 9.6          | 8.6          | 8.0          | 8.3          | 6.6          | 4.5  | 45.0                       | 460.7             |        |  |
| 52,5°                                    | 10.2                         | 9.2          | 9.9          | 9.0                        | 7.5          | 8.3          | 7.7          | 8.5          | 8.3          | 6.1          | 5.8  | 45.4                       | 506.2             |        |  |
| 55,0°                                    | 9.1                          | 8.7          | 6.8          | 5.8                        | 5.7          | 6.1          | 6.5          | 6.7          | 6.2          | 5.1          | 4.7  | 47.1                       | 553.2             |        |  |
| 57,5°                                    | 9.4                          | 8.1          | 7.1          | 6.0                        | 4.8          | 4.7          | 4.6          | 5.0          | 5.2          | 4.2          | 2.8  | 49.2                       | 602.4             |        |  |
| 60,0°                                    | 10.5                         | 7.0          | 5.8          | 5.7                        | 5.0          | 4.9          | 3.8          | 4.1          | 4.0          | 3.1          | 2.7  | 52.7                       | 655.1             |        |  |
| 62,5°                                    | 10.0                         | 6.9          | 5.5          | 5.6                        | 4.5          | 4.2          | 3.7          | 2.7          | 2.1          | 2.2          | 2.4  | 53.3                       | 708.4             |        |  |
| 65,0°                                    | 10.1                         | 7.2          | 6.2          | 5.5                        | 3.3          | 3.6          | 3.8          | 2.5          | 1.6          | 1.3          | 1.3  | 54.2                       | 762.6             |        |  |
| 67,5°                                    | 8.5                          | 7.8          | 6.4          | 4.1                        | 2.3          | 2.2          | 2.3          | 2.1          | 1.3          | 1.0          | 1.1  | 55.5                       | 818.1             |        |  |
| 70,0°                                    | 9.4                          | 7.8          | 5.7          | 3.1                        | 2.3          | 1.5          | 1.2          | 1.4          | 0.9          | 0.6          | 0.8  | 54.6                       | 872.7             |        |  |
| 72,5°                                    | 13.7                         | 8.3          | 4.8          | 2.2                        | 1.1          | 0.4          | 0.3          | 0.5          | 0.4          | 0.0          | 0.0  | 49.9                       | 922.6             |        |  |
| 75,0°                                    | 13.4                         | 5.5          | 1.9          | 0.6                        | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0  | 41.2                       | 963.8             |        |  |
| 77,5°                                    | 6.3                          | 1.3          | 0.2          | 0.0                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0  | 24.9                       | 988.7             |        |  |
| 80,0°                                    | 0.8                          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0  | 9.5                        | 998.3             |        |  |
| 82,5°                                    | 0.0                          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0  | 1.7                        | 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

|                                    |                                                  |                                 |
|------------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Streetlight 11 micro LED | Order number: 5XC1NC1F08CE<br>EAN: 4069025076458 | LP number<br>59457_409          |
| 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] | Power consumption<br>[W] | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|--------------------------|--------------------------|-------------------------------------|
|                    |                         |                              |                       | start of lifetime        | end of lifetime          |                                     |
| 100                | 254                     | 254                          | 1500                  | 13.8                     | 14.0                     | 13.9                                |
| 95                 | 241                     | 252                          | 1423                  | 13.1                     | 13.3                     | 13.2                                |
| 90                 | 229                     | 250                          | 1352                  | 12.5                     | 12.7                     | 12.6                                |
| 85                 | 216                     | 248                          | 1276                  | 11.8                     | 11.9                     | 11.9                                |
| 80                 | 203                     | 246                          | 1199                  | 11.2                     | 11.3                     | 11.2                                |
| 75                 | 190                     | 243                          | 1122                  | 10.6                     | 10.7                     | 10.6                                |
| 70                 | 178                     | 241                          | 1051                  | 10.0                     | 10.1                     | 10.0                                |
| 65                 | 165                     | 238                          | 974                   | 9.3                      | 9.4                      | 9.4                                 |
| 60                 | 152                     | 235                          | 898                   | 8.6                      | 8.7                      | 8.6                                 |
| 55                 | 140                     | 232                          | 827                   | 8.0                      | 8.1                      | 8.0                                 |
| 50                 | 127                     | 229                          | 750                   | 7.5                      | 7.5                      | 7.5                                 |
| 45                 | 114                     | 225                          | 673                   | 6.9                      | 7.0                      | 7.0                                 |
| 40                 | 102                     | 221                          | 602                   | 6.4                      | 6.5                      | 6.4                                 |
| 35                 | 89                      | 216                          | 526                   | 5.8                      | 5.9                      | 5.8                                 |
| 30                 | 76                      | 210                          | 449                   | 5.1                      | 5.2                      | 5.2                                 |
| 25                 | 63                      | 203                          | 372                   | 4.5                      | 4.5                      | 4.5                                 |
| 20                 | 51                      | 195                          | 301                   | 3.9                      | 4.0                      | 4.0                                 |