
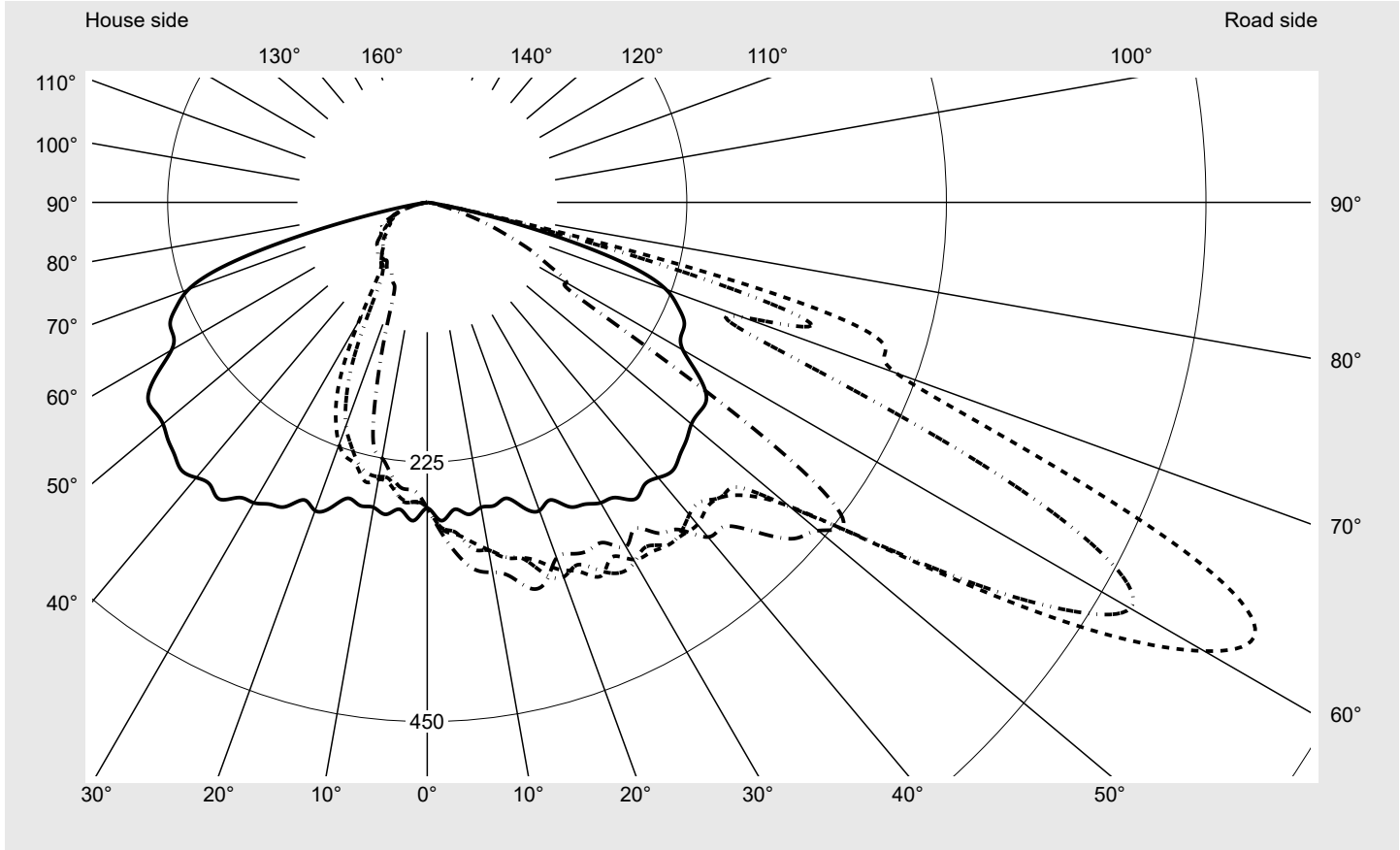


# Photometric test report

|  |  |  |
|--|--|--|
| <b>Family</b><br><b>Streetlight 21 micro LED</b> | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b>   | <b>LP number</b><br><b>59077_878</b>             |
|  | <b>Version</b> post-top or side-entry mounting<br><b>Optic</b> asymmetric, wide distribution (STW1.0a)<br><b>Cover</b> toughened safety glass<br><b>Lamps</b> LED 3000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 4810 lm<br>Power consumption = 36.4 W<br>Luminous efficacy = 132.1 lm/W | <b>serial documentation</b><br><b>26.10.2022</b> |



**Luminous intensity in cd/klm** C180-0 C210-30 C215-35 C270-90 **Imax: 809 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:    | G4    |
| Imax 70°  | 498.7 |
| Imax 80°  | 32.8  |
| 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>Streetlight 21 micro LED | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br>59077_878 |
|---|--|-------------------------------|

**Envelope curve in cd/klm**      **KMK 62.5°**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**      **siteco**



## Photometric test report

|  |  |                                      |
|--|--|--------------------------------------|
| <b>Family</b><br><b>Streetlight 21 micro LED</b> | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br><b>59077_878</b> |
| <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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ        | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 265.0                        | 265.0      | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       |
| 2,5°     | 276.1                        | 278.2      | 279.9       | 280.7       | 282.6       | 280.9       | 282.9       | 282.1       | 283.9       | 285.0       | 286.7       | 288.0       | 286.1       |
| 5,0°     | 267.2                        | 269.0      | 274.7       | 278.5       | 279.8       | 286.4       | 288.9       | 287.4       | 290.8       | 292.6       | 294.2       | 300.0       | 298.6       |
| 7,5°     | 272.7                        | 275.9      | 280.1       | 284.4       | 288.5       | 292.4       | 296.9       | 303.0       | 303.7       | 307.0       | 310.0       | 310.1       | 313.3       |
| 10,0°    | 268.4                        | 272.2      | 277.4       | 291.4       | 300.9       | 306.8       | 305.9       | 306.1       | 302.0       | 308.4       | 313.7       | 316.2       | 320.5       |
| 12,5°    | 269.1                        | 273.9      | 287.4       | 294.7       | 304.6       | 314.3       | 315.6       | 314.8       | 322.9       | 327.5       | 331.4       | 330.3       | 330.5       |
| 15,0°    | 265.5                        | 276.8      | 296.7       | 300.8       | 305.0       | 315.9       | 318.9       | 319.5       | 329.6       | 338.0       | 337.2       | 339.7       | 342.1       |
| 17,5°    | 277.4                        | 287.6      | 299.4       | 305.4       | 315.7       | 326.6       | 326.9       | 337.2       | 336.9       | 335.5       | 339.7       | 341.4       | 338.5       |
| 20,0°    | 284.3                        | 295.0      | 304.2       | 313.5       | 321.0       | 328.4       | 338.9       | 345.5       | 343.3       | 344.8       | 347.8       | 341.7       | 334.4       |
| 22,5°    | 279.1                        | 294.0      | 312.1       | 323.0       | 327.7       | 341.0       | 346.5       | 340.0       | 341.6       | 352.4       | 351.9       | 343.1       | 331.1       |
| 25,0°    | 291.0                        | 303.1      | 317.1       | 327.0       | 339.5       | 348.9       | 357.1       | 351.7       | 350.1       | 347.4       | 339.5       | 333.6       | 333.4       |
| 27,5°    | 295.0                        | 309.9      | 321.7       | 338.0       | 351.4       | 356.8       | 346.6       | 361.8       | 356.7       | 344.1       | 331.2       | 337.6       | 339.9       |
| 30,0°    | 300.7                        | 317.1      | 328.5       | 349.8       | 355.9       | 355.9       | 357.4       | 359.7       | 352.9       | 344.8       | 333.1       | 337.4       | 338.9       |
| 32,5°    | 303.3                        | 318.9      | 336.3       | 353.9       | 359.5       | 349.5       | 359.8       | 353.7       | 348.0       | 346.4       | 340.3       | 346.7       | 346.0       |
| 35,0°    | 314.0                        | 326.8      | 340.1       | 355.5       | 360.5       | 357.7       | 363.1       | 362.1       | 346.9       | 343.3       | 345.1       | 341.2       | 346.2       |
| 37,5°    | 308.9                        | 327.9      | 347.5       | 353.8       | 357.0       | 355.0       | 363.3       | 360.9       | 349.1       | 347.9       | 346.4       | 345.8       | 346.0       |
| 40,0°    | 311.4                        | 332.1      | 344.0       | 358.4       | 357.1       | 363.3       | 364.4       | 353.3       | 357.7       | 355.2       | 353.1       | 353.4       | 356.3       |
| 42,5°    | 315.1                        | 342.3      | 354.5       | 357.4       | 364.8       | 358.6       | 358.8       | 351.6       | 354.4       | 362.5       | 363.5       | 361.8       | 376.7       |
| 45,0°    | 309.7                        | 352.0      | 364.3       | 364.3       | 367.8       | 375.0       | 361.3       | 360.8       | 367.0       | 373.0       | 384.1       | 397.1       | 402.7       |
| 47,5°    | 304.8                        | 361.9      | 365.7       | 366.2       | 379.0       | 381.6       | 376.2       | 365.3       | 379.3       | 404.4       | 419.2       | 437.2       | 429.1       |
| 50,0°    | 298.9                        | 376.3      | 386.3       | 389.3       | 397.8       | 415.1       | 409.9       | 410.7       | 417.6       | 449.6       | 467.2       | 465.5       | 448.8       |
| 52,5°    | 297.8                        | 384.5      | 408.5       | 405.9       | 426.8       | 460.3       | 481.7       | 479.2       | 484.8       | 487.2       | 491.5       | 476.7       | 441.4       |
| 55,0°    | 295.5                        | 381.4      | 430.2       | 417.6       | 471.4       | 530.1       | 586.0       | 573.2       | 535.9       | 502.5       | 479.9       | 443.5       | 390.5       |
| 57,5°    | 278.4                        | 380.3      | 445.9       | 451.7       | 523.6       | 645.7       | 695.9       | 657.7       | 567.6       | 486.1       | 424.4       | 359.9       | 308.3       |
| 60,0°    | 255.9                        | 384.0      | 479.3       | 483.8       | 599.0       | 757.2       | 777.7       | 703.6       | 540.3       | 384.0       | 295.1       | 265.7       | 261.6       |
| 62,5°    | 248.4                        | 402.0      | 516.6       | 535.0       | 675.3       | 808.8       | 809.0       | 659.9       | 419.1       | 256.1       | 220.5       | 220.2       | 192.6       |
| 65,0°    | 245.9                        | 422.0      | 553.6       | 573.4       | 711.3       | 776.7       | 738.3       | 510.2       | 243.5       | 208.7       | 192.4       | 191.3       | 104.6       |
| 67,5°    | 235.0                        | 425.3      | 575.2       | 564.4       | 621.8       | 656.3       | 565.5       | 314.5       | 192.3       | 176.6       | 153.1       | 147.2       | 65.3        |
| 70,0°    | 220.0                        | 417.0      | 498.7       | 490.7       | 467.4       | 475.7       | 432.4       | 290.7       | 186.4       | 147.5       | 119.0       | 82.6        | 48.3        |
| 72,5°    | 186.1                        | 339.1      | 400.0       | 304.5       | 275.2       | 335.3       | 416.1       | 348.4       | 176.7       | 109.9       | 75.5        | 56.3        | 39.4        |
| 75,0°    | 123.0                        | 169.2      | 172.4       | 105.2       | 89.8        | 211.1       | 330.5       | 216.4       | 77.4        | 39.2        | 49.9        | 41.1        | 30.5        |
| 77,5°    | 56.5                         | 71.0       | 62.1        | 33.2        | 30.7        | 82.6        | 105.1       | 73.0        | 43.5        | 25.3        | 37.7        | 26.1        | 20.2        |
| 80,0°    | 17.1                         | 18.7       | 17.1        | 12.0        | 10.0        | 32.8        | 16.7        | 12.3        | 11.9        | 13.6        | 24.3        | 14.2        | 12.9        |
| 82,5°    | 2.8                          | 2.6        | 2.8         | 2.7         | 4.2         | 12.7        | 4.3         | 4.9         | 3.6         | 2.7         | 7.1         | 7.5         | 9.0         |
| 85,0°    | 0.6                          | 1.0        | 0.8         | 0.7         | 0.9         | 0.6         | 1.1         | 1.6         | 1.2         | 1.0         | 1.0         | 1.0         | 0.9         |
| 87,5°    | 0.2                          | 0.1        | 0.2         | 0.1         | 0.2         | 0.2         | 0.1         | 0.1         | 0.1         | 0.1         | 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

|  |  |                                      |
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| <b>Family</b><br><b>Streetlight 21 micro LED</b> | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br><b>59077_878</b> |
| <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°     | 265.0                        | 265.0       | 265.0       | 265.0       | 265.0      | 265.0 | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        |
| 2,5°     | 287.5                        | 287.6       | 287.1       | 287.4       | 287.0      | 287.0 | 273.3        | 268.1        | 264.9        | 264.2        | 262.9        | 260.1        | 259.7        |
| 5,0°     | 298.8                        | 299.6       | 303.6       | 304.8       | 306.2      | 307.1 | 263.9        | 264.0        | 263.7        | 260.2        | 262.6        | 257.7        | 259.0        |
| 7,5°     | 311.1                        | 312.7       | 314.2       | 315.4       | 319.9      | 321.2 | 264.6        | 260.9        | 257.4        | 253.9        | 248.6        | 246.6        | 243.3        |
| 10,0°    | 322.2                        | 321.1       | 324.7       | 324.1       | 330.8      | 325.5 | 261.4        | 256.1        | 251.1        | 248.3        | 244.7        | 244.0        | 241.3        |
| 12,5°    | 332.1                        | 335.3       | 335.1       | 332.5       | 329.2      | 332.0 | 262.3        | 260.1        | 252.5        | 246.3        | 242.6        | 247.9        | 240.3        |
| 15,0°    | 337.6                        | 337.3       | 338.6       | 345.5       | 346.4      | 346.4 | 261.0        | 256.5        | 253.2        | 248.3        | 245.2        | 236.4        | 233.1        |
| 17,5°    | 341.6                        | 341.9       | 341.5       | 339.9       | 341.6      | 343.8 | 270.2        | 262.3        | 253.8        | 247.9        | 241.6        | 232.0        | 220.2        |
| 20,0°    | 335.0                        | 333.0       | 331.7       | 327.6       | 328.6      | 327.9 | 267.8        | 260.8        | 255.7        | 239.3        | 232.0        | 223.3        | 206.1        |
| 22,5°    | 329.0                        | 328.2       | 327.2       | 332.2       | 325.7      | 329.6 | 271.4        | 267.7        | 246.7        | 240.9        | 224.1        | 206.9        | 183.3        |
| 25,0°    | 334.2                        | 338.9       | 333.4       | 328.8       | 331.6      | 332.3 | 273.9        | 267.1        | 247.9        | 230.6        | 210.1        | 185.4        | 153.1        |
| 27,5°    | 345.0                        | 340.9       | 338.0       | 336.9       | 330.6      | 332.5 | 281.1        | 265.5        | 244.5        | 212.3        | 189.3        | 154.5        | 114.5        |
| 30,0°    | 347.4                        | 348.6       | 347.5       | 338.6       | 338.7      | 344.5 | 287.4        | 263.9        | 231.2        | 198.3        | 160.4        | 116.8        | 84.4         |
| 32,5°    | 348.4                        | 347.2       | 343.8       | 343.5       | 341.8      | 335.2 | 290.9        | 256.1        | 220.6        | 179.3        | 126.7        | 86.3         | 72.1         |
| 35,0°    | 347.0                        | 345.2       | 346.6       | 347.5       | 342.5      | 350.1 | 287.0        | 243.6        | 204.1        | 146.9        | 96.2         | 70.3         | 66.8         |
| 37,5°    | 350.1                        | 351.8       | 356.0       | 359.3       | 353.9      | 357.4 | 278.7        | 226.5        | 179.7        | 108.7        | 69.8         | 65.7         | 65.1         |
| 40,0°    | 361.0                        | 366.3       | 369.3       | 373.6       | 367.6      | 378.6 | 271.5        | 211.0        | 146.0        | 80.9         | 62.4         | 61.5         | 61.5         |
| 42,5°    | 385.5                        | 380.9       | 382.4       | 379.9       | 385.9      | 381.1 | 253.2        | 192.1        | 110.3        | 60.5         | 58.0         | 57.7         | 57.7         |
| 45,0°    | 410.8                        | 397.6       | 391.9       | 399.7       | 411.0      | 404.2 | 243.1        | 159.0        | 76.9         | 55.3         | 55.2         | 53.6         | 54.0         |
| 47,5°    | 433.6                        | 414.0       | 411.4       | 415.7       | 420.3      | 431.3 | 227.6        | 126.7        | 55.1         | 50.4         | 51.7         | 51.7         | 52.1         |
| 50,0°    | 445.6                        | 425.7       | 419.8       | 449.5       | 443.7      | 442.5 | 210.7        | 88.3         | 49.0         | 47.6         | 47.1         | 49.3         | 47.6         |
| 52,5°    | 416.0                        | 395.0       | 398.9       | 443.8       | 448.1      | 454.9 | 180.9        | 59.1         | 45.7         | 45.0         | 43.8         | 45.3         | 45.8         |
| 55,0°    | 351.0                        | 328.5       | 323.8       | 337.9       | 333.0      | 364.6 | 154.6        | 48.8         | 43.8         | 42.1         | 39.9         | 41.0         | 43.9         |
| 57,5°    | 282.3                        | 263.7       | 206.2       | 182.5       | 171.1      | 170.4 | 121.8        | 44.9         | 41.6         | 41.3         | 39.9         | 40.0         | 43.9         |
| 60,0°    | 229.7                        | 151.7       | 135.7       | 165.2       | 139.3      | 139.5 | 86.6         | 41.6         | 37.8         | 38.2         | 38.7         | 36.9         | 40.7         |
| 62,5°    | 120.0                        | 107.2       | 116.5       | 138.1       | 117.6      | 119.8 | 77.0         | 39.6         | 36.3         | 35.0         | 36.5         | 37.2         | 37.1         |
| 65,0°    | 83.4                         | 91.6        | 95.7        | 104.6       | 97.6       | 100.3 | 69.3         | 36.7         | 32.8         | 31.9         | 34.4         | 37.0         | 32.8         |
| 67,5°    | 67.6                         | 73.1        | 74.5        | 77.1        | 78.6       | 76.2  | 54.0         | 28.7         | 29.8         | 27.7         | 32.7         | 34.8         | 32.1         |
| 70,0°    | 52.0                         | 55.8        | 56.0        | 55.7        | 56.2       | 56.3  | 41.4         | 23.6         | 24.9         | 23.4         | 27.3         | 28.8         | 27.1         |
| 72,5°    | 39.0                         | 39.0        | 37.7        | 39.2        | 37.6       | 36.6  | 39.4         | 19.2         | 19.3         | 19.8         | 21.9         | 22.2         | 21.5         |
| 75,0°    | 24.8                         | 24.3        | 23.5        | 23.2        | 21.8       | 20.8  | 33.9         | 14.3         | 14.8         | 15.1         | 17.1         | 14.6         | 15.3         |
| 77,5°    | 14.2                         | 13.2        | 12.7        | 11.4        | 11.4       | 9.5   | 22.2         | 10.4         | 8.7          | 9.2          | 11.9         | 11.0         | 10.9         |
| 80,0°    | 7.8                          | 5.8         | 5.4         | 4.1         | 4.0        | 2.8   | 9.0          | 5.5          | 5.3          | 4.7          | 5.5          | 5.6          | 6.8          |
| 82,5°    | 3.8                          | 1.6         | 1.4         | 1.0         | 1.4        | 0.9   | 2.5          | 2.3          | 2.2          | 2.3          | 2.5          | 2.8          | 3.4          |
| 85,0°    | 0.6                          | 0.4         | 0.3         | 0.3         | 0.3        | 0.4   | 0.8          | 0.7          | 0.8          | 0.8          | 0.7          | 0.9          | 1.0          |
| 87,5°    | 0.1                          | 0.1         | 0.1         | 0.2         | 0.1        | 0.1   | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2          | 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          |

## Photometric test report

|  |  |                                      |
|--|--|--------------------------------------|
| <b>Family</b><br><b>Streetlight 21 micro LED</b> | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br><b>59077_878</b> |
| <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°     | 265.0                        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0 | 0.4                     | 0.4               |
| 2,5°     | 256.9                        | 256.0        | 255.6        | 256.1        | 254.6        | 252.5        | 250.9        | 249.4        | 248.9        | 249.4        | 250.4 | 3.2                     | 3.6               |
| 5,0°     | 255.7                        | 253.9        | 254.1        | 252.3        | 249.0        | 249.7        | 248.6        | 248.0        | 246.8        | 248.4        | 248.8 | 6.5                     | 10.2              |
| 7,5°     | 240.3                        | 241.6        | 243.4        | 240.7        | 241.4        | 239.6        | 241.1        | 240.8        | 239.1        | 237.5        | 238.3 | 9.8                     | 20.0              |
| 10,0°    | 240.0                        | 236.3        | 237.0        | 232.8        | 230.3        | 226.3        | 227.2        | 227.7        | 229.3        | 228.1        | 225.1 | 13.0                    | 33.0              |
| 12,5°    | 232.1                        | 228.4        | 226.2        | 223.2        | 220.3        | 215.5        | 208.4        | 206.4        | 206.3        | 212.3        | 215.0 | 16.3                    | 49.3              |
| 15,0°    | 228.7                        | 218.0        | 206.6        | 202.2        | 200.2        | 193.2        | 184.1        | 176.9        | 174.8        | 172.2        | 172.4 | 19.2                    | 68.5              |
| 17,5°    | 209.4                        | 198.3        | 189.0        | 174.2        | 161.0        | 148.0        | 139.2        | 129.3        | 122.8        | 121.0        | 123.7 | 21.6                    | 90.1              |
| 20,0°    | 192.2                        | 169.1        | 150.1        | 131.9        | 115.1        | 104.2        | 97.2         | 89.9         | 88.2         | 86.4         | 85.0  | 23.5                    | 113.6             |
| 22,5°    | 156.5                        | 129.9        | 107.3        | 94.2         | 82.7         | 77.8         | 78.4         | 76.9         | 75.2         | 76.8         | 76.1  | 25.4                    | 139.0             |
| 25,0°    | 117.5                        | 93.4         | 80.0         | 74.6         | 74.6         | 73.9         | 73.1         | 74.0         | 72.0         | 74.0         | 72.3  | 27.6                    | 166.6             |
| 27,5°    | 87.2                         | 75.8         | 71.2         | 72.6         | 73.4         | 71.9         | 71.0         | 71.6         | 70.4         | 71.1         | 67.8  | 29.8                    | 196.4             |
| 30,0°    | 73.6                         | 70.2         | 72.9         | 71.5         | 70.4         | 71.0         | 69.8         | 70.1         | 68.1         | 67.3         | 68.0  | 32.0                    | 228.4             |
| 32,5°    | 67.8                         | 68.1         | 67.7         | 70.5         | 70.7         | 68.2         | 67.0         | 65.7         | 64.1         | 63.6         | 65.2  | 33.9                    | 262.4             |
| 35,0°    | 66.4                         | 67.3         | 66.7         | 66.1         | 65.8         | 64.8         | 64.9         | 64.1         | 64.6         | 62.1         | 61.4  | 35.8                    | 298.2             |
| 37,5°    | 67.0                         | 67.1         | 66.4         | 64.8         | 64.1         | 62.0         | 62.1         | 63.5         | 62.3         | 64.1         | 62.6  | 37.7                    | 335.9             |
| 40,0°    | 65.2                         | 69.2         | 62.8         | 60.8         | 59.4         | 59.4         | 62.3         | 62.4         | 60.3         | 60.0         | 60.4  | 39.8                    | 375.7             |
| 42,5°    | 64.4                         | 66.3         | 68.6         | 56.9         | 57.5         | 58.5         | 59.4         | 60.7         | 57.9         | 58.0         | 62.3  | 42.0                    | 417.7             |
| 45,0°    | 61.0                         | 62.0         | 77.2         | 58.2         | 58.6         | 59.2         | 60.0         | 59.8         | 60.6         | 60.1         | 60.3  | 44.9                    | 462.5             |
| 47,5°    | 53.1                         | 53.8         | 65.9         | 58.5         | 59.2         | 58.8         | 59.9         | 60.0         | 59.8         | 59.0         | 57.8  | 47.8                    | 510.3             |
| 50,0°    | 49.0                         | 52.4         | 58.1         | 59.5         | 60.2         | 57.5         | 58.4         | 56.2         | 56.5         | 55.8         | 56.8  | 51.7                    | 562.1             |
| 52,5°    | 47.6                         | 51.8         | 55.7         | 54.3         | 55.8         | 54.5         | 53.9         | 54.8         | 53.8         | 53.5         | 53.4  | 54.9                    | 616.9             |
| 55,0°    | 47.0                         | 49.2         | 51.3         | 53.6         | 53.4         | 51.8         | 52.2         | 51.8         | 51.3         | 49.3         | 48.8  | 55.2                    | 672.1             |
| 57,5°    | 45.4                         | 44.7         | 46.5         | 47.9         | 48.4         | 48.5         | 47.8         | 47.7         | 47.4         | 46.4         | 47.2  | 53.2                    | 725.3             |
| 60,0°    | 41.2                         | 41.2         | 43.3         | 43.3         | 43.7         | 45.9         | 44.1         | 44.4         | 44.6         | 44.1         | 43.7  | 51.8                    | 777.1             |
| 62,5°    | 37.1                         | 39.0         | 39.1         | 39.8         | 38.6         | 39.5         | 41.5         | 41.8         | 42.1         | 42.8         | 44.1  | 49.6                    | 826.7             |
| 65,0°    | 33.4                         | 34.7         | 37.0         | 36.8         | 35.8         | 36.8         | 38.8         | 37.6         | 40.4         | 42.1         | 41.9  | 46.0                    | 872.7             |
| 67,5°    | 29.7                         | 31.0         | 32.3         | 32.5         | 32.0         | 32.6         | 33.8         | 36.5         | 37.1         | 35.6         | 34.6  | 40.0                    | 912.8             |
| 70,0°    | 25.9                         | 28.0         | 28.5         | 28.5         | 28.1         | 28.2         | 29.6         | 31.2         | 31.7         | 30.2         | 29.9  | 33.5                    | 946.3             |
| 72,5°    | 21.7                         | 23.7         | 24.6         | 25.3         | 25.5         | 26.0         | 25.4         | 26.6         | 27.1         | 26.8         | 25.0  | 26.9                    | 973.2             |
| 75,0°    | 17.0                         | 18.4         | 21.4         | 20.6         | 20.1         | 20.9         | 20.3         | 21.1         | 22.0         | 20.0         | 20.2  | 15.6                    | 988.8             |
| 77,5°    | 12.3                         | 14.7         | 16.6         | 16.7         | 16.2         | 16.3         | 15.3         | 12.3         | 9.2          | 7.0          | 6.0   | 7.1                     | 995.9             |
| 80,0°    | 7.5                          | 8.6          | 11.2         | 12.9         | 13.0         | 11.5         | 9.3          | 6.4          | 3.8          | 1.9          | 1.2   | 2.8                     | 998.7             |
| 82,5°    | 3.8                          | 4.4          | 5.7          | 8.4          | 8.1          | 7.0          | 4.2          | 2.7          | 1.4          | 0.5          | 0.4   | 1.1                     | 999.7             |
| 85,0°    | 1.4                          | 1.4          | 1.6          | 1.6          | 1.8          | 1.5          | 0.8          | 0.5          | 0.4          | 0.1          | 0.1   | 0.2                     | 1000.0            |
| 87,5°    | 0.2                          | 0.2          | 0.2          | 0.1          | 0.1          | 0.1          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                     | 1000.0            |
| 90,0°    | 0.0                          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                     | 1000.0            |

## Photometric test report

|   |  |                               |
|---|--|-------------------------------|
| <b>Family</b><br>Streetlight 21 micro LED | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br>59077_878 |
|---|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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                       | 4810               | 36.4                  | 38.3                  | 37.3                  |
| 95              | 241                  | 252                       | 4564               | 33.9                  | 35.7                  | 34.8                  |
| 90              | 229                  | 250                       | 4337               | 31.7                  | 33.3                  | 32.5                  |
| 85              | 216                  | 248                       | 4090               | 29.5                  | 31.0                  | 30.2                  |
| 80              | 203                  | 246                       | 3844               | 27.2                  | 28.6                  | 27.9                  |
| 75              | 190                  | 243                       | 3598               | 25.2                  | 26.4                  | 25.8                  |
| 70              | 178                  | 241                       | 3371               | 23.3                  | 24.5                  | 23.9                  |
| 65              | 165                  | 238                       | 3125               | 21.3                  | 22.3                  | 21.8                  |
| 60              | 152                  | 235                       | 2878               | 19.4                  | 20.3                  | 19.8                  |
| 55              | 140                  | 232                       | 2651               | 17.7                  | 18.5                  | 18.1                  |
| 50              | 127                  | 229                       | 2405               | 15.9                  | 16.7                  | 16.3                  |
| 45              | 114                  | 225                       | 2159               | 14.2                  | 14.9                  | 14.6                  |
| 40              | 102                  | 221                       | 1932               | 12.7                  | 13.2                  | 13.0                  |
| 35              | 89                   | 216                       | 1685               | 11.0                  | 11.6                  | 11.3                  |
| 30              | 76                   | 210                       | 1439               | 9.5                   | 9.9                   | 9.7                   |
| 25              | 63                   | 203                       | 1193               | 8.0                   | 8.4                   | 8.2                   |
| 20              | 51                   | 195                       | 966                | 6.7                   | 7.0                   | 6.8                   |
| 15              | 38                   | 184                       | 720                | 5.3                   | 5.5                   | 5.4                   |
| 10              | 26                   | 171                       | 492                | 4.1                   | 4.3                   | 4.2                   |

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Dimming levels table</b> | environmental temperature: 5°C |
|-----------------------------|--------------------------------|

| 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                       | 4810               | 35.7                  | 37.4                  | 36.6                  |
| 95              | 241                  | 252                       | 4564               | 33.3                  | 34.9                  | 34.1                  |
| 90              | 229                  | 250                       | 4337               | 31.2                  | 32.7                  | 32.0                  |
| 85              | 216                  | 248                       | 4090               | 29.0                  | 30.5                  | 29.8                  |
| 80              | 203                  | 246                       | 3844               | 26.9                  | 28.2                  | 27.6                  |
| 75              | 190                  | 243                       | 3598               | 24.9                  | 26.0                  | 25.4                  |
| 70              | 178                  | 241                       | 3371               | 23.1                  | 24.1                  | 23.6                  |
| 65              | 165                  | 238                       | 3125               | 21.2                  | 22.1                  | 21.6                  |
| 60              | 152                  | 235                       | 2878               | 19.3                  | 20.2                  | 19.8                  |
| 55              | 140                  | 232                       | 2651               | 17.6                  | 18.4                  | 18.0                  |
| 50              | 127                  | 229                       | 2405               | 15.9                  | 16.6                  | 16.2                  |
| 45              | 114                  | 225                       | 2159               | 14.2                  | 14.8                  | 14.5                  |
| 40              | 102                  | 221                       | 1932               | 12.7                  | 13.2                  | 13.0                  |
| 35              | 89                   | 216                       | 1685               | 11.1                  | 11.6                  | 11.4                  |
| 30              | 76                   | 210                       | 1439               | 9.5                   | 9.9                   | 9.7                   |
| 25              | 63                   | 203                       | 1193               | 8.1                   | 8.3                   | 8.2                   |
| 20              | 51                   | 195                       | 966                | 6.7                   | 7.0                   | 6.8                   |
| 15              | 38                   | 184                       | 720                | 5.4                   | 5.6                   | 5.5                   |
| 11              | 27                   | 172                       | 511                | 4.2                   | 4.4                   | 4.3                   |

## Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br>Streetlight 21 micro LED | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br><b>59077_878</b> |
|---|--|--------------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 15°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                       | 4810               | 36.0                  | 37.7                  | 36.8                  |
| 95              | 241                  | 252                       | 4564               | 33.6                  | 35.2                  | 34.4                  |
| 90              | 229                  | 250                       | 4337               | 31.5                  | 32.9                  | 32.2                  |
| 85              | 216                  | 248                       | 4090               | 29.2                  | 30.6                  | 29.9                  |
| 80              | 203                  | 246                       | 3844               | 27.0                  | 28.4                  | 27.7                  |
| 75              | 190                  | 243                       | 3598               | 25.0                  | 26.2                  | 25.6                  |
| 70              | 178                  | 241                       | 3371               | 23.1                  | 24.2                  | 23.6                  |
| 65              | 165                  | 238                       | 3125               | 21.2                  | 22.1                  | 21.6                  |
| 60              | 152                  | 235                       | 2878               | 19.3                  | 20.2                  | 19.8                  |
| 55              | 140                  | 232                       | 2651               | 17.7                  | 18.4                  | 18.0                  |
| 50              | 127                  | 229                       | 2405               | 15.9                  | 16.6                  | 16.2                  |
| 45              | 114                  | 225                       | 2159               | 14.2                  | 14.8                  | 14.5                  |
| 40              | 102                  | 221                       | 1932               | 12.7                  | 13.2                  | 13.0                  |
| 35              | 89                   | 216                       | 1685               | 11.0                  | 11.5                  | 11.2                  |
| 30              | 76                   | 210                       | 1439               | 9.5                   | 9.9                   | 9.7                   |
| 25              | 63                   | 203                       | 1193               | 8.0                   | 8.4                   | 8.2                   |
| 20              | 51                   | 195                       | 966                | 6.7                   | 6.9                   | 6.8                   |
| 15              | 38                   | 184                       | 720                | 5.4                   | 5.5                   | 5.4                   |
| 11              | 27                   | 172                       | 511                | 4.2                   | 4.4                   | 4.3                   |

**Photometric test report**

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br>Streetlight 21 micro LED | <b>Order number: 5XE1E31D08DB</b><br><b>EAN: 4058352740231</b> | <b>LP number</b><br><b>59077_878</b> |
|---|--|--------------------------------------|

|                            |               |
|----------------------------|---------------|
| <b>Luminousfluxs table</b> | <b>siteco</b> |
|----------------------------|---------------|

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 4810.0              | 36.4                   |
| 5.0               | 4810.0              | 35.7                   |
| 15.0              | 4810.0              | 36.0                   |