
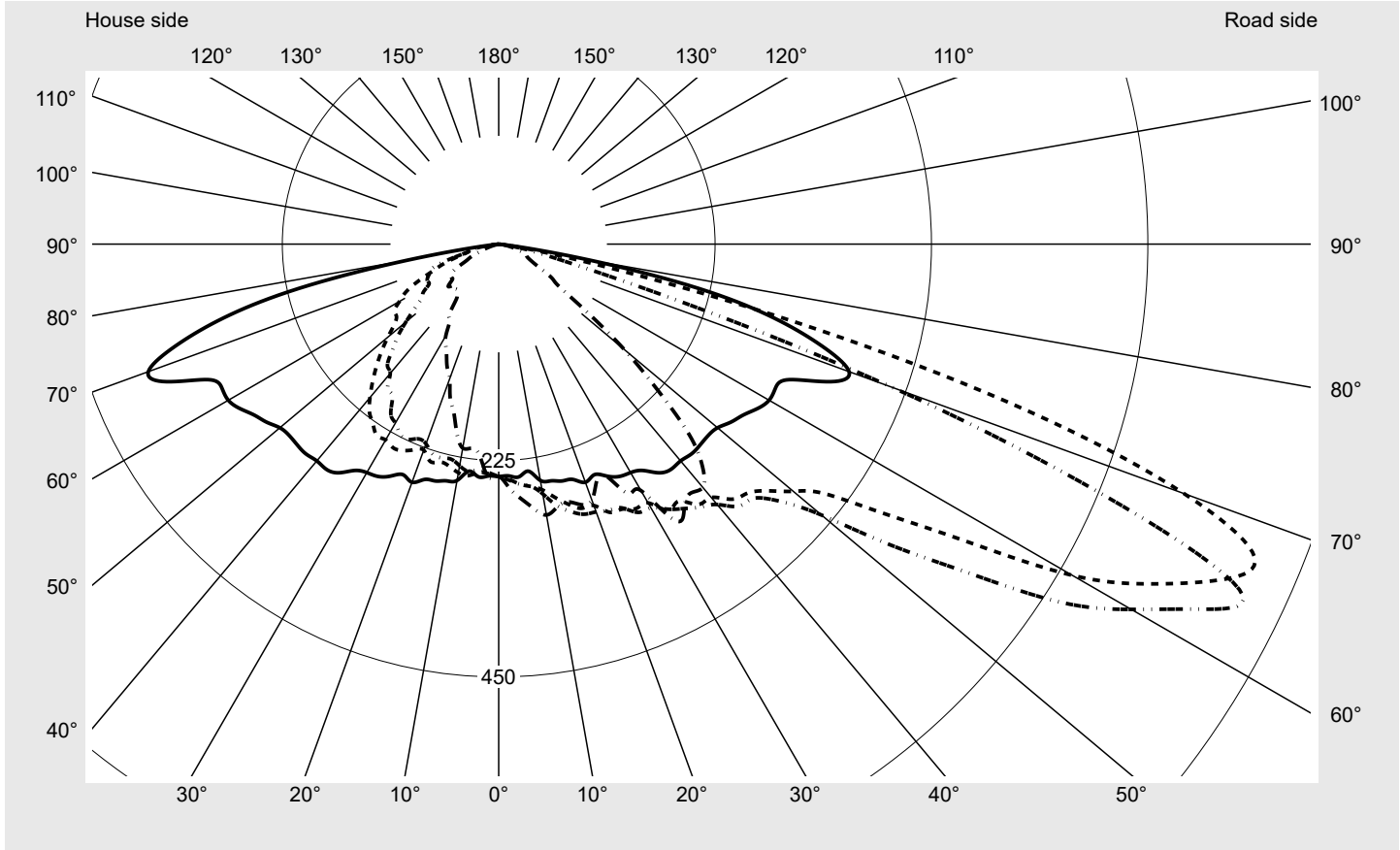


# Photometric test report

|   |   |  |
|---|---|--|
| <b>Family</b><br><b>Streetlight 21 mini LED</b> | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b>  | <b>LP number</b><br><b>59081_867</b>             |
|   | <b>Version</b> post-top or side-entry mounting<br><b>Optic</b> asymmetric, wide distribution (ST0.8a)<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 = 9450 lm<br>Power consumption = 70.9 W<br>Luminous efficacy = 133.3 lm/W | <b>serial documentation</b><br><b>12.09.2022</b> |



**Luminous intensity in cd/klm** C180-0 C200-20 C205-25 C270-90 **Imax: 851 cd/klm**



| Luminaire output ratios |        |
|-------------------------|--------|
| Eta                     | 100.0% |
| Eta 0° - 90°            | 100.0% |
| Eta 90° - 180°          | 0.0%   |

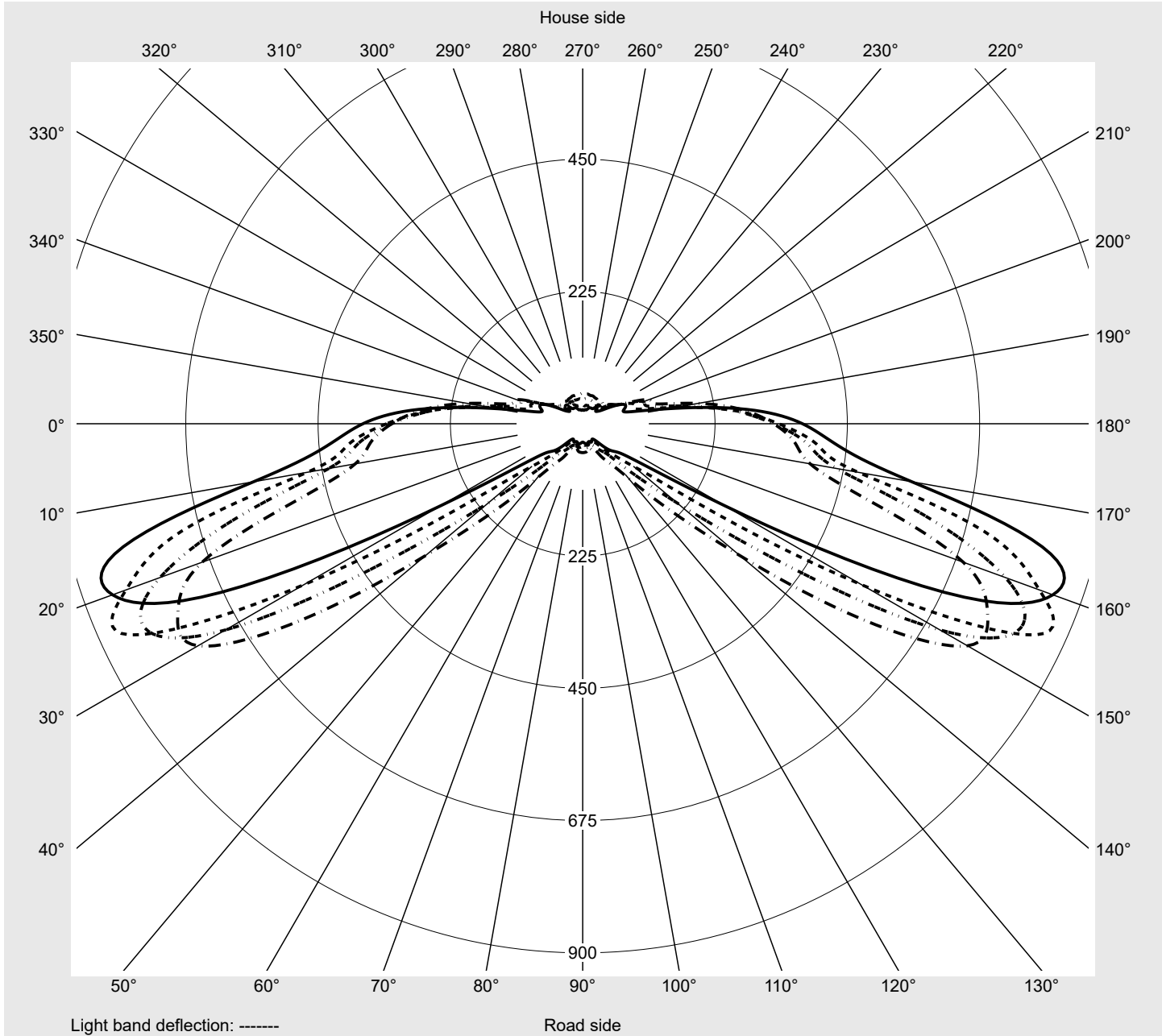
| Measurement conditions    |  |
|---------------------------|--|
| DIN EN 13032 and DIN 5032 |  |

| Luminous intensity class acc. to EN13201-2 |       |
|--|-------|
| Class:                                     | G3    |
| Imax 70°                                   | 826.1 |
| Imax 80°                                   | 99.6  |
| Imax 90°                                   | 0.0   |
| Imax >90°                                  | 0.0   |
| Imax >95°                                  | 0.0   |

# Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br><b>Streetlight 21 mini LED</b> | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br><b>59081_867</b> |
|---|--|--------------------------------------|

|                                 |                  |                |                  |                |  |
|---------------------------------|------------------|----------------|------------------|----------------|--|
| <b>Envelope curve in cd/klm</b> | <b>KMK 67.5°</b> | <b>KMK 65°</b> | <b>KMK 62.5°</b> | <b>KMK 60°</b> |  |
|---------------------------------|------------------|----------------|------------------|----------------|--|



## Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br><b>Streetlight 21 mini LED</b> | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br><b>59081_867</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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 241.6                        | 241.6      | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       |
| 2,5°     | 241.2                        | 242.0      | 242.3       | 244.6       | 244.8       | 245.6       | 247.5       | 249.2       | 247.9       | 248.6       | 249.4       | 249.4       | 252.1       |
| 5,0°     | 242.8                        | 244.4      | 246.4       | 248.5       | 250.4       | 250.4       | 252.4       | 251.7       | 252.9       | 252.6       | 256.1       | 257.1       | 257.8       |
| 7,5°     | 238.1                        | 244.7      | 246.4       | 249.3       | 254.1       | 253.8       | 256.3       | 259.1       | 262.2       | 263.1       | 264.0       | 270.2       | 274.3       |
| 10,0°    | 249.5                        | 250.2      | 252.0       | 252.1       | 259.2       | 263.7       | 267.3       | 266.8       | 269.8       | 277.2       | 281.7       | 280.5       | 280.0       |
| 12,5°    | 252.1                        | 255.9      | 263.4       | 267.0       | 269.7       | 278.2       | 283.8       | 288.0       | 292.2       | 295.4       | 292.5       | 284.3       | 282.5       |
| 15,0°    | 254.9                        | 259.7      | 266.2       | 274.9       | 280.0       | 287.7       | 293.3       | 298.3       | 295.3       | 290.9       | 287.2       | 283.7       | 284.2       |
| 17,5°    | 256.6                        | 260.1      | 271.3       | 284.8       | 287.9       | 294.5       | 301.9       | 294.7       | 290.2       | 290.7       | 291.7       | 283.4       | 285.5       |
| 20,0°    | 263.5                        | 268.8      | 274.7       | 282.1       | 289.2       | 296.3       | 303.4       | 296.5       | 296.4       | 293.4       | 288.7       | 286.4       | 289.0       |
| 22,5°    | 259.6                        | 274.8      | 287.3       | 297.4       | 301.8       | 299.5       | 298.4       | 305.1       | 306.8       | 304.8       | 295.9       | 292.1       | 289.5       |
| 25,0°    | 266.1                        | 276.1      | 285.1       | 300.8       | 304.0       | 302.6       | 304.5       | 311.0       | 310.2       | 300.7       | 297.4       | 287.1       | 288.5       |
| 27,5°    | 272.3                        | 279.3      | 296.0       | 304.9       | 309.9       | 314.4       | 317.9       | 310.6       | 307.7       | 310.4       | 295.7       | 288.2       | 284.2       |
| 30,0°    | 274.3                        | 289.2      | 300.3       | 316.6       | 310.7       | 316.6       | 319.9       | 318.9       | 312.8       | 302.3       | 293.0       | 291.8       | 303.0       |
| 32,5°    | 279.1                        | 301.8      | 308.2       | 311.8       | 328.0       | 326.7       | 325.8       | 322.5       | 315.6       | 310.9       | 310.7       | 313.2       | 326.1       |
| 35,0°    | 290.3                        | 306.6      | 313.9       | 321.4       | 326.3       | 335.7       | 340.7       | 328.4       | 326.0       | 321.2       | 325.3       | 345.8       | 350.0       |
| 37,5°    | 294.9                        | 312.8      | 318.0       | 328.7       | 341.1       | 344.6       | 341.9       | 346.7       | 346.5       | 347.6       | 362.9       | 374.3       | 375.4       |
| 40,0°    | 294.3                        | 313.3      | 322.6       | 331.9       | 343.9       | 353.4       | 365.0       | 349.2       | 364.3       | 390.5       | 399.4       | 410.7       | 406.8       |
| 42,5°    | 296.2                        | 309.6      | 325.7       | 338.2       | 359.7       | 369.6       | 367.0       | 368.1       | 396.6       | 441.2       | 445.2       | 430.6       | 422.9       |
| 45,0°    | 295.8                        | 310.9      | 331.9       | 350.3       | 366.0       | 373.9       | 386.4       | 416.1       | 448.0       | 481.0       | 472.9       | 440.8       | 413.9       |
| 47,5°    | 295.0                        | 309.3      | 335.6       | 359.3       | 379.7       | 395.4       | 417.5       | 470.9       | 503.3       | 514.4       | 478.4       | 422.0       | 378.4       |
| 50,0°    | 297.1                        | 314.5      | 341.4       | 367.3       | 399.9       | 438.3       | 493.0       | 538.5       | 552.9       | 521.1       | 455.9       | 389.4       | 328.3       |
| 52,5°    | 304.1                        | 328.9      | 343.7       | 368.4       | 425.7       | 514.1       | 577.6       | 608.3       | 578.7       | 500.9       | 416.3       | 327.5       | 253.0       |
| 55,0°    | 310.1                        | 333.9      | 356.5       | 394.4       | 487.6       | 595.7       | 651.0       | 646.3       | 561.3       | 455.6       | 325.0       | 237.0       | 181.1       |
| 57,5°    | 318.6                        | 348.3      | 372.4       | 430.0       | 573.5       | 693.1       | 711.4       | 657.9       | 500.3       | 322.7       | 213.2       | 147.1       | 101.6       |
| 60,0°    | 324.7                        | 361.8      | 392.8       | 503.4       | 688.8       | 759.6       | 755.3       | 579.5       | 348.8       | 203.5       | 120.8       | 83.4        | 65.9        |
| 62,5°    | 324.4                        | 382.8      | 438.5       | 601.3       | 765.0       | 821.8       | 701.7       | 408.6       | 209.8       | 117.2       | 71.5        | 56.9        | 47.8        |
| 65,0°    | 333.4                        | 399.5      | 475.5       | 706.3       | 826.4       | 849.8       | 548.2       | 221.0       | 113.1       | 76.8        | 55.7        | 41.0        | 36.7        |
| 67,5°    | 373.8                        | 437.3      | 568.4       | 809.1       | 850.8       | 678.6       | 279.2       | 107.7       | 74.5        | 62.1        | 43.2        | 32.6        | 31.2        |
| 70,0°    | 387.7                        | 464.2      | 653.7       | 826.1       | 758.4       | 435.7       | 109.8       | 75.1        | 59.5        | 49.6        | 33.2        | 30.6        | 30.4        |
| 72,5°    | 352.6                        | 441.9      | 676.5       | 725.8       | 577.5       | 196.6       | 70.4        | 55.5        | 45.7        | 39.8        | 29.7        | 22.8        | 23.7        |
| 75,0°    | 295.8                        | 412.3      | 568.9       | 514.5       | 344.7       | 80.9        | 53.8        | 39.8        | 29.9        | 31.3        | 23.0        | 17.7        | 16.7        |
| 77,5°    | 213.1                        | 276.5      | 324.1       | 259.9       | 142.0       | 43.1        | 29.2        | 20.9        | 19.0        | 22.5        | 18.6        | 15.0        | 14.8        |
| 80,0°    | 96.9                         | 99.6       | 98.7        | 79.6        | 43.8        | 20.2        | 12.7        | 11.1        | 13.4        | 14.1        | 12.0        | 9.7         | 10.4        |
| 82,5°    | 18.6                         | 21.9       | 19.9        | 11.4        | 8.2         | 6.5         | 5.2         | 5.0         | 6.6         | 7.4         | 7.2         | 5.6         | 6.1         |
| 85,0°    | 1.2                          | 1.2        | 1.3         | 1.4         | 1.4         | 1.6         | 1.6         | 1.7         | 2.2         | 2.8         | 2.5         | 2.3         | 2.1         |
| 87,5°    | 0.3                          | 0.3        | 0.3         | 0.4         | 0.4         | 0.5         | 0.5         | 0.4         | 0.4         | 0.4         | 0.5         | 0.4         | 0.4         |
| 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 mini LED</b> | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br><b>59081_867</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |

siteco

| 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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 241.6                        | 241.6       | 241.6       | 241.6       | 241.6      | 241.6 | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        |
| 2,5°     | 252.7                        | 252.3       | 253.5       | 253.9       | 252.0      | 253.8 | 240.2        | 239.2        | 240.4        | 239.0        | 237.8        | 236.9        | 238.2        |
| 5,0°     | 261.6                        | 262.9       | 262.6       | 262.5       | 264.1      | 265.6 | 242.6        | 240.6        | 238.7        | 238.3        | 235.4        | 234.3        | 235.6        |
| 7,5°     | 275.6                        | 278.5       | 278.2       | 277.4       | 277.8      | 277.0 | 238.4        | 241.3        | 240.2        | 242.8        | 238.2        | 235.5        | 230.7        |
| 10,0°    | 284.8                        | 286.5       | 285.3       | 284.2       | 283.5      | 286.0 | 246.7        | 248.1        | 242.7        | 241.4        | 234.0        | 230.9        | 226.1        |
| 12,5°    | 282.9                        | 285.3       | 280.5       | 275.7       | 279.2      | 280.2 | 254.8        | 247.0        | 239.2        | 236.8        | 229.0        | 222.6        | 221.7        |
| 15,0°    | 281.8                        | 277.5       | 277.9       | 279.4       | 277.7      | 277.4 | 244.7        | 239.6        | 238.4        | 234.6        | 230.0        | 219.2        | 214.8        |
| 17,5°    | 283.9                        | 277.3       | 277.7       | 278.9       | 281.6      | 284.0 | 248.6        | 244.3        | 240.8        | 236.9        | 228.6        | 219.6        | 210.1        |
| 20,0°    | 284.6                        | 279.3       | 279.5       | 278.5       | 278.6      | 283.3 | 250.4        | 244.8        | 243.7        | 227.9        | 221.0        | 216.4        | 210.3        |
| 22,5°    | 284.0                        | 276.8       | 272.6       | 269.1       | 269.6      | 266.4 | 255.9        | 245.3        | 244.2        | 231.5        | 219.1        | 210.1        | 200.8        |
| 25,0°    | 275.9                        | 270.8       | 271.0       | 266.2       | 274.3      | 266.8 | 255.1        | 246.9        | 247.0        | 236.8        | 224.1        | 207.1        | 197.3        |
| 27,5°    | 277.2                        | 288.3       | 288.6       | 296.6       | 291.7      | 292.3 | 261.4        | 252.5        | 247.8        | 238.4        | 222.4        | 196.8        | 187.3        |
| 30,0°    | 300.5                        | 303.6       | 307.8       | 308.9       | 315.5      | 295.9 | 263.4        | 249.0        | 247.9        | 235.1        | 214.7        | 195.0        | 180.4        |
| 32,5°    | 328.9                        | 326.4       | 327.8       | 332.8       | 327.9      | 340.2 | 269.9        | 256.6        | 249.9        | 235.9        | 208.8        | 190.6        | 172.1        |
| 35,0°    | 351.6                        | 348.3       | 339.6       | 342.2       | 331.1      | 336.2 | 268.3        | 256.9        | 245.4        | 228.0        | 192.6        | 183.8        | 161.7        |
| 37,5°    | 368.3                        | 358.0       | 349.0       | 341.4       | 341.3      | 326.8 | 275.2        | 256.7        | 243.1        | 220.7        | 189.6        | 173.4        | 144.9        |
| 40,0°    | 386.9                        | 376.4       | 360.5       | 348.9       | 343.2      | 330.2 | 273.0        | 257.9        | 233.4        | 208.2        | 175.4        | 159.5        | 133.5        |
| 42,5°    | 394.5                        | 377.0       | 352.8       | 342.8       | 324.4      | 313.6 | 277.4        | 255.6        | 229.9        | 194.1        | 171.3        | 138.8        | 126.0        |
| 45,0°    | 373.7                        | 341.2       | 311.2       | 287.0       | 275.0      | 280.3 | 269.7        | 257.0        | 221.7        | 179.7        | 156.7        | 124.5        | 119.8        |
| 47,5°    | 332.0                        | 291.1       | 265.7       | 241.8       | 221.6      | 223.1 | 275.8        | 249.1        | 205.7        | 165.3        | 142.6        | 109.4        | 111.0        |
| 50,0°    | 269.1                        | 232.1       | 206.2       | 184.4       | 172.7      | 170.4 | 273.8        | 244.3        | 195.3        | 150.3        | 126.0        | 94.7         | 101.4        |
| 52,5°    | 205.2                        | 169.9       | 145.0       | 128.5       | 115.1      | 114.5 | 281.2        | 239.7        | 184.0        | 136.5        | 110.2        | 80.3         | 85.7         |
| 55,0°    | 131.1                        | 105.8       | 91.9        | 86.1        | 80.5       | 76.4  | 280.3        | 234.7        | 170.5        | 129.9        | 97.7         | 73.5         | 69.5         |
| 57,5°    | 73.3                         | 66.6        | 63.9        | 61.6        | 62.7       | 65.4  | 278.3        | 218.0        | 152.3        | 128.6        | 92.8         | 69.3         | 60.8         |
| 60,0°    | 48.6                         | 47.2        | 42.4        | 46.5        | 48.7       | 49.2  | 272.7        | 199.4        | 130.1        | 119.1        | 83.8         | 65.0         | 57.4         |
| 62,5°    | 40.8                         | 39.5        | 39.7        | 41.1        | 40.0       | 38.8  | 256.8        | 173.8        | 115.3        | 109.6        | 83.4         | 61.6         | 54.5         |
| 65,0°    | 37.1                         | 33.9        | 37.3        | 36.9        | 36.5       | 33.5  | 258.2        | 159.9        | 96.1         | 94.2         | 81.3         | 61.6         | 46.5         |
| 67,5°    | 34.6                         | 32.3        | 33.4        | 34.6        | 33.0       | 31.3  | 280.0        | 147.2        | 77.5         | 76.0         | 77.6         | 59.7         | 40.8         |
| 70,0°    | 32.0                         | 32.4        | 30.4        | 31.7        | 27.2       | 29.4  | 247.6        | 108.4        | 58.8         | 62.7         | 73.3         | 58.4         | 38.2         |
| 72,5°    | 25.2                         | 26.4        | 26.2        | 25.4        | 24.8       | 23.6  | 184.7        | 71.9         | 48.7         | 47.4         | 57.3         | 50.8         | 34.9         |
| 75,0°    | 18.7                         | 17.1        | 18.0        | 18.7        | 18.1       | 18.1  | 95.7         | 27.7         | 25.4         | 34.3         | 36.0         | 34.8         | 26.3         |
| 77,5°    | 14.2                         | 12.3        | 12.0        | 12.2        | 12.3       | 12.3  | 55.6         | 9.6          | 10.9         | 31.1         | 30.8         | 23.9         | 17.8         |
| 80,0°    | 9.5                          | 8.8         | 8.8         | 7.5         | 7.9        | 7.8   | 31.0         | 5.8          | 8.6          | 24.2         | 22.9         | 16.0         | 10.4         |
| 82,5°    | 5.3                          | 5.0         | 4.6         | 4.2         | 4.0        | 3.9   | 6.6          | 3.0          | 4.1          | 6.3          | 5.3          | 3.5          | 3.5          |
| 85,0°    | 2.4                          | 2.0         | 1.4         | 1.5         | 1.4        | 1.5   | 1.1          | 1.0          | 1.1          | 0.9          | 0.9          | 0.9          | 0.8          |
| 87,5°    | 0.4                          | 0.4         | 0.3         | 0.3         | 0.3        | 0.2   | 0.3          | 0.3          | 0.2          | 0.2          | 0.2          | 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 mini LED</b> | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br><b>59081_867</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°     | 241.6                        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6 | 0.4                     | 0.4               |
| 2,5°     | 241.3                        | 240.5        | 242.5        | 240.1        | 240.5        | 238.9        | 241.6        | 240.1        | 240.9        | 241.1        | 242.6 | 2.9                     | 3.3               |
| 5,0°     | 232.5                        | 230.0        | 225.5        | 221.8        | 226.5        | 227.3        | 225.3        | 224.8        | 224.3        | 223.2        | 221.9 | 5.8                     | 9.1               |
| 7,5°     | 228.8                        | 226.5        | 219.5        | 220.7        | 219.6        | 217.7        | 217.0        | 215.7        | 214.0        | 216.2        | 214.1 | 8.8                     | 17.9              |
| 10,0°    | 221.8                        | 216.9        | 211.2        | 208.7        | 206.8        | 206.5        | 210.1        | 210.0        | 211.5        | 208.9        | 215.3 | 11.8                    | 29.6              |
| 12,5°    | 221.7                        | 219.0        | 212.0        | 208.5        | 206.1        | 204.8        | 203.5        | 204.8        | 201.1        | 201.1        | 201.2 | 14.8                    | 44.4              |
| 15,0°    | 211.3                        | 207.1        | 204.4        | 200.9        | 196.2        | 194.7        | 186.5        | 183.8        | 185.7        | 182.0        | 180.8 | 17.4                    | 61.9              |
| 17,5°    | 206.3                        | 200.6        | 196.9        | 186.4        | 183.3        | 178.8        | 172.8        | 169.8        | 169.5        | 171.3        | 167.7 | 20.1                    | 82.0              |
| 20,0°    | 201.6                        | 192.2        | 182.0        | 171.8        | 168.4        | 169.4        | 161.9        | 159.0        | 152.8        | 148.9        | 148.7 | 22.6                    | 104.6             |
| 22,5°    | 189.5                        | 176.3        | 168.2        | 165.5        | 154.6        | 153.5        | 147.6        | 143.0        | 146.7        | 143.6        | 139.5 | 25.0                    | 129.6             |
| 25,0°    | 184.5                        | 169.4        | 158.8        | 149.7        | 145.1        | 148.3        | 144.2        | 138.2        | 133.4        | 130.4        | 128.2 | 27.4                    | 157.0             |
| 27,5°    | 173.0                        | 162.7        | 150.4        | 149.3        | 152.3        | 145.3        | 136.2        | 132.8        | 127.0        | 122.5        | 119.2 | 30.2                    | 187.2             |
| 30,0°    | 162.4                        | 143.6        | 144.2        | 152.2        | 146.6        | 139.1        | 131.5        | 121.9        | 116.8        | 109.9        | 110.0 | 32.9                    | 220.1             |
| 32,5°    | 151.4                        | 142.8        | 146.9        | 152.1        | 141.3        | 130.1        | 121.6        | 111.3        | 102.8        | 98.5         | 94.4  | 36.1                    | 256.2             |
| 35,0°    | 140.7                        | 148.0        | 157.5        | 143.3        | 130.4        | 119.8        | 107.6        | 101.9        | 94.1         | 89.2         | 89.6  | 39.0                    | 295.2             |
| 37,5°    | 138.0                        | 151.9        | 149.9        | 134.8        | 118.8        | 107.3        | 100.5        | 88.0         | 82.4         | 76.3         | 72.6  | 41.9                    | 337.1             |
| 40,0°    | 134.4                        | 154.1        | 135.3        | 122.6        | 107.1        | 94.1         | 82.6         | 75.7         | 70.2         | 69.0         | 67.6  | 44.8                    | 381.9             |
| 42,5°    | 138.4                        | 139.5        | 121.1        | 109.8        | 93.4         | 82.5         | 71.8         | 67.9         | 67.8         | 68.3         | 64.3  | 47.4                    | 429.2             |
| 45,0°    | 135.6                        | 129.0        | 109.2        | 95.4         | 84.3         | 74.3         | 65.8         | 66.7         | 65.5         | 64.6         | 65.4  | 48.8                    | 478.1             |
| 47,5°    | 125.8                        | 116.1        | 98.6         | 83.3         | 73.0         | 64.2         | 64.1         | 63.7         | 65.2         | 64.9         | 63.6  | 49.6                    | 527.7             |
| 50,0°    | 107.6                        | 99.0         | 88.5         | 78.2         | 64.9         | 64.1         | 63.1         | 62.8         | 63.9         | 65.5         | 68.4  | 50.0                    | 577.6             |
| 52,5°    | 82.9                         | 78.7         | 77.0         | 68.7         | 62.1         | 60.2         | 64.1         | 62.3         | 63.2         | 61.5         | 60.9  | 49.5                    | 627.1             |
| 55,0°    | 64.7                         | 64.0         | 67.3         | 59.9         | 58.1         | 58.2         | 61.6         | 60.8         | 61.2         | 59.8         | 60.3  | 48.5                    | 675.6             |
| 57,5°    | 53.0                         | 55.4         | 58.6         | 53.2         | 55.7         | 56.3         | 57.2         | 58.4         | 55.2         | 57.5         | 58.2  | 47.1                    | 722.8             |
| 60,0°    | 49.5                         | 48.0         | 49.5         | 47.1         | 48.3         | 48.9         | 50.3         | 49.9         | 51.1         | 50.6         | 52.4  | 45.5                    | 768.2             |
| 62,5°    | 42.5                         | 42.0         | 42.1         | 39.9         | 42.7         | 41.6         | 42.2         | 42.0         | 42.4         | 42.1         | 39.2  | 43.6                    | 811.9             |
| 65,0°    | 40.5                         | 35.1         | 38.1         | 36.5         | 35.7         | 35.7         | 33.2         | 31.9         | 31.9         | 30.6         | 32.6  | 41.7                    | 853.6             |
| 67,5°    | 33.0                         | 31.2         | 36.8         | 31.9         | 30.2         | 29.8         | 27.8         | 24.5         | 24.4         | 22.9         | 23.8  | 39.4                    | 892.9             |
| 70,0°    | 29.7                         | 26.8         | 31.6         | 27.6         | 24.7         | 23.0         | 20.2         | 19.4         | 17.5         | 17.6         | 16.9  | 35.6                    | 928.5             |
| 72,5°    | 23.8                         | 22.1         | 24.3         | 22.0         | 18.8         | 15.9         | 14.1         | 13.3         | 12.0         | 11.5         | 10.8  | 29.6                    | 958.2             |
| 75,0°    | 17.8                         | 15.2         | 17.8         | 16.9         | 13.4         | 11.6         | 9.2          | 7.4          | 6.2          | 5.9          | 5.9   | 21.6                    | 979.7             |
| 77,5°    | 13.5                         | 11.4         | 11.0         | 11.4         | 10.7         | 7.7          | 5.3          | 3.3          | 2.5          | 1.9          | 1.7   | 12.8                    | 992.6             |
| 80,0°    | 7.9                          | 5.9          | 6.5          | 6.2          | 5.3          | 4.4          | 3.9          | 1.5          | 1.0          | 0.8          | 0.8   | 5.5                     | 998.1             |
| 82,5°    | 3.3                          | 2.7          | 2.5          | 2.3          | 2.2          | 1.7          | 2.0          | 0.7          | 0.3          | 0.2          | 0.2   | 1.5                     | 999.6             |
| 85,0°    | 0.6                          | 0.6          | 0.5          | 0.4          | 0.2          | 0.2          | 0.2          | 0.1          | 0.0          | 0.1          | 0.1   | 0.3                     | 999.9             |
| 87,5°    | 0.1                          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                     | 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

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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br>59081_867 |
|--|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 9450               | 70.9                                    | 75.1                                  | 73.0                          |
| 95              | 241                  | 252                       | 8966               | 65.9                                    | 69.9                                  | 67.9                          |
| 90              | 229                  | 250                       | 8520               | 61.6                                    | 65.2                                  | 63.4                          |
| 85              | 216                  | 248                       | 8036               | 57.1                                    | 60.5                                  | 58.8                          |
| 80              | 203                  | 246                       | 7553               | 52.8                                    | 55.8                                  | 54.3                          |
| 75              | 190                  | 243                       | 7069               | 48.7                                    | 51.5                                  | 50.1                          |
| 70              | 178                  | 241                       | 6622               | 45.0                                    | 47.5                                  | 46.2                          |
| 65              | 165                  | 238                       | 6139               | 41.1                                    | 43.5                                  | 42.3                          |
| 60              | 152                  | 235                       | 5655               | 37.4                                    | 39.5                                  | 38.4                          |
| 55              | 140                  | 232                       | 5209               | 34.2                                    | 36.0                                  | 35.1                          |
| 50              | 127                  | 229                       | 4725               | 30.7                                    | 32.3                                  | 31.5                          |
| 45              | 114                  | 225                       | 4241               | 27.5                                    | 28.8                                  | 28.2                          |
| 40              | 102                  | 221                       | 3795               | 24.4                                    | 25.6                                  | 25.0                          |
| 35              | 89                   | 216                       | 3311               | 21.2                                    | 22.3                                  | 21.8                          |
| 30              | 76                   | 210                       | 2828               | 18.2                                    | 19.1                                  | 18.6                          |
| 25              | 63                   | 203                       | 2344               | 15.3                                    | 16.0                                  | 15.6                          |
| 20              | 51                   | 195                       | 1897               | 12.7                                    | 13.3                                  | 13.0                          |
| 15              | 38                   | 184                       | 1414               | 9.9                                     | 10.3                                  | 10.1                          |
| 11              | 27                   | 172                       | 1005               | 7.8                                     | 8.0                                   | 7.9                           |

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

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 9450               | 68.9                                    | 71.9                                  | 70.4                          |
| 95              | 241                  | 252                       | 8966               | 64.4                                    | 67.1                                  | 65.8                          |
| 90              | 229                  | 250                       | 8520               | 60.3                                    | 62.9                                  | 61.6                          |
| 85              | 216                  | 248                       | 8036               | 56.1                                    | 58.4                                  | 57.2                          |
| 80              | 203                  | 246                       | 7553               | 52.0                                    | 54.1                                  | 53.0                          |
| 75              | 190                  | 243                       | 7069               | 48.0                                    | 50.0                                  | 49.0                          |
| 70              | 178                  | 241                       | 6622               | 44.4                                    | 46.3                                  | 45.3                          |
| 65              | 165                  | 238                       | 6139               | 40.8                                    | 42.4                                  | 41.6                          |
| 60              | 152                  | 235                       | 5655               | 37.2                                    | 38.6                                  | 37.9                          |
| 55              | 140                  | 232                       | 5209               | 33.9                                    | 35.3                                  | 34.6                          |
| 50              | 127                  | 229                       | 4725               | 30.6                                    | 31.8                                  | 31.2                          |
| 45              | 114                  | 225                       | 4241               | 27.3                                    | 28.3                                  | 27.8                          |
| 40              | 102                  | 221                       | 3795               | 24.4                                    | 25.3                                  | 24.8                          |
| 35              | 89                   | 216                       | 3311               | 21.2                                    | 22.1                                  | 21.6                          |
| 30              | 76                   | 210                       | 2828               | 18.2                                    | 18.9                                  | 18.5                          |
| 25              | 63                   | 203                       | 2344               | 15.4                                    | 15.9                                  | 15.6                          |
| 20              | 51                   | 195                       | 1897               | 12.7                                    | 13.2                                  | 13.0                          |
| 15              | 38                   | 184                       | 1414               | 9.9                                     | 10.2                                  | 10.0                          |
| 11              | 27                   | 172                       | 1005               | 8.0                                     | 8.1                                   | 8.0                           |

## Photometric test report

|  |  |                               |
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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br>59081_867 |
|--|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 9450               | 69.7                                    | 72.8                                  | 71.2                          |
| 95              | 241                  | 252                       | 8966               | 65.0                                    | 67.8                                  | 66.4                          |
| 90              | 229                  | 250                       | 8520               | 60.8                                    | 63.5                                  | 62.2                          |
| 85              | 216                  | 248                       | 8036               | 56.5                                    | 58.8                                  | 57.6                          |
| 80              | 203                  | 246                       | 7553               | 52.4                                    | 54.4                                  | 53.4                          |
| 75              | 190                  | 243                       | 7069               | 48.3                                    | 50.2                                  | 49.2                          |
| 70              | 178                  | 241                       | 6622               | 44.6                                    | 46.4                                  | 45.5                          |
| 65              | 165                  | 238                       | 6139               | 40.9                                    | 42.5                                  | 41.7                          |
| 60              | 152                  | 235                       | 5655               | 37.3                                    | 38.7                                  | 38.0                          |
| 55              | 140                  | 232                       | 5209               | 34.0                                    | 35.3                                  | 34.6                          |
| 50              | 127                  | 229                       | 4725               | 30.6                                    | 31.8                                  | 31.2                          |
| 45              | 114                  | 225                       | 4241               | 27.3                                    | 28.3                                  | 27.8                          |
| 40              | 102                  | 221                       | 3795               | 24.3                                    | 25.2                                  | 24.8                          |
| 35              | 89                   | 216                       | 3311               | 21.2                                    | 22.0                                  | 21.6                          |
| 30              | 76                   | 210                       | 2828               | 18.2                                    | 18.8                                  | 18.5                          |
| 25              | 63                   | 203                       | 2344               | 15.3                                    | 15.8                                  | 15.6                          |
| 20              | 51                   | 195                       | 1897               | 12.7                                    | 13.1                                  | 12.9                          |
| 15              | 38                   | 184                       | 1414               | 10.0                                    | 10.2                                  | 10.1                          |
| 11              | 27                   | 172                       | 1005               | 7.9                                     | 8.0                                   | 8.0                           |

**Photometric test report**

|  |  |                               |
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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2C31G08HB</b><br><b>EAN: 4058352724804</b> | <b>LP number</b><br>59081_867 |
|--|--|-------------------------------|

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

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 9450.0              | 70.9                   |
| 5.0               | 9450.0              | 68.9                   |
| 15.0              | 9450.0              | 69.7                   |