

## Photometric test report

**Family**  
**Streetlight 21 micro easy LED**

**Order number: 5XE5U47N08DB**  
**EAN: 4058352995303**

**LP number**  
**59536\_81**



**Version** post-top or side-entry mounting, NEMA 7 pin (DALI)  
**Optic** direct, asymmetric wide distribution P080001  
**Cover** toughened safety glass  
**Lamps** LED 4000 K | CRI ≥ 70  
**Controlgear** ECG-DALI Plus  
**Rated values** Net luminous flux = 5250 lm  
 Power consumption = 39.1 W  
 Luminous efficacy = 134.3 lm/W

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

**siteco**

**Luminous intensity in cd/klm**

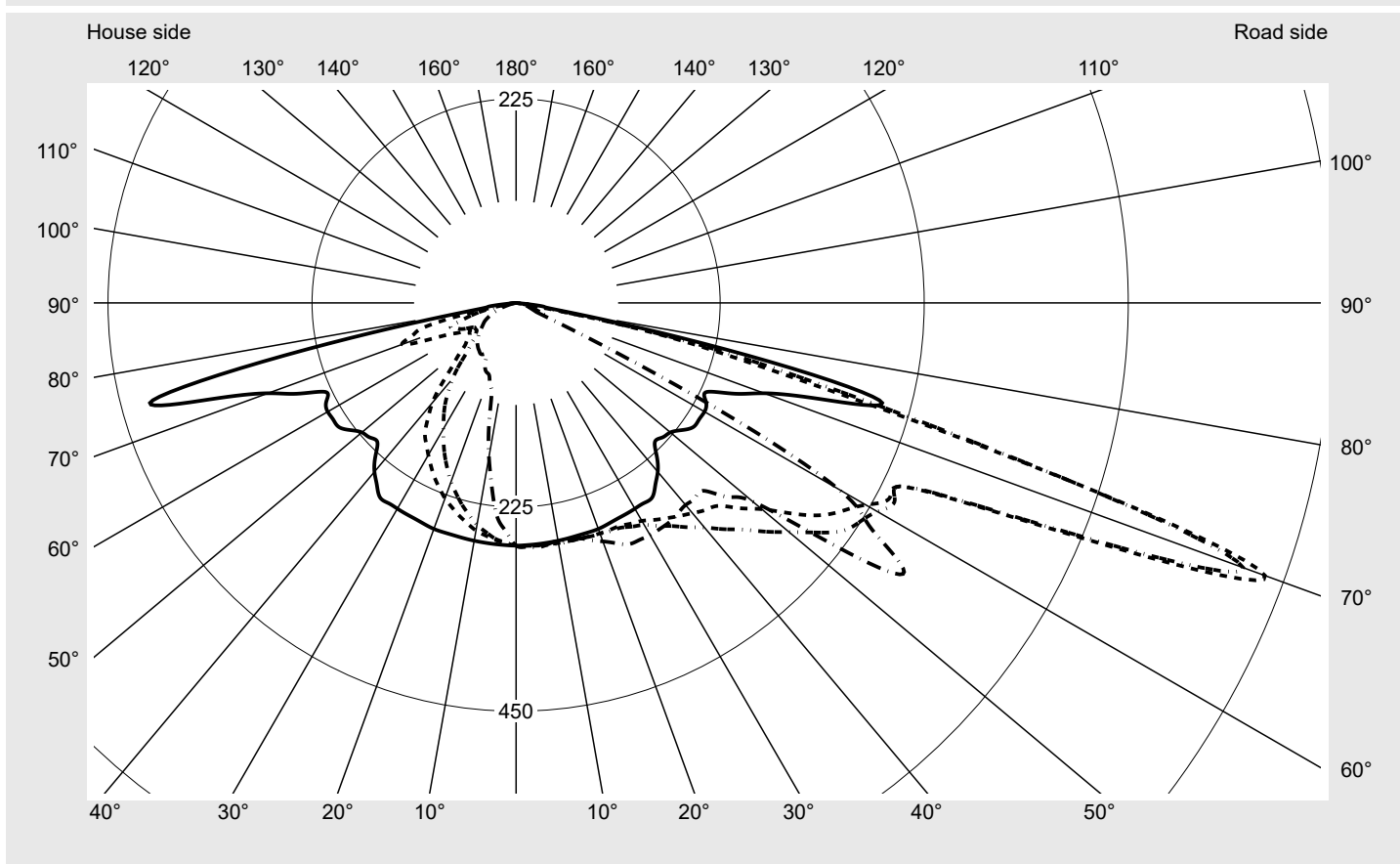
**C180-0**

**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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**Streetlight 21 micro easy LED**

Order number: **5XE5U47N08DB**  
EAN: **4058352995303**

LP number  
**59536\_81**

Envelope curve in cd/klm

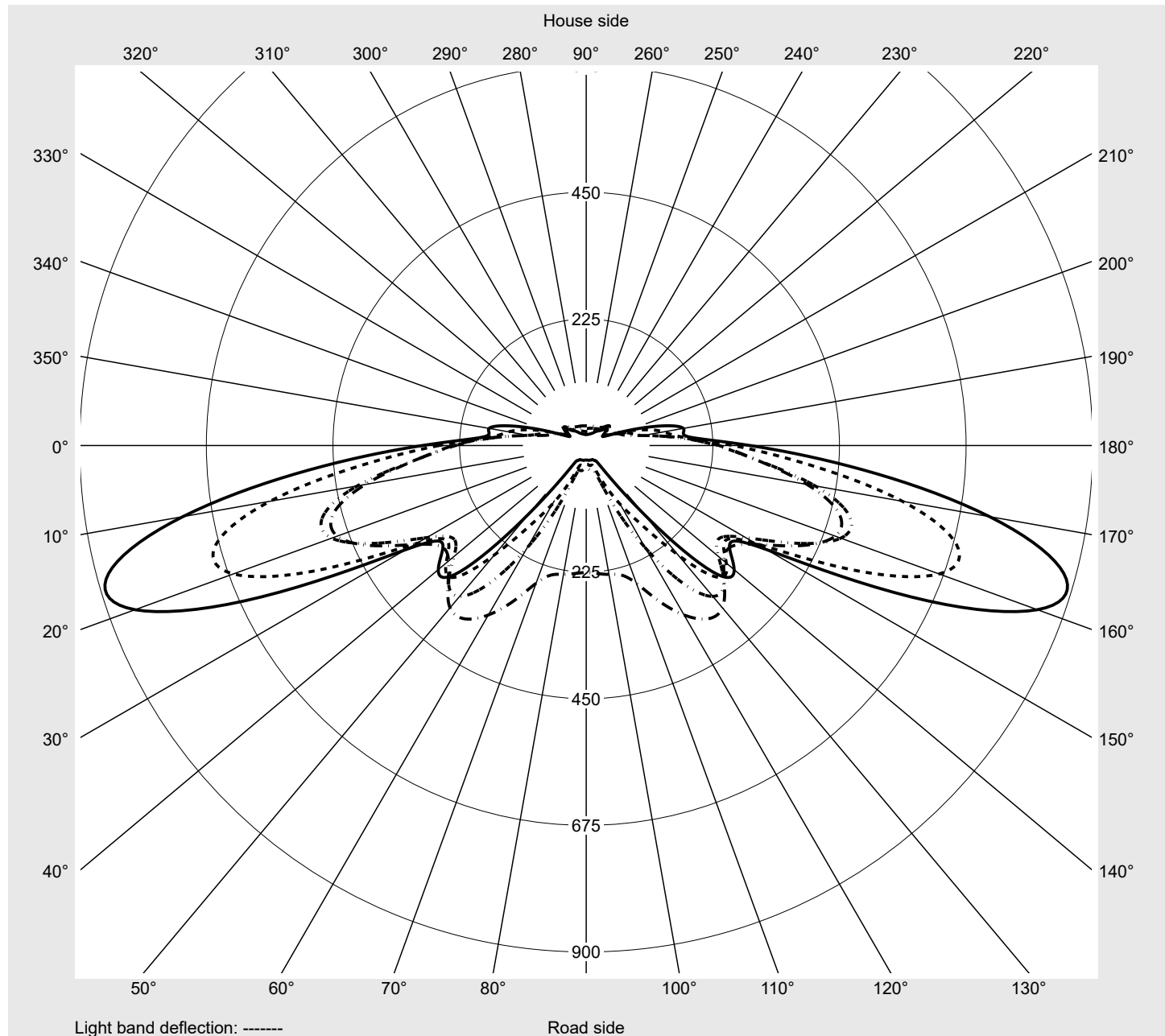
KMK 70°

KMK 67.5°

KMK 65°

KMK 62.5°

**sit**eco



Photometric test report

|                                          |                              |                                                  |             |             |             |             |             |             |             |                            |             |                       |             |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|-------------|-----------------------|-------------|
| Family<br>Streetlight 21 micro easy LED  |                              | Order number: 5XE5U47N08DB<br>EAN: 4058352995303 |             |             |             |             |             |             |             |                            |             | LP number<br>59536_81 |             |
| 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 micro easy LED  |             | Order number: 5XE5U47N08DB<br>EAN: 4058352995303 |             |             |            |       |              |              |              |                            |              | LP number<br>59536_81 |              |
| 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° |
| Luminous intensity in cd/klm             |             |                                                  |             |             |            |       |              |              |              |                            |              |                       |              |
| γ                                        |             |                                                  |             |             |            |       |              |              |              |                            |              |                       |              |
| 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<br>Streetlight 21 micro easy LED  |                              | Order number: 5XE5U47N08DB<br>EAN: 4058352995303 |              |              |              |              |              |              |              |                            |                         | LP number<br>59536_81 |                   |
| Table of values for luminous intensities |                              |                                                  |              |              |              |              |              |              |              | Maximum luminous intensity |                         | sITeco                |                   |
| 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 micro easy LED</b> | Order number: <b>5XE5U47N08DB</b><br>EAN: <b>4058352995303</b> | LP number<br><b>59536_81</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                       | 5250               | 39.1                                   | 40.8                                 | 40.0                         |
| 95                | 238                  | 252                       | 4984               | 36.6                                   | 38.1                                 | 37.4                         |
| 90                | 223                  | 249                       | 4727               | 34.2                                   | 35.7                                 | 35.0                         |
| 85                | 208                  | 247                       | 4463               | 31.9                                   | 33.3                                 | 32.6                         |
| 80                | 193                  | 244                       | 4192               | 29.7                                   | 30.9                                 | 30.3                         |
| 75                | 179                  | 241                       | 3934               | 27.5                                   | 28.6                                 | 28.0                         |
| 70                | 165                  | 238                       | 3669               | 25.4                                   | 26.5                                 | 26.0                         |
| 65                | 152                  | 235                       | 3417               | 23.4                                   | 24.4                                 | 23.9                         |
| 60                | 139                  | 232                       | 3160               | 21.5                                   | 22.4                                 | 22.0                         |
| 55                | 125                  | 228                       | 2877               | 19.4                                   | 20.2                                 | 19.8                         |
| 50                | 113                  | 224                       | 2629               | 17.7                                   | 18.4                                 | 18.0                         |
| 45                | 100                  | 220                       | 2354               | 15.8                                   | 16.5                                 | 16.2                         |
| 40                | 88                   | 215                       | 2093               | 14.1                                   | 14.6                                 | 14.4                         |
| 35                | 76                   | 210                       | 1828               | 12.4                                   | 12.9                                 | 12.6                         |
| 30                | 65                   | 204                       | 1580               | 10.8                                   | 11.2                                 | 11.0                         |
| 25                | 53                   | 197                       | 1304               | 9.2                                    | 9.5                                  | 9.4                          |
| 20                | 42                   | 188                       | 1046               | 7.7                                    | 7.8                                  | 7.8                          |
| 15                | 31                   | 177                       | 784                | 6.1                                    | 6.3                                  | 6.2                          |
| 12                | 24                   | 168                       | 615                | 5.1                                    | 5.3                                  | 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                            | 5370               | 39.6                                   | 41.3                                 | 40.4                         |  |
| 95                   | 239                  | 252                            | 5110               | 37.2                                   | 38.8                                 | 38.0                         |  |
| 90                   | 223                  | 249                            | 4824               | 34.7                                   | 36.1                                 | 35.4                         |  |
| 85                   | 209                  | 247                            | 4569               | 32.5                                   | 33.9                                 | 33.2                         |  |
| 80                   | 194                  | 244                            | 4290               | 30.1                                   | 31.5                                 | 30.8                         |  |
| 75                   | 180                  | 241                            | 4024               | 28.0                                   | 29.1                                 | 28.6                         |  |
| 70                   | 166                  | 238                            | 3752               | 25.9                                   | 27.0                                 | 26.4                         |  |
| 65                   | 153                  | 235                            | 3493               | 24.0                                   | 24.9                                 | 24.4                         |  |
| 60                   | 140                  | 232                            | 3230               | 22.0                                   | 22.9                                 | 22.4                         |  |
| 55                   | 127                  | 229                            | 2962               | 20.0                                   | 20.8                                 | 20.4                         |  |
| 50                   | 114                  | 225                            | 2688               | 18.1                                   | 18.9                                 | 18.5                         |  |
| 45                   | 101                  | 220                            | 2407               | 16.2                                   | 16.8                                 | 16.5                         |  |
| 40                   | 89                   | 216                            | 2143               | 14.5                                   | 15.0                                 | 14.8                         |  |
| 35                   | 77                   | 210                            | 1873               | 12.8                                   | 13.2                                 | 13.0                         |  |
| 30                   | 66                   | 205                            | 1622               | 11.2                                   | 11.5                                 | 11.4                         |  |
| 25                   | 54                   | 197                            | 1343               | 9.4                                    | 9.8                                  | 9.6                          |  |
| 20                   | 43                   | 189                            | 1082               | 7.9                                    | 8.2                                  | 8.0                          |  |
| 15                   | 32                   | 178                            | 816                | 6.4                                    | 6.6                                  | 6.5                          |  |
| 12                   | 24                   | 168                            | 621                | 5.2                                    | 5.4                                  | 5.3                          |  |

Photometric test report

|                                                                        |                                                                |                                                                                     |
|------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Streetlight 21 micro easy LED</b>                  | <b>Order number: 5XE5U47N08DB</b><br><b>EAN: 4058352995303</b> | <b>LP number</b><br><b>59536_81</b>                                                 |
| <b>Dimming levels table</b> <div>environmental temperature: 15°C</div> |                                                                |  |

| 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                       | 5310               | 39.3                                   | 41.0                                 | 40.2                         |
| 95                | 238                  | 252                       | 5038               | 36.8                                   | 38.3                                 | 37.6                         |
| 90                | 223                  | 249                       | 4776               | 34.4                                   | 35.9                                 | 35.2                         |
| 85                | 208                  | 247                       | 4507               | 32.1                                   | 33.5                                 | 32.8                         |
| 80                | 194                  | 244                       | 4250               | 29.9                                   | 31.3                                 | 30.6                         |
| 75                | 180                  | 241                       | 3988               | 27.8                                   | 28.9                                 | 28.4                         |
| 70                | 166                  | 238                       | 3720               | 25.7                                   | 26.8                                 | 26.2                         |
| 65                | 152                  | 235                       | 3445               | 23.6                                   | 24.6                                 | 24.1                         |
| 60                | 139                  | 232                       | 3185               | 21.7                                   | 22.5                                 | 22.1                         |
| 55                | 126                  | 228                       | 2919               | 19.8                                   | 20.5                                 | 20.2                         |
| 50                | 113                  | 224                       | 2647               | 17.8                                   | 18.5                                 | 18.2                         |
| 45                | 101                  | 220                       | 2391               | 16.0                                   | 16.7                                 | 16.4                         |
| 40                | 89                   | 216                       | 2129               | 14.3                                   | 14.9                                 | 14.6                         |
| 35                | 77                   | 210                       | 1861               | 12.7                                   | 13.1                                 | 12.9                         |
| 30                | 65                   | 204                       | 1589               | 10.9                                   | 11.3                                 | 11.1                         |
| 25                | 54                   | 197                       | 1335               | 9.4                                    | 9.7                                  | 9.6                          |
| 20                | 42                   | 188                       | 1052               | 7.7                                    | 7.9                                  | 7.8                          |
| 15                | 31                   | 177                       | 788                | 6.2                                    | 6.4                                  | 6.3                          |
| 12                | 24                   | 168                       | 618                | 5.2                                    | 5.3                                  | 5.2                          |

Photometric test report

|                                         |                                                  |                       |
|-----------------------------------------|--------------------------------------------------|-----------------------|
| Family<br>Streetlight 21 micro easy LED | Order number: 5XE5U47N08DB<br>EAN: 4058352995303 | LP number<br>59536_81 |
| Luminousfluxs table                     |                                                  | siteco                |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 5250.0              | 39.1                   |
| 5.0               | 5370.0              | 39.6                   |
| 15.0              | 5310.0              | 39.3                   |