

## Photometric test report

**Family**  
**Streetlight 21 mini LED**

**Order number: 5XE2U33T08GB**  
**EAN: 4069025150103**

**LP number**  
**59536\_392**



**Version** post-top or side-entry mounting, Smart Interface up/down  
**Optic** asymmetric, extremely wide distribution (P0.8a)  
**Cover** toughened safety glass  
**Lamps** LED 3000 K | CRI ≥ 70  
**Controlgear** EVG-Smart Interface  
**Rated values** Net luminous flux = 5990 lm  
 Power consumption = 40.4 W  
 Luminous efficacy = 148.3 lm/W

**serial**  
**documentation**  
**18.01.2024**

**siteco**

**Luminous intensity in cd/klm**

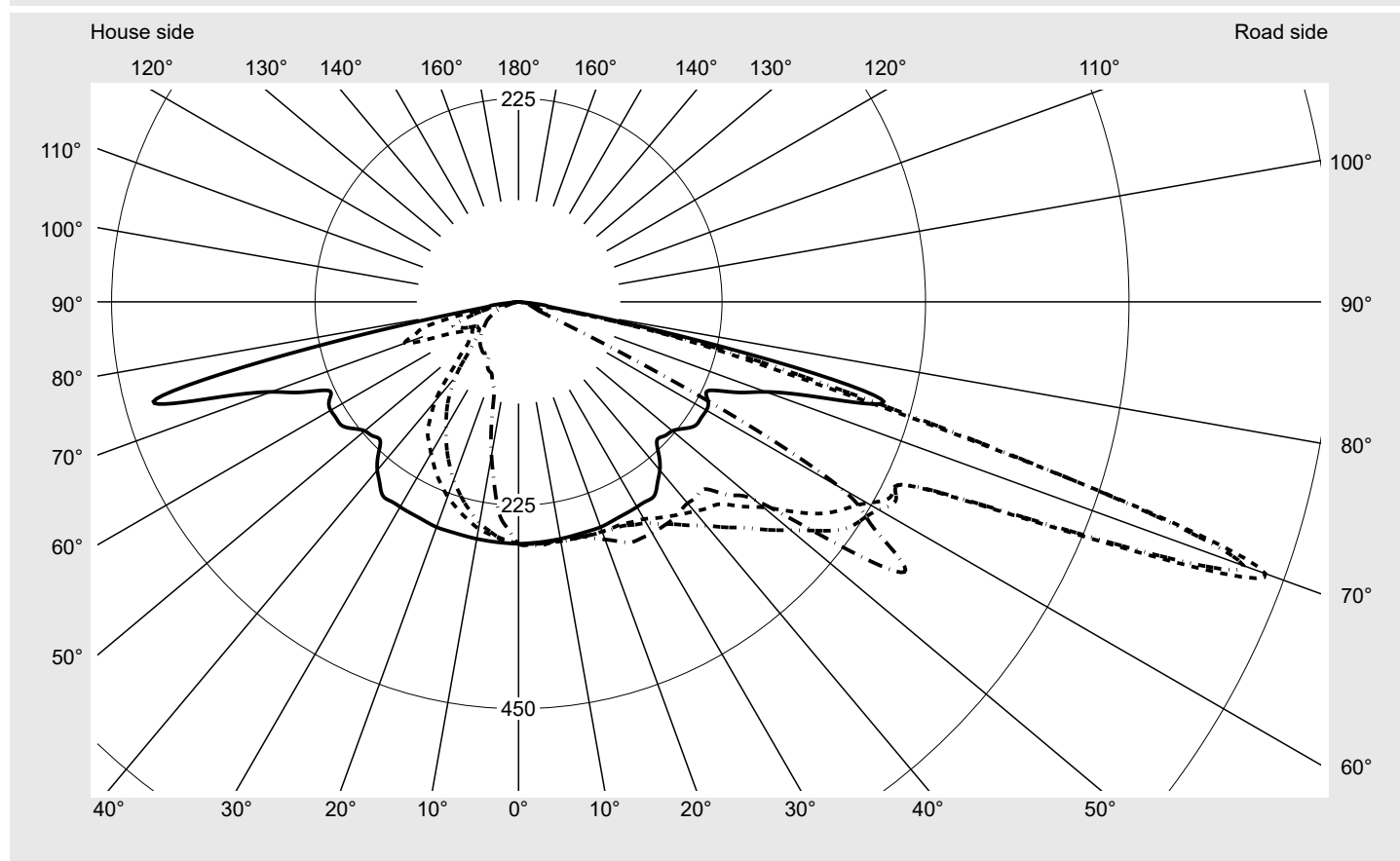
**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 879 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:    | G3    |
| Imax 70°  | 878.7 |
| Imax 80°  | 57.3  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

### Measurement conditions

DIN EN 13032 and DIN 5032

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EAN: **4069025150103**

LP number  
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Envelope curve in cd/klm

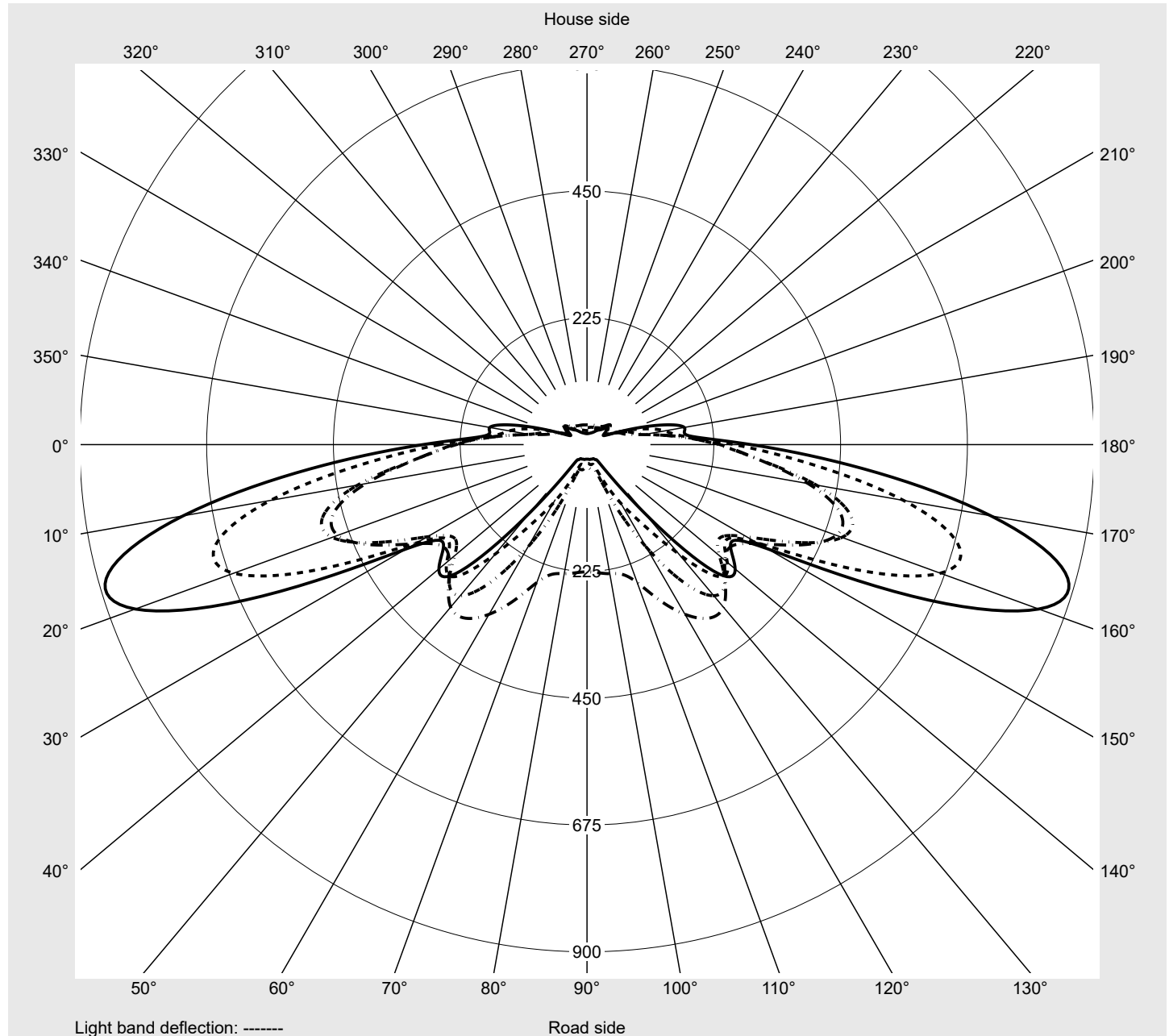
KMK 70°

KMK 67.5°

KMK 65°

KMK 62.5°

**sit**eco



Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2U33T08GB<br>EAN: 4069025150103 | LP number<br>59536_392 |
|-----------------------------------|--------------------------------------------------|------------------------|

|                                          |                            |        |
|------------------------------------------|----------------------------|--------|
| 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°         | 267.5                        | 267.5      | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       |
| 2,5°         | 267.2                        | 267.2      | 267.4       | 267.7       | 268.0       | 268.2       | 268.3       | 268.4       | 268.7       | 268.6       | 268.6       | 268.7       | 268.7       |
| 5,0°         | 266.9                        | 266.9      | 267.2       | 267.8       | 268.6       | 268.9       | 269.1       | 269.3       | 269.8       | 269.6       | 269.6       | 269.8       | 269.9       |
| 7,5°         | 266.5                        | 266.7      | 267.4       | 268.3       | 269.0       | 269.1       | 269.0       | 269.1       | 269.2       | 269.0       | 268.6       | 268.3       | 268.2       |
| 10,0°        | 266.2                        | 266.6      | 267.5       | 268.8       | 269.4       | 269.4       | 269.0       | 268.9       | 268.7       | 268.3       | 267.5       | 266.8       | 266.5       |
| 12,5°        | 265.7                        | 266.8      | 267.7       | 268.9       | 269.3       | 269.2       | 268.7       | 268.4       | 268.0       | 267.7       | 267.2       | 266.8       | 266.7       |
| 15,0°        | 265.2                        | 267.0      | 267.9       | 269.1       | 269.2       | 269.1       | 268.3       | 267.9       | 267.3       | 267.0       | 266.9       | 266.8       | 267.0       |
| 17,5°        | 265.2                        | 267.9      | 268.8       | 269.7       | 270.1       | 270.0       | 269.8       | 269.8       | 269.9       | 270.4       | 270.8       | 271.1       | 271.6       |
| 20,0°        | 265.1                        | 268.9      | 269.6       | 270.3       | 271.0       | 270.8       | 271.2       | 271.7       | 272.4       | 273.8       | 274.7       | 275.4       | 276.3       |
| 22,5°        | 264.0                        | 268.4      | 269.8       | 270.7       | 272.2       | 273.3       | 274.8       | 276.9       | 278.7       | 280.6       | 282.2       | 283.8       | 285.0       |
| 25,0°        | 262.8                        | 268.0      | 269.9       | 271.2       | 273.4       | 275.7       | 278.4       | 282.1       | 285.0       | 287.4       | 289.7       | 292.2       | 293.7       |
| 27,5°        | 262.3                        | 269.0      | 271.7       | 274.3       | 277.9       | 281.8       | 286.1       | 291.1       | 295.3       | 299.0       | 301.4       | 302.9       | 302.7       |
| 30,0°        | 261.9                        | 269.9      | 273.5       | 277.4       | 282.5       | 287.8       | 293.9       | 300.0       | 305.5       | 310.6       | 313.1       | 313.5       | 311.7       |
| 32,5°        | 261.8                        | 271.7      | 277.3       | 283.5       | 291.4       | 299.5       | 307.7       | 315.0       | 321.0       | 325.6       | 326.4       | 323.2       | 318.0       |
| 35,0°        | 261.7                        | 273.6      | 281.1       | 289.6       | 300.3       | 311.1       | 321.4       | 329.9       | 336.4       | 340.6       | 339.8       | 332.9       | 324.3       |
| 37,5°        | 252.3                        | 268.4      | 281.4       | 296.0       | 311.7       | 326.6       | 338.9       | 348.1       | 353.7       | 354.6       | 350.3       | 339.3       | 327.6       |
| 40,0°        | 243.0                        | 263.2      | 281.8       | 302.4       | 323.1       | 342.1       | 356.4       | 366.4       | 370.9       | 368.7       | 360.7       | 345.6       | 330.9       |
| 42,5°        | 229.8                        | 256.4      | 281.5       | 309.4       | 338.2       | 363.9       | 378.3       | 385.7       | 385.6       | 377.9       | 365.2       | 348.0       | 332.0       |
| 45,0°        | 216.5                        | 249.6      | 281.2       | 316.3       | 353.3       | 385.7       | 400.3       | 405.0       | 400.3       | 387.0       | 369.7       | 350.4       | 333.1       |
| 47,5°        | 219.3                        | 258.6      | 295.9       | 335.0       | 373.2       | 403.4       | 416.6       | 415.9       | 404.4       | 385.7       | 366.0       | 350.2       | 338.2       |
| 50,0°        | 222.0                        | 267.6      | 310.6       | 353.7       | 393.0       | 421.0       | 433.0       | 426.9       | 408.5       | 384.3       | 362.2       | 350.0       | 343.3       |
| 52,5°        | 230.3                        | 281.2      | 331.6       | 380.9       | 415.7       | 432.1       | 429.8       | 415.1       | 391.8       | 372.1       | 363.5       | 370.8       | 388.4       |
| 55,0°        | 238.5                        | 294.7      | 352.7       | 408.1       | 438.3       | 443.1       | 426.6       | 403.4       | 375.0       | 359.8       | 364.8       | 391.6       | 433.4       |
| 57,5°        | 239.2                        | 300.2      | 368.4       | 426.7       | 449.2       | 436.9       | 401.3       | 371.3       | 353.4       | 354.2       | 384.0       | 423.0       | 459.6       |
| 60,0°        | 239.9                        | 305.7      | 384.0       | 445.2       | 460.1       | 430.6       | 376.1       | 339.2       | 331.9       | 348.6       | 403.2       | 454.3       | 485.7       |
| 62,5°        | 236.0                        | 306.5      | 398.6       | 464.7       | 470.8       | 420.8       | 351.7       | 313.7       | 319.3       | 347.2       | 376.6       | 376.0       | 347.7       |
| 65,0°        | 232.2                        | 307.3      | 413.1       | 484.1       | 481.4       | 410.9       | 327.3       | 288.2       | 306.7       | 345.7       | 350.0       | 297.8       | 209.7       |
| 67,5°        | 261.7                        | 400.0      | 570.4       | 681.4       | 667.3       | 523.6       | 348.4       | 299.5       | 324.9       | 331.4       | 253.7       | 172.7       | 120.4       |
| 70,0°        | 291.2                        | 492.6      | 727.8       | 878.7       | 853.1       | 636.3       | 369.5       | 310.8       | 343.1       | 317.0       | 157.5       | 47.7        | 31.0        |
| 72,5°        | 353.0                        | 430.5      | 526.3       | 594.6       | 600.5       | 549.8       | 505.8       | 527.8       | 350.6       | 186.2       | 90.1        | 34.6        | 25.1        |
| 75,0°        | 414.8                        | 368.5      | 324.8       | 310.5       | 347.9       | 463.4       | 642.1       | 744.8       | 358.1       | 55.4        | 22.7        | 21.6        | 19.3        |
| 77,5°        | 236.0                        | 205.6      | 178.8       | 168.2       | 183.7       | 239.0       | 334.0       | 387.5       | 184.9       | 33.3        | 17.6        | 16.7        | 14.7        |
| 80,0°        | 57.3                         | 42.7       | 32.7        | 25.9        | 19.4        | 14.6        | 25.9        | 30.2        | 11.7        | 11.3        | 12.5        | 11.9        | 10.0        |
| 82,5°        | 30.0                         | 22.6       | 17.5        | 14.0        | 10.7        | 8.3         | 13.9        | 16.1        | 6.8         | 6.6         | 7.4         | 7.1         | 6.4         |
| 85,0°        | 2.7                          | 2.5        | 2.3         | 2.2         | 2.1         | 2.0         | 2.0         | 2.0         | 2.0         | 2.0         | 2.3         | 2.4         | 2.7         |
| 87,5°        | 1.4                          | 1.3        | 1.1         | 1.1         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.1         | 1.2         | 1.4         |
| 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

|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                        |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|------------------------|--------------|
| Family<br>Streetlight 21 mini LED        |                              | Order number: 5XE2U33T08GB<br>EAN: 4069025150103 |             |             |            |       |              |              |              |                            |              | LP number<br>59536_392 |              |
| 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°                                     | 267.5                        | 267.5                                            | 267.5       | 267.5       | 267.5      | 267.5 | 267.5        | 267.5        | 267.5        | 267.5                      | 267.5        | 267.5                  | 267.5        |
| 2,5°                                     | 268.8                        | 268.7                                            | 268.8       | 268.9       | 268.9      | 269.0 | 266.5        | 265.7        | 264.9        | 264.3                      | 263.2        | 262.1                  | 260.9        |
| 5,0°                                     | 270.0                        | 269.8                                            | 270.0       | 270.2       | 270.3      | 270.5 | 265.5        | 264.0        | 262.3        | 261.0                      | 259.0        | 256.8                  | 254.3        |
| 7,5°                                     | 268.1                        | 268.0                                            | 267.8       | 268.0       | 268.1      | 268.3 | 264.6        | 261.7        | 258.5        | 254.8                      | 250.1        | 245.2                  | 240.0        |
| 10,0°                                    | 266.2                        | 266.2                                            | 265.6       | 265.7       | 265.9      | 266.2 | 263.7        | 259.4        | 254.8        | 248.5                      | 241.2        | 233.7                  | 225.8        |
| 12,5°                                    | 266.6                        | 266.7                                            | 266.6       | 266.8       | 267.1      | 267.4 | 262.2        | 256.2        | 248.7        | 239.4                      | 229.0        | 218.0                  | 206.6        |
| 15,0°                                    | 267.0                        | 267.3                                            | 267.5       | 267.9       | 268.3      | 268.7 | 260.7        | 253.0        | 242.7        | 230.3                      | 216.7        | 202.2                  | 187.3        |
| 17,5°                                    | 271.9                        | 272.4                                            | 272.7       | 273.3       | 273.7      | 274.2 | 260.0        | 249.6        | 236.0        | 220.1                      | 202.7        | 184.7                  | 166.5        |
| 20,0°                                    | 276.9                        | 277.5                                            | 277.9       | 278.7       | 279.1      | 279.7 | 259.3        | 246.2        | 229.2        | 209.9                      | 188.8        | 167.2                  | 145.7        |
| 22,5°                                    | 285.7                        | 286.0                                            | 285.3       | 285.9       | 286.0      | 286.6 | 256.1        | 240.7        | 220.9        | 197.9                      | 173.1        | 148.9                  | 124.7        |
| 25,0°                                    | 294.5                        | 294.4                                            | 292.7       | 293.2       | 293.0      | 293.5 | 253.0        | 235.1        | 212.5        | 186.0                      | 157.4        | 130.7                  | 103.7        |
| 27,5°                                    | 301.7                        | 299.6                                            | 296.6       | 295.1       | 294.3      | 294.5 | 249.8        | 229.0        | 203.1        | 173.2                      | 142.1        | 112.9                  | 90.5         |
| 30,0°                                    | 308.9                        | 304.7                                            | 300.5       | 297.1       | 295.6      | 295.6 | 246.5        | 222.9        | 193.6        | 160.4                      | 126.8        | 95.2                   | 77.3         |
| 32,5°                                    | 313.0                        | 307.3                                            | 302.0       | 297.5       | 295.4      | 295.3 | 243.8        | 216.9        | 184.3        | 148.5                      | 113.2        | 85.2                   | 75.5         |
| 35,0°                                    | 317.0                        | 310.0                                            | 303.6       | 298.0       | 295.1      | 294.9 | 241.1        | 211.0        | 175.1        | 136.5                      | 99.5         | 75.1                   | 73.7         |
| 37,5°                                    | 317.8                        | 309.7                                            | 303.3       | 296.8       | 293.1      | 292.9 | 227.5        | 194.9        | 159.3        | 122.5                      | 89.6         | 70.6                   | 71.2         |
| 40,0°                                    | 318.5                        | 309.4                                            | 303.1       | 295.7       | 291.1      | 290.8 | 213.8        | 178.8        | 143.5        | 108.6                      | 79.7         | 66.1                   | 68.6         |
| 42,5°                                    | 318.9                        | 309.7                                            | 303.7       | 297.1       | 292.4      | 291.8 | 194.6        | 156.5        | 121.9        | 92.6                       | 71.9         | 63.8                   | 66.0         |
| 45,0°                                    | 319.2                        | 310.1                                            | 304.3       | 298.5       | 293.8      | 292.9 | 175.4        | 134.2        | 100.3        | 76.6                       | 64.1         | 61.5                   | 63.3         |
| 47,5°                                    | 329.8                        | 326.0                                            | 323.9       | 321.0       | 317.3      | 316.6 | 170.5        | 122.9        | 87.3         | 67.9                       | 61.3         | 60.6                   | 62.1         |
| 50,0°                                    | 340.3                        | 341.9                                            | 343.4       | 343.5       | 340.8      | 340.4 | 165.5        | 111.6        | 74.4         | 59.3                       | 58.4         | 59.8                   | 60.9         |
| 52,5°                                    | 405.0                        | 419.9                                            | 430.4       | 434.7       | 431.6      | 430.6 | 167.0        | 108.2        | 68.4         | 56.2                       | 56.5         | 57.5                   | 57.6         |
| 55,0°                                    | 469.7                        | 498.0                                            | 517.3       | 525.9       | 522.3      | 520.8 | 168.4        | 104.8        | 62.4         | 53.0                       | 54.6         | 55.3                   | 54.3         |
| 57,5°                                    | 478.3                        | 480.2                                            | 474.1       | 472.9       | 468.6      | 465.7 | 167.5        | 102.3        | 61.0         | 53.3                       | 50.4         | 50.0                   | 50.6         |
| 60,0°                                    | 486.8                        | 462.4                                            | 430.8       | 419.9       | 414.9      | 410.5 | 166.7        | 99.7         | 59.6         | 53.6                       | 46.2         | 44.6                   | 46.9         |
| 62,5°                                    | 304.6                        | 260.5                                            | 238.2       | 232.6       | 228.3      | 225.8 | 164.6        | 102.3        | 71.0         | 60.8                       | 46.8         | 42.1                   | 46.4         |
| 65,0°                                    | 122.3                        | 58.5                                             | 45.5        | 45.3        | 41.7       | 41.1  | 162.5        | 104.9        | 82.5         | 68.0                       | 47.5         | 39.6                   | 45.8         |
| 67,5°                                    | 75.0                         | 42.9                                             | 36.1        | 36.0        | 33.8       | 33.5  | 171.9        | 140.1        | 107.9        | 72.2                       | 44.8         | 36.5                   | 43.4         |
| 70,0°                                    | 27.6                         | 27.3                                             | 26.7        | 26.8        | 26.0       | 25.9  | 181.3        | 175.3        | 133.4        | 76.4                       | 42.1         | 33.3                   | 41.1         |
| 72,5°                                    | 22.7                         | 22.0                                             | 21.3        | 21.1        | 20.5       | 20.3  | 265.1        | 189.7        | 120.0        | 62.2                       | 33.7         | 27.5                   | 35.0         |
| 75,0°                                    | 17.7                         | 16.6                                             | 15.9        | 15.3        | 15.0       | 14.8  | 348.9        | 204.0        | 106.7        | 47.9                       | 25.3         | 21.8                   | 29.0         |
| 77,5°                                    | 13.1                         | 12.5                                             | 11.5        | 11.1        | 10.8       | 10.6  | 193.6        | 113.1        | 59.4         | 29.8                       | 17.4         | 15.8                   | 20.3         |
| 80,0°                                    | 8.4                          | 8.3                                              | 7.2         | 6.9         | 6.6        | 6.5   | 38.3         | 22.1         | 12.2         | 11.8                       | 9.4          | 9.8                    | 11.6         |
| 82,5°                                    | 5.4                          | 5.2                                              | 4.5         | 4.3         | 4.1        | 4.0   | 20.5         | 12.5         | 7.6          | 7.4                        | 6.0          | 6.3                    | 7.0          |
| 85,0°                                    | 2.3                          | 2.1                                              | 1.8         | 1.7         | 1.6        | 1.5   | 2.8          | 2.8          | 2.9          | 2.9                        | 2.7          | 2.7                    | 2.5          |
| 87,5°                                    | 1.1                          | 1.0                                              | 0.9         | 0.8         | 0.8        | 0.7   | 1.4          | 1.4          | 1.5          | 1.5                        | 1.4          | 1.4                    | 1.3          |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0                    | 0.0          |

Photometric test report

| Family                                   |                              |              |              | Order number: 5XE2U33T08GB |              |              |              |              |              |              |       | LP number                  |                   |        |  |
|------------------------------------------|------------------------------|--------------|--------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|--|
| Streetlight 21 mini LED                  |                              |              |              | EAN: 4069025150103         |              |              |              |              |              |              |       | 59536_392                  |                   |        |  |
| Table of values for luminous intensities |                              |              |              |                            |              |              |              |              |              |              |       | Maximum luminous intensity |                   | sīteco |  |
| C-<br>planes                             | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305°               | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-zone                   | Total<br>Phi-zone |        |  |
| γ                                        | Luminous intensity in cd/klm |              |              |                            |              |              |              |              |              |              |       | Luminous flux in lm/klm    |                   |        |  |
| 0,0°                                     | 267.5                        | 267.5        | 267.5        | 267.5                      | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5 | 0.4                        | 0.4               |        |  |
| 2,5°                                     | 259.6                        | 258.4        | 257.3        | 256.2                      | 255.1        | 254.3        | 253.6        | 253.0        | 252.6        | 252.4        | 252.3 | 3.2                        | 3.6               |        |  |
| 5,0°                                     | 251.7                        | 249.4        | 247.1        | 244.9                      | 242.7        | 241.1        | 239.8        | 238.5        | 237.7        | 237.3        | 237.2 | 6.2                        | 9.8               |        |  |
| 7,5°                                     | 234.8                        | 230.1        | 225.2        | 220.5                      | 216.3        | 213.0        | 210.1        | 207.9        | 206.2        | 205.4        | 204.8 | 9.0                        | 18.7              |        |  |
| 10,0°                                    | 217.9                        | 210.8        | 203.4        | 196.1                      | 189.9        | 184.8        | 180.4        | 177.3        | 174.8        | 173.4        | 172.5 | 11.5                       | 30.2              |        |  |
| 12,5°                                    | 195.6                        | 185.0        | 175.2        | 166.1                      | 158.0        | 151.4        | 146.3        | 142.8        | 140.4        | 139.1        | 138.4 | 13.6                       | 43.8              |        |  |
| 15,0°                                    | 173.3                        | 159.2        | 147.1        | 136.1                      | 126.1        | 118.1        | 112.2        | 108.3        | 106.0        | 104.7        | 104.3 | 15.5                       | 59.4              |        |  |
| 17,5°                                    | 149.3                        | 133.3        | 121.0        | 111.9                      | 105.2        | 100.8        | 98.1         | 96.7         | 95.8         | 95.3         | 95.2  | 17.6                       | 76.9              |        |  |
| 20,0°                                    | 125.4                        | 107.5        | 94.9         | 87.6                       | 84.4         | 83.5         | 84.0         | 85.2         | 85.7         | 85.9         | 86.1  | 19.5                       | 96.4              |        |  |
| 22,5°                                    | 105.4                        | 93.2         | 87.8         | 86.3                       | 86.0         | 85.8         | 85.4         | 85.1         | 84.3         | 83.6         | 83.3  | 21.7                       | 118.1             |        |  |
| 25,0°                                    | 85.5                         | 78.9         | 80.6         | 84.9                       | 87.6         | 88.0         | 86.8         | 84.9         | 82.9         | 81.2         | 80.5  | 23.8                       | 141.9             |        |  |
| 27,5°                                    | 81.2                         | 81.9         | 85.3         | 88.0                       | 88.0         | 85.8         | 82.5         | 79.3         | 76.2         | 74.0         | 73.1  | 26.1                       | 168.0             |        |  |
| 30,0°                                    | 77.0                         | 84.8         | 90.0         | 91.2                       | 88.3         | 83.6         | 78.3         | 73.6         | 69.6         | 66.7         | 65.7  | 28.2                       | 196.2             |        |  |
| 32,5°                                    | 79.1                         | 85.7         | 88.8         | 87.8                       | 84.1         | 79.6         | 75.2         | 71.9         | 69.4         | 67.7         | 67.1  | 30.6                       | 226.8             |        |  |
| 35,0°                                    | 81.2                         | 86.7         | 87.6         | 84.5                       | 79.9         | 75.6         | 72.2         | 70.2         | 69.3         | 68.6         | 68.4  | 32.9                       | 259.7             |        |  |
| 37,5°                                    | 76.3                         | 79.2         | 78.9         | 77.1                       | 76.1         | 74.0         | 71.1         | 69.2         | 67.9         | 67.1         | 66.7  | 34.9                       | 294.6             |        |  |
| 40,0°                                    | 71.3                         | 71.6         | 70.3         | 69.7                       | 72.4         | 72.5         | 70.0         | 68.2         | 66.6         | 65.5         | 65.1  | 36.8                       | 331.3             |        |  |
| 42,5°                                    | 67.4                         | 67.5         | 68.8         | 69.1                       | 68.9         | 68.5         | 66.8         | 65.5         | 64.3         | 63.3         | 62.9  | 38.5                       | 369.8             |        |  |
| 45,0°                                    | 63.5                         | 63.4         | 67.3         | 68.6                       | 65.4         | 64.6         | 63.6         | 62.8         | 62.0         | 61.1         | 60.7  | 40.2                       | 410.1             |        |  |
| 47,5°                                    | 62.2                         | 64.8         | 65.8         | 64.2                       | 61.6         | 61.0         | 60.1         | 59.3         | 58.4         | 57.5         | 57.2  | 42.8                       | 452.8             |        |  |
| 50,0°                                    | 60.9                         | 66.1         | 64.2         | 59.8                       | 57.9         | 57.4         | 56.6         | 55.8         | 54.8         | 53.9         | 53.6  | 45.3                       | 498.1             |        |  |
| 52,5°                                    | 59.8                         | 63.6         | 59.5         | 55.6                       | 53.9         | 53.3         | 52.6         | 51.7         | 50.6         | 49.9         | 49.7  | 50.1                       | 548.1             |        |  |
| 55,0°                                    | 58.6                         | 61.0         | 54.8         | 51.4                       | 50.0         | 49.2         | 48.5         | 47.6         | 46.5         | 45.9         | 45.9  | 55.0                       | 603.1             |        |  |
| 57,5°                                    | 57.5                         | 56.2         | 50.1         | 47.2                       | 46.0         | 45.1         | 44.4         | 43.8         | 43.2         | 42.8         | 42.8  | 55.3                       | 658.4             |        |  |
| 60,0°                                    | 56.4                         | 51.4         | 45.4         | 43.1                       | 42.0         | 41.0         | 40.4         | 40.0         | 39.8         | 39.7         | 39.6  | 55.4                       | 713.8             |        |  |
| 62,5°                                    | 54.0                         | 47.8         | 42.0         | 39.7                       | 38.3         | 37.1         | 36.5         | 36.0         | 35.5         | 35.1         | 35.0  | 47.7                       | 761.5             |        |  |
| 65,0°                                    | 51.6                         | 44.2         | 38.6         | 36.3                       | 34.6         | 33.2         | 32.5         | 31.9         | 31.2         | 30.5         | 30.5  | 39.5                       | 800.9             |        |  |
| 67,5°                                    | 48.3                         | 41.4         | 36.3         | 33.4                       | 30.6         | 28.5         | 27.4         | 26.5         | 25.7         | 25.0         | 24.9  | 43.3                       | 844.2             |        |  |
| 70,0°                                    | 45.1                         | 38.6         | 34.0         | 30.6                       | 26.6         | 23.9         | 22.2         | 21.1         | 20.1         | 19.6         | 19.4  | 47.1                       | 891.3             |        |  |
| 72,5°                                    | 38.7                         | 34.3         | 30.3         | 25.9                       | 21.5         | 18.5         | 16.7         | 15.5         | 14.5         | 14.0         | 13.8  | 42.6                       | 933.9             |        |  |
| 75,0°                                    | 32.4                         | 30.0         | 26.6         | 21.3                       | 16.4         | 13.1         | 11.3         | 10.0         | 9.0          | 8.3          | 8.1   | 37.9                       | 971.7             |        |  |
| 77,5°                                    | 22.7                         | 22.3         | 20.0         | 15.8                       | 11.7         | 9.2          | 7.7          | 6.6          | 5.6          | 4.9          | 4.7   | 21.1                       | 992.8             |        |  |
| 80,0°                                    | 13.0                         | 14.5         | 13.5         | 10.3                       | 7.0          | 5.2          | 4.2          | 3.1          | 2.2          | 1.5          | 1.3   | 4.0                        | 996.9             |        |  |
| 82,5°                                    | 7.7                          | 8.3          | 7.6          | 6.0                        | 4.2          | 3.2          | 2.6          | 2.0          | 1.5          | 1.0          | 0.9   | 2.3                        | 999.2             |        |  |
| 85,0°                                    | 2.3                          | 2.1          | 1.8          | 1.7                        | 1.5          | 1.3          | 1.0          | 0.8          | 0.7          | 0.6          | 0.6   | 0.6                        | 999.7             |        |  |
| 87,5°                                    | 1.1                          | 1.0          | 0.9          | 0.8                        | 0.7          | 0.6          | 0.5          | 0.4          | 0.4          | 0.3          | 0.3   | 0.3                        | 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            |        |  |

|        |          |         |        |        |        |
|--------|----------|---------|--------|--------|--------|
| office | industry | traffic | retail | public | sports |
|--------|----------|---------|--------|--------|--------|

## Photometric test report

|                                          |                                                                |                                 |
|------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 21 mini LED</b> | Order number: <b>5XE2U33T08GB</b><br>EAN: <b>4069025150103</b> | LP number<br><b>59536_392</b>   |
| Dimming levels table                     |                                                                | environmental temperature: 25°C |
|                                          |                                                                | <b>sit</b> eco                  |

| 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                       | 5990               | 40.4                                    | 41.1                                  | 40.8                          |
| 95              | 240                  | 252                       | 5700               | 38.1                                    | 38.8                                  | 38.4                          |
| 90              | 225                  | 250                       | 5386               | 35.8                                    | 36.4                                  | 36.1                          |
| 85              | 211                  | 247                       | 5086               | 33.5                                    | 34.1                                  | 33.8                          |
| 80              | 197                  | 245                       | 4783               | 31.3                                    | 31.9                                  | 31.6                          |
| 75              | 184                  | 242                       | 4499               | 29.3                                    | 29.8                                  | 29.6                          |
| 70              | 170                  | 239                       | 4186               | 27.1                                    | 27.5                                  | 27.3                          |
| 65              | 157                  | 236                       | 3893               | 25.1                                    | 25.5                                  | 25.3                          |
| 60              | 144                  | 233                       | 3595               | 23.2                                    | 23.5                                  | 23.4                          |
| 55              | 131                  | 230                       | 3295               | 21.2                                    | 21.5                                  | 21.4                          |
| 50              | 118                  | 226                       | 2990               | 19.2                                    | 19.5                                  | 19.4                          |
| 45              | 106                  | 222                       | 2705               | 17.4                                    | 17.6                                  | 17.5                          |
| 40              | 93                   | 217                       | 2393               | 15.4                                    | 15.6                                  | 15.5                          |
| 35              | 81                   | 212                       | 2101               | 13.6                                    | 13.8                                  | 13.7                          |
| 30              | 69                   | 206                       | 1805               | 11.8                                    | 12.0                                  | 11.9                          |
| 25              | 57                   | 199                       | 1505               | 10.1                                    | 10.2                                  | 10.1                          |
| 20              | 45                   | 191                       | 1202               | 8.3                                     | 8.4                                   | 8.4                           |
| 15              | 33                   | 179                       | 896                | 6.6                                     | 6.7                                   | 6.6                           |
| 11              | 23                   | 166                       | 638                | 5.2                                     | 5.2                                   | 5.2                           |

| Dimming levels table |                      | 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                            | 6120               | 40.9                                    | 41.6                                  | 41.2                          |
| 95                   | 240                  | 252                            | 5820               | 38.6                                    | 39.3                                  | 39.0                          |
| 90                   | 226                  | 250                            | 5515               | 36.4                                    | 37.0                                  | 36.7                          |
| 85                   | 212                  | 247                            | 5207               | 34.2                                    | 34.8                                  | 34.5                          |
| 80                   | 198                  | 245                            | 4895               | 31.9                                    | 32.5                                  | 32.2                          |
| 75                   | 184                  | 242                            | 4579               | 29.8                                    | 30.2                                  | 30.0                          |
| 70                   | 171                  | 240                            | 4282               | 27.7                                    | 28.1                                  | 27.9                          |
| 65                   | 158                  | 237                            | 3981               | 25.7                                    | 26.0                                  | 25.8                          |
| 60                   | 145                  | 233                            | 3677               | 23.6                                    | 24.0                                  | 23.8                          |
| 55                   | 132                  | 230                            | 3370               | 21.6                                    | 21.9                                  | 21.8                          |
| 50                   | 119                  | 226                            | 3059               | 19.6                                    | 19.9                                  | 19.8                          |
| 45                   | 106                  | 222                            | 2744               | 17.6                                    | 17.8                                  | 17.7                          |
| 40                   | 94                   | 218                            | 2450               | 15.8                                    | 16.1                                  | 16.0                          |
| 35                   | 82                   | 213                            | 2153               | 13.9                                    | 14.2                                  | 14.0                          |
| 30                   | 69                   | 206                            | 1827               | 12.0                                    | 12.2                                  | 12.1                          |
| 25                   | 57                   | 199                            | 1524               | 10.2                                    | 10.3                                  | 10.2                          |
| 20                   | 45                   | 191                            | 1217               | 8.5                                     | 8.6                                   | 8.6                           |
| 15                   | 33                   | 179                            | 907                | 6.7                                     | 6.8                                   | 6.8                           |
| 11                   | 23                   | 166                            | 646                | 5.3                                     | 5.3                                   | 5.3                           |

Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2U33T08GB<br>EAN: 4069025150103 | LP number<br>59536_392 |
|-----------------------------------|--------------------------------------------------|------------------------|

|                      |                                 |        |
|----------------------|---------------------------------|--------|
| Dimming levels table | environmental temperature: 15°C | siteco |
|----------------------|---------------------------------|--------|

| Luminous flux<br>% | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|-----------------------------------------------|---------------------------------------------|-------------------------------------|
| 100                | 254                     | 254                          | 6060                  | 40.6                                          | 41.4                                        | 41.0                                |
| 95                 | 240                     | 252                          | 5765                  | 38.4                                          | 39.1                                        | 38.8                                |
| 90                 | 225                     | 250                          | 5444                  | 36.0                                          | 36.7                                        | 36.4                                |
| 85                 | 212                     | 247                          | 5162                  | 34.0                                          | 34.5                                        | 34.2                                |
| 80                 | 198                     | 245                          | 4854                  | 31.7                                          | 32.3                                        | 32.0                                |
| 75                 | 184                     | 242                          | 4543                  | 29.5                                          | 30.0                                        | 29.8                                |
| 70                 | 171                     | 240                          | 4249                  | 27.5                                          | 27.9                                        | 27.7                                |
| 65                 | 157                     | 236                          | 3928                  | 25.3                                          | 25.7                                        | 25.5                                |
| 60                 | 144                     | 233                          | 3627                  | 23.3                                          | 23.7                                        | 23.5                                |
| 55                 | 131                     | 230                          | 3323                  | 21.3                                          | 21.6                                        | 21.5                                |
| 50                 | 119                     | 226                          | 3039                  | 19.4                                          | 19.7                                        | 19.5                                |
| 45                 | 106                     | 222                          | 2727                  | 17.5                                          | 17.7                                        | 17.6                                |
| 40                 | 94                      | 218                          | 2435                  | 15.6                                          | 15.9                                        | 15.8                                |
| 35                 | 81                      | 212                          | 2116                  | 13.7                                          | 13.9                                        | 13.8                                |
| 30                 | 69                      | 206                          | 1817                  | 11.9                                          | 12.1                                        | 12.0                                |
| 25                 | 57                      | 199                          | 1515                  | 10.1                                          | 10.3                                        | 10.2                                |
| 20                 | 45                      | 191                          | 1210                  | 8.4                                           | 8.5                                         | 8.4                                 |
| 15                 | 33                      | 179                          | 902                   | 6.6                                           | 6.7                                         | 6.6                                 |
| 11                 | 23                      | 166                          | 642                   | 5.2                                           | 5.2                                         | 5.2                                 |

Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2U33T08GB<br>EAN: 4069025150103 | LP number<br>59536_392 |
| Luminousfluxs table               |                                                  | siteco                 |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 5990.0              | 40.4                   |
| 5.0               | 6120.0              | 40.9                   |
| 15.0              | 6060.0              | 40.6                   |