

## Photometric test report

### Family Streetlight 21 mini LED

**Order number: 5XE2D41G08HB**  
**EAN: 4058352725177**

**LP number**  
**59076\_913**



|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| <b>Version</b>      | post-top or side-entry mounting                                                             |
| <b>Optic</b>        | direct, asymmetric wide distribution<br>S100003                                             |
| <b>Cover</b>        | toughened safety glass                                                                      |
| <b>Lamps</b>        | LED 4000 K   CRI ≥ 70                                                                       |
| <b>Controlgear</b>  | ECG SITECO iQ                                                                               |
| <b>Rated values</b> | Net luminous flux = 9860 lm<br>Power consumption = 70.9 W<br>Luminous efficacy = 139.1 lm/W |

**serial**  
**documentation**  
**12.09.2022**

**siteco**

**Luminous intensity in cd/klm**

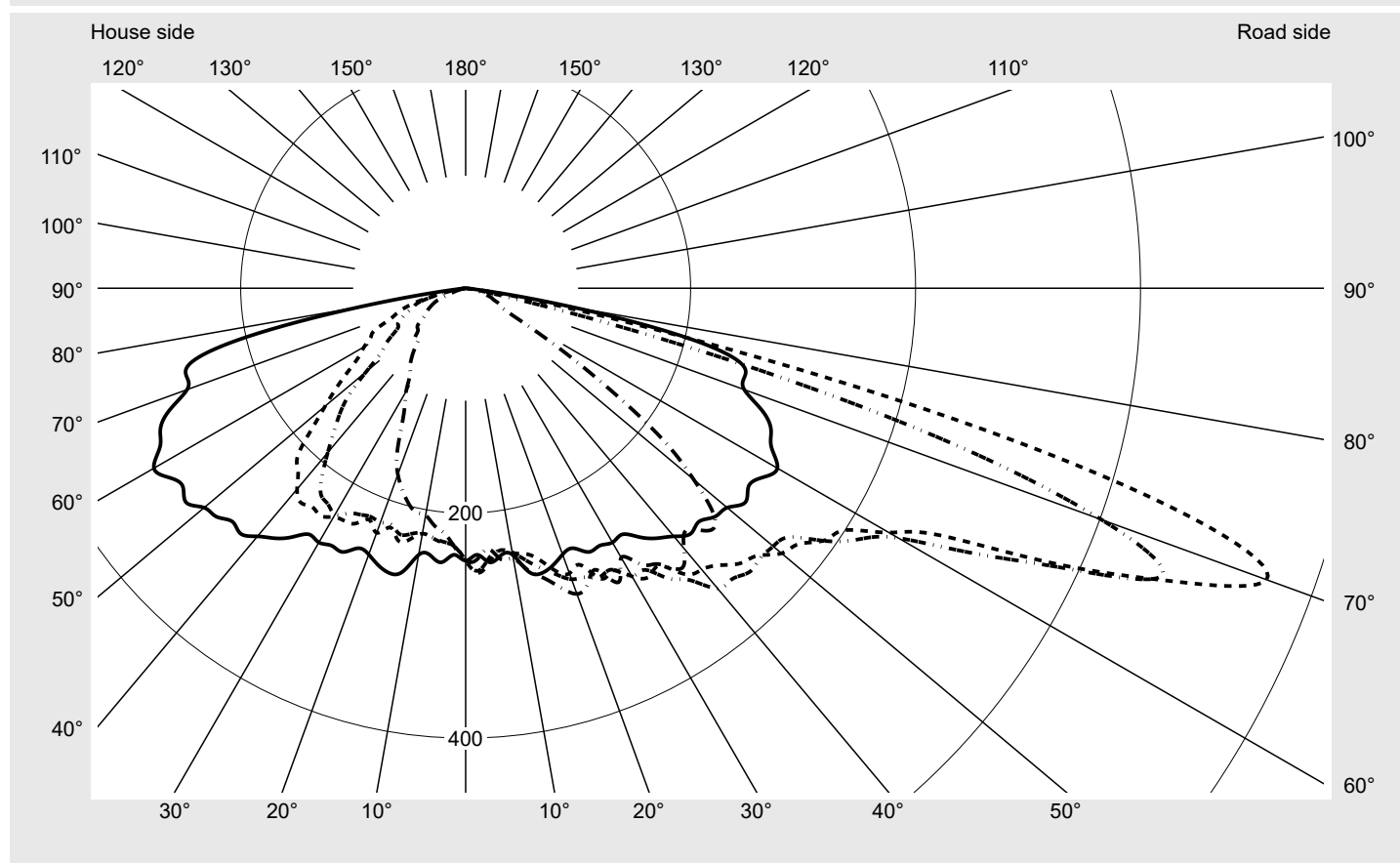
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 758 cd/klm**



#### Luminaire output ratios

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

#### Measurement conditions

DIN EN 13032 and DIN 5032

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

|           |       |
|-----------|-------|
| Class:    | G3    |
| Imax 70°  | 757.8 |
| Imax 80°  | 95.1  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

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|                                                 |                                                                |                                                                                              |
|-------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Streetlight 21 mini LED</b> | <b>Order number: 5XE2D41G08HB</b><br><b>EAN: 4058352725177</b> | <b>LP number</b><br><b>59076_913</b>                                                         |
| <b>Envelope curve in cd/klm</b>                 |                                                                | <div> <div>KMK 70°</div> <div>KMK 67.5°</div> <div>KMK 65°</div> <div>KMK 62.5°</div> </div> |

sit

eco



Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2D41G08HB<br>EAN: 4058352725177 | LP number<br>59076_913 |
|-----------------------------------|--------------------------------------------------|------------------------|

|                                          |                            |        |
|------------------------------------------|----------------------------|--------|
| 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°         | 242.2                        | 242.2      | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       |
| 2,5°         | 237.2                        | 240.2      | 243.6       | 247.1       | 250.1       | 253.3       | 251.5       | 253.0       | 253.9       | 252.9       | 249.2       | 247.7       | 247.6       |
| 5,0°         | 244.6                        | 247.2      | 246.5       | 245.5       | 245.0       | 244.3       | 240.5       | 238.5       | 236.3       | 236.3       | 235.1       | 233.7       | 233.4       |
| 7,5°         | 239.7                        | 245.1      | 248.3       | 244.6       | 238.3       | 235.0       | 234.8       | 231.4       | 230.3       | 234.8       | 234.3       | 239.5       | 238.7       |
| 10,0°        | 240.7                        | 249.2      | 251.4       | 243.9       | 239.9       | 238.9       | 238.4       | 242.1       | 240.6       | 240.8       | 243.3       | 249.6       | 251.2       |
| 12,5°        | 258.0                        | 251.3      | 242.2       | 234.8       | 236.0       | 241.7       | 247.8       | 251.1       | 250.2       | 252.7       | 253.4       | 256.8       | 257.4       |
| 15,0°        | 262.2                        | 249.0      | 244.4       | 246.5       | 247.0       | 249.2       | 257.5       | 261.4       | 264.2       | 266.4       | 265.5       | 261.6       | 261.2       |
| 17,5°        | 258.3                        | 251.3      | 248.4       | 253.2       | 259.5       | 262.9       | 266.6       | 264.1       | 266.6       | 271.6       | 270.9       | 268.4       | 275.4       |
| 20,0°        | 251.9                        | 249.8      | 249.6       | 255.8       | 262.8       | 269.8       | 275.4       | 276.2       | 274.3       | 273.3       | 279.4       | 281.1       | 281.7       |
| 22,5°        | 250.2                        | 252.4      | 255.0       | 266.6       | 270.7       | 266.2       | 278.1       | 280.2       | 283.2       | 284.7       | 277.3       | 280.4       | 284.0       |
| 25,0°        | 258.8                        | 258.1      | 263.4       | 267.5       | 275.0       | 285.0       | 283.0       | 287.9       | 292.3       | 291.9       | 288.1       | 291.2       | 291.4       |
| 27,5°        | 258.1                        | 259.3      | 264.2       | 271.8       | 275.5       | 283.2       | 282.1       | 292.3       | 297.8       | 295.7       | 295.0       | 295.6       | 295.2       |
| 30,0°        | 261.0                        | 264.7      | 278.4       | 274.8       | 287.8       | 295.8       | 295.6       | 301.4       | 307.5       | 307.5       | 302.4       | 301.2       | 298.5       |
| 32,5°        | 259.5                        | 271.5      | 275.0       | 285.5       | 290.4       | 303.8       | 296.9       | 312.8       | 318.7       | 323.5       | 314.1       | 299.9       | 297.4       |
| 35,0°        | 270.2                        | 277.9      | 282.4       | 285.4       | 294.7       | 301.1       | 315.2       | 320.4       | 320.7       | 320.8       | 310.6       | 315.9       | 307.3       |
| 37,5°        | 280.1                        | 288.9      | 291.9       | 300.1       | 302.5       | 320.5       | 327.1       | 330.1       | 327.2       | 324.3       | 312.1       | 312.9       | 322.0       |
| 40,0°        | 288.0                        | 294.9      | 294.8       | 301.0       | 311.0       | 326.6       | 348.4       | 339.0       | 340.9       | 323.5       | 314.9       | 336.9       | 331.0       |
| 42,5°        | 296.1                        | 297.5      | 298.1       | 316.3       | 327.4       | 334.0       | 350.7       | 340.8       | 336.4       | 326.9       | 332.4       | 337.9       | 345.0       |
| 45,0°        | 293.4                        | 307.2      | 308.2       | 316.1       | 329.3       | 345.7       | 356.8       | 343.0       | 340.7       | 351.3       | 353.6       | 361.0       | 358.7       |
| 47,5°        | 300.6                        | 307.3      | 314.8       | 328.8       | 344.9       | 352.0       | 355.2       | 354.7       | 351.0       | 370.6       | 372.7       | 358.6       | 351.6       |
| 50,0°        | 303.5                        | 304.1      | 310.6       | 329.1       | 357.1       | 366.7       | 357.0       | 357.9       | 374.0       | 384.7       | 373.8       | 352.0       | 342.3       |
| 52,5°        | 313.1                        | 308.3      | 311.4       | 326.1       | 362.1       | 373.6       | 363.6       | 377.1       | 396.3       | 399.9       | 374.1       | 343.5       | 326.4       |
| 55,0°        | 307.1                        | 316.8      | 324.7       | 337.2       | 363.3       | 390.4       | 392.0       | 402.7       | 402.8       | 386.8       | 366.3       | 344.1       | 310.0       |
| 57,5°        | 313.1                        | 325.8      | 337.5       | 353.8       | 370.6       | 400.3       | 415.2       | 426.0       | 418.2       | 382.6       | 371.0       | 318.2       | 258.7       |
| 60,0°        | 320.0                        | 336.4      | 356.7       | 382.3       | 399.2       | 434.6       | 444.2       | 455.3       | 436.4       | 397.2       | 321.8       | 253.6       | 192.9       |
| 62,5°        | 306.5                        | 339.5      | 378.1       | 425.8       | 457.4       | 476.0       | 511.2       | 489.6       | 447.5       | 347.0       | 255.1       | 175.8       | 103.5       |
| 65,0°        | 299.6                        | 340.0      | 408.3       | 483.0       | 540.4       | 580.6       | 589.8       | 543.1       | 386.3       | 266.9       | 165.4       | 84.9        | 43.0        |
| 67,5°        | 285.8                        | 348.9      | 439.6       | 545.0       | 615.1       | 681.0       | 669.3       | 499.2       | 304.3       | 169.4       | 77.8        | 34.0        | 31.0        |
| 70,0°        | 263.6                        | 344.2      | 467.8       | 600.6       | 683.4       | 757.8       | 601.6       | 373.8       | 175.0       | 76.2        | 32.7        | 27.1        | 25.4        |
| 72,5°        | 260.2                        | 352.1      | 495.4       | 595.6       | 690.0       | 674.7       | 438.4       | 194.3       | 80.1        | 34.9        | 24.8        | 22.8        | 22.3        |
| 75,0°        | 251.4                        | 355.3      | 453.9       | 502.5       | 563.4       | 449.7       | 222.3       | 65.9        | 33.6        | 23.0        | 18.2        | 18.2        | 18.1        |
| 77,5°        | 197.9                        | 250.8      | 269.9       | 280.6       | 272.8       | 192.3       | 58.2        | 20.2        | 16.5        | 16.7        | 17.0        | 14.7        | 13.0        |
| 80,0°        | 95.1                         | 86.3       | 83.1        | 87.4        | 87.1        | 61.8        | 14.5        | 10.9        | 9.9         | 10.1        | 14.8        | 9.2         | 8.4         |
| 82,5°        | 19.9                         | 14.9       | 10.6        | 15.6        | 24.6        | 15.4        | 6.7         | 8.0         | 5.4         | 4.5         | 5.7         | 4.8         | 5.3         |
| 85,0°        | 1.2                          | 1.1        | 1.6         | 1.3         | 1.6         | 1.7         | 1.9         | 2.0         | 2.1         | 1.8         | 1.8         | 1.6         | 1.8         |
| 87,5°        | 0.3                          | 0.3        | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.5         | 0.5         | 0.4         | 0.4         | 0.5         | 0.5         |
| 90,0°        | 0.0                          | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

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|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                        |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|------------------------|--------------|
| Family<br>Streetlight 21 mini LED        |                              | Order number: 5XE2D41G08HB<br>EAN: 4058352725177 |             |             |            |       |              |              |              |                            |              | LP number<br>59076_913 |              |
| 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°                                     | 242.2                        | 242.2                                            | 242.2       | 242.2       | 242.2      | 242.2 | 242.2        | 242.2        | 242.2        | 242.2                      | 242.2        | 242.2                  | 242.2        |
| 2,5°                                     | 246.5                        | 245.6                                            | 245.8       | 243.2       | 241.6      | 241.0 | 237.5        | 234.9        | 231.4        | 229.7                      | 229.1        | 229.7                  | 228.7        |
| 5,0°                                     | 231.5                        | 228.9                                            | 230.8       | 232.5       | 234.2      | 232.7 | 235.6        | 233.9        | 229.2        | 227.3                      | 227.0        | 226.3                  | 224.2        |
| 7,5°                                     | 238.9                        | 237.7                                            | 239.2       | 239.1       | 238.8      | 243.3 | 233.9        | 231.9        | 226.6        | 222.4                      | 224.0        | 223.5                  | 219.5        |
| 10,0°                                    | 251.1                        | 250.4                                            | 247.0       | 246.6       | 242.9      | 244.2 | 232.6        | 230.0        | 230.1        | 225.8                      | 221.6        | 221.1                  | 218.9        |
| 12,5°                                    | 255.3                        | 254.8                                            | 254.6       | 255.0       | 256.4      | 256.8 | 251.6        | 236.9        | 233.3        | 228.9                      | 228.6        | 223.7                  | 220.7        |
| 15,0°                                    | 261.0                        | 263.4                                            | 264.6       | 269.2       | 266.7      | 266.5 | 251.8        | 236.5        | 234.4        | 231.8                      | 232.1        | 226.4                  | 214.7        |
| 17,5°                                    | 273.5                        | 269.8                                            | 271.0       | 269.3       | 274.0      | 278.7 | 254.8        | 236.7        | 230.6        | 229.6                      | 223.0        | 220.4                  | 211.5        |
| 20,0°                                    | 277.0                        | 273.8                                            | 278.5       | 273.5       | 277.4      | 289.2 | 253.6        | 246.1        | 236.7        | 232.5                      | 231.4        | 221.3                  | 218.5        |
| 22,5°                                    | 283.3                        | 280.0                                            | 281.4       | 274.0       | 278.9      | 284.1 | 258.2        | 245.1        | 237.3        | 231.5                      | 223.1        | 220.1                  | 214.1        |
| 25,0°                                    | 291.6                        | 289.2                                            | 282.7       | 284.9       | 281.8      | 276.4 | 256.1        | 253.5        | 245.1        | 231.6                      | 230.7        | 222.1                  | 220.2        |
| 27,5°                                    | 291.0                        | 297.1                                            | 284.7       | 284.4       | 283.7      | 294.6 | 253.8        | 262.2        | 247.2        | 243.6                      | 233.3        | 225.6                  | 220.2        |
| 30,0°                                    | 299.4                        | 285.0                                            | 290.4       | 287.0       | 284.1      | 276.6 | 260.1        | 262.3        | 252.5        | 242.6                      | 235.0        | 232.1                  | 216.3        |
| 32,5°                                    | 303.1                        | 294.9                                            | 292.6       | 291.3       | 291.6      | 291.4 | 267.1        | 268.3        | 257.6        | 249.2                      | 239.9        | 227.8                  | 207.5        |
| 35,0°                                    | 305.6                        | 303.8                                            | 309.8       | 304.1       | 309.8      | 299.5 | 265.1        | 272.9        | 264.3        | 257.9                      | 237.6        | 224.2                  | 192.7        |
| 37,5°                                    | 327.6                        | 321.4                                            | 316.6       | 327.0       | 311.9      | 314.4 | 267.5        | 273.9        | 266.0        | 253.1                      | 240.5        | 209.6                  | 171.7        |
| 40,0°                                    | 335.6                        | 329.6                                            | 322.7       | 314.6       | 317.2      | 302.1 | 280.5        | 272.5        | 268.4        | 257.7                      | 233.1        | 190.7                  | 159.6        |
| 42,5°                                    | 344.1                        | 323.1                                            | 317.5       | 312.8       | 305.5      | 291.3 | 285.6        | 276.8        | 274.2        | 255.0                      | 220.5        | 173.7                  | 147.1        |
| 45,0°                                    | 334.8                        | 321.1                                            | 311.8       | 310.6       | 303.9      | 304.9 | 290.4        | 275.0        | 272.0        | 249.5                      | 211.3        | 158.5                  | 132.3        |
| 47,5°                                    | 329.8                        | 320.9                                            | 301.3       | 306.7       | 283.3      | 299.9 | 289.6        | 280.3        | 276.9        | 239.7                      | 185.9        | 140.8                  | 119.7        |
| 50,0°                                    | 322.5                        | 303.3                                            | 286.7       | 277.3       | 266.1      | 264.8 | 299.6        | 279.3        | 263.2        | 226.2                      | 163.0        | 115.2                  | 100.4        |
| 52,5°                                    | 304.5                        | 279.5                                            | 254.9       | 243.3       | 227.8      | 220.6 | 304.6        | 284.5        | 261.5        | 202.5                      | 144.2        | 95.6                   | 87.7         |
| 55,0°                                    | 271.9                        | 232.3                                            | 195.4       | 182.8       | 167.1      | 154.6 | 302.4        | 281.2        | 248.9        | 189.5                      | 126.0        | 87.0                   | 82.7         |
| 57,5°                                    | 205.3                        | 164.9                                            | 136.9       | 107.6       | 100.1      | 94.8  | 295.7        | 276.1        | 229.0        | 169.2                      | 112.1        | 76.9                   | 69.4         |
| 60,0°                                    | 135.3                        | 91.2                                             | 69.1        | 54.0        | 51.1       | 48.0  | 295.6        | 255.4        | 206.1        | 148.6                      | 104.2        | 69.2                   | 64.4         |
| 62,5°                                    | 63.8                         | 41.6                                             | 38.3        | 37.4        | 35.9       | 35.9  | 276.8        | 246.4        | 194.9        | 133.5                      | 95.3         | 67.9                   | 56.0         |
| 65,0°                                    | 34.8                         | 33.0                                             | 36.1        | 33.5        | 33.3       | 33.3  | 259.4        | 228.7        | 165.0        | 116.1                      | 89.9         | 62.4                   | 52.0         |
| 67,5°                                    | 28.3                         | 30.3                                             | 30.4        | 29.0        | 28.2       | 27.1  | 237.7        | 204.2        | 142.9        | 89.0                       | 74.0         | 56.7                   | 44.9         |
| 70,0°                                    | 26.6                         | 24.6                                             | 25.1        | 24.3        | 23.4       | 24.3  | 214.1        | 178.1        | 117.5        | 71.7                       | 65.1         | 49.6                   | 35.8         |
| 72,5°                                    | 20.9                         | 22.8                                             | 22.1        | 20.1        | 20.0       | 18.5  | 199.3        | 149.2        | 98.9         | 60.6                       | 55.2         | 45.6                   | 31.0         |
| 75,0°                                    | 18.0                         | 17.9                                             | 18.1        | 15.7        | 15.1       | 15.9  | 176.2        | 102.0        | 69.4         | 40.3                       | 40.9         | 34.6                   | 28.7         |
| 77,5°                                    | 14.2                         | 13.9                                             | 12.6        | 12.2        | 11.3       | 11.2  | 100.8        | 18.4         | 18.7         | 26.1                       | 24.0         | 21.5                   | 20.6         |
| 80,0°                                    | 9.5                          | 8.9                                              | 8.4         | 8.0         | 6.9        | 6.7   | 38.7         | 5.8          | 7.9          | 14.6                       | 11.5         | 12.5                   | 10.7         |
| 82,5°                                    | 4.7                          | 5.0                                              | 4.6         | 3.8         | 3.5        | 3.5   | 7.8          | 3.4          | 3.6          | 6.4                        | 5.1          | 4.4                    | 4.3          |
| 85,0°                                    | 2.1                          | 1.9                                              | 1.8         | 1.5         | 1.1        | 1.5   | 1.2          | 1.1          | 1.1          | 1.1                        | 1.1          | 1.1                    | 0.9          |
| 87,5°                                    | 0.4                          | 0.4                                              | 0.4         | 0.3         | 0.3        | 0.7   | 0.3          | 0.2          | 0.3          | 0.3                        | 0.2          | 0.2                    | 0.1          |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0                    | 0.0          |

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| Family<br>Streetlight 21 mini LED        |                              |              |              | Order number: 5XE2D41G08HB<br>EAN: 4058352725177 |              |              |              |              |              |              |       | LP number<br>59076_913     |                   |        |
|------------------------------------------|------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|
| 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°                                     | 242.2                        | 242.2        | 242.2        | 242.2                                            | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2 | 0.4                        | 0.4               |        |
| 2,5°                                     | 228.8                        | 228.3        | 228.5        | 228.0                                            | 228.0        | 228.7        | 228.7        | 231.0        | 230.4        | 231.6        | 230.0 | 2.9                        | 3.2               |        |
| 5,0°                                     | 224.8                        | 225.1        | 221.3        | 223.3                                            | 220.3        | 219.6        | 217.9        | 216.2        | 216.4        | 215.3        | 218.6 | 5.5                        | 8.7               |        |
| 7,5°                                     | 220.9                        | 217.1        | 216.6        | 214.6                                            | 211.5        | 209.0        | 207.0        | 206.4        | 212.3        | 211.0        | 212.9 | 8.2                        | 16.9              |        |
| 10,0°                                    | 212.8                        | 212.3        | 211.5        | 209.7                                            | 207.2        | 204.3        | 201.1        | 201.2        | 202.8        | 204.7        | 205.0 | 10.9                       | 27.9              |        |
| 12,5°                                    | 217.1                        | 216.0        | 210.6        | 208.5                                            | 204.9        | 207.1        | 208.1        | 204.9        | 204.6        | 202.9        | 203.9 | 13.9                       | 41.8              |        |
| 15,0°                                    | 211.1                        | 211.6        | 209.7        | 208.3                                            | 208.4        | 199.1        | 197.1        | 199.6        | 201.2        | 197.7        | 197.5 | 16.9                       | 58.7              |        |
| 17,5°                                    | 211.3                        | 207.4        | 206.9        | 203.8                                            | 201.8        | 202.0        | 195.0        | 187.2        | 191.9        | 191.4        | 187.7 | 19.7                       | 78.4              |        |
| 20,0°                                    | 213.6                        | 205.7        | 202.9        | 195.4                                            | 190.5        | 187.5        | 184.4        | 179.4        | 172.2        | 171.5        | 176.2 | 22.5                       | 100.9             |        |
| 22,5°                                    | 212.9                        | 210.7        | 194.4        | 186.3                                            | 177.3        | 171.4        | 168.7        | 164.9        | 160.5        | 160.6        | 159.6 | 25.0                       | 125.9             |        |
| 25,0°                                    | 207.0                        | 196.3        | 186.3        | 173.2                                            | 173.2        | 166.6        | 162.4        | 151.7        | 148.3        | 140.9        | 134.3 | 27.8                       | 153.7             |        |
| 27,5°                                    | 205.7                        | 183.9        | 171.4        | 164.0                                            | 160.4        | 151.4        | 145.5        | 135.8        | 126.3        | 118.7        | 117.1 | 30.1                       | 183.8             |        |
| 30,0°                                    | 186.6                        | 174.1        | 167.0        | 162.4                                            | 148.6        | 139.7        | 122.7        | 116.4        | 109.9        | 107.3        | 105.9 | 32.6                       | 216.3             |        |
| 32,5°                                    | 175.3                        | 165.5        | 162.0        | 143.4                                            | 132.8        | 123.0        | 112.7        | 104.0        | 100.1        | 96.4         | 92.3  | 35.0                       | 251.3             |        |
| 35,0°                                    | 168.9                        | 162.9        | 151.7        | 132.5                                            | 123.6        | 110.4        | 102.5        | 95.4         | 88.8         | 88.3         | 86.2  | 37.5                       | 288.8             |        |
| 37,5°                                    | 154.1                        | 150.9        | 143.5        | 124.9                                            | 111.8        | 100.4        | 94.1         | 85.8         | 82.5         | 77.7         | 79.4  | 40.1                       | 328.9             |        |
| 40,0°                                    | 146.7                        | 143.1        | 129.9        | 114.4                                            | 102.6        | 93.9         | 81.3         | 76.5         | 72.4         | 72.8         | 70.8  | 42.4                       | 371.3             |        |
| 42,5°                                    | 142.1                        | 129.9        | 121.4        | 103.1                                            | 90.1         | 80.9         | 72.5         | 69.7         | 70.3         | 66.8         | 63.1  | 44.2                       | 415.5             |        |
| 45,0°                                    | 124.3                        | 119.9        | 105.6        | 93.4                                             | 78.6         | 73.7         | 68.4         | 68.6         | 64.0         | 63.1         | 64.5  | 46.2                       | 461.7             |        |
| 47,5°                                    | 112.2                        | 105.5        | 95.1         | 80.2                                             | 69.5         | 67.1         | 63.7         | 61.0         | 61.9         | 62.9         | 58.3  | 47.7                       | 509.4             |        |
| 50,0°                                    | 97.1                         | 86.2         | 81.0         | 69.9                                             | 65.2         | 62.2         | 59.9         | 57.5         | 58.2         | 56.9         | 55.7  | 48.2                       | 557.6             |        |
| 52,5°                                    | 81.4                         | 76.9         | 71.9         | 64.5                                             | 61.2         | 57.0         | 55.7         | 54.0         | 52.9         | 51.0         | 53.4  | 48.5                       | 606.2             |        |
| 55,0°                                    | 72.4                         | 66.4         | 64.2         | 58.5                                             | 55.6         | 52.3         | 52.1         | 49.6         | 48.4         | 46.8         | 46.3  | 47.9                       | 654.0             |        |
| 57,5°                                    | 63.8                         | 60.2         | 56.0         | 51.2                                             | 50.2         | 51.5         | 48.3         | 47.3         | 44.5         | 43.7         | 41.9  | 46.4                       | 700.4             |        |
| 60,0°                                    | 52.9                         | 50.5         | 50.6         | 46.0                                             | 48.1         | 46.5         | 47.5         | 42.4         | 40.8         | 41.6         | 38.9  | 44.7                       | 745.2             |        |
| 62,5°                                    | 49.0                         | 44.0         | 43.6         | 43.5                                             | 43.0         | 44.9         | 42.5         | 41.4         | 36.9         | 37.8         | 35.1  | 43.7                       | 788.8             |        |
| 65,0°                                    | 46.0                         | 41.2         | 39.4         | 40.3                                             | 38.3         | 37.3         | 38.4         | 37.2         | 34.9         | 32.2         | 31.0  | 43.4                       | 832.2             |        |
| 67,5°                                    | 36.6                         | 34.3         | 35.2         | 34.3                                             | 34.4         | 34.1         | 34.2         | 31.5         | 29.4         | 25.2         | 25.2  | 42.6                       | 874.8             |        |
| 70,0°                                    | 32.1                         | 30.4         | 31.6         | 29.6                                             | 27.9         | 26.0         | 25.2         | 21.7         | 19.5         | 17.0         | 15.7  | 39.8                       | 914.6             |        |
| 72,5°                                    | 26.7                         | 27.4         | 25.8         | 25.7                                             | 21.0         | 20.1         | 16.5         | 13.8         | 12.3         | 12.4         | 11.0  | 35.2                       | 949.9             |        |
| 75,0°                                    | 21.8                         | 21.8         | 21.8         | 20.0                                             | 15.4         | 14.0         | 12.0         | 9.0          | 7.9          | 7.7          | 7.0   | 27.3                       | 977.2             |        |
| 77,5°                                    | 15.9                         | 14.8         | 13.6         | 12.0                                             | 9.9          | 8.9          | 7.1          | 5.2          | 3.1          | 2.1          | 2.4   | 15.0                       | 992.2             |        |
| 80,0°                                    | 7.8                          | 7.4          | 6.6          | 6.1                                              | 5.8          | 5.3          | 3.8          | 2.4          | 1.3          | 0.7          | 1.0   | 5.8                        | 998.0             |        |
| 82,5°                                    | 3.2                          | 2.6          | 2.4          | 3.5                                              | 2.9          | 2.3          | 1.6          | 0.9          | 0.4          | 0.3          | 0.2   | 1.7                        | 999.6             |        |
| 85,0°                                    | 0.8                          | 0.6          | 0.6          | 0.5                                              | 0.4          | 0.4          | 0.3          | 0.2          | 0.1          | 0.0          | 0.1   | 0.3                        | 999.9             |        |
| 87,5°                                    | 0.1                          | 0.1          | 0.1          | 0.0                                              | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                        | 1000.0            |        |
| 90,0°                                    | 0.0                          | 0.0          | 0.0          | 0.0                                              | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                        | 1000.0            |        |

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

## Photometric test report

|                                          |                                                                |                                 |
|------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 21 mini LED</b> | Order number: <b>5XE2D41G08HB</b><br>EAN: <b>4058352725177</b> | LP number<br><b>59076_913</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                       | 9860               | 70.9                                   | 75.1                                 | 73.0                         |
| 95                | 241                  | 252                       | 9355               | 65.9                                   | 69.9                                 | 67.9                         |
| 90                | 229                  | 250                       | 8890               | 61.6                                   | 65.3                                 | 63.4                         |
| 85                | 216                  | 248                       | 8385               | 57.1                                   | 60.5                                 | 58.8                         |
| 80                | 203                  | 246                       | 7880               | 52.8                                   | 55.8                                 | 54.3                         |
| 75                | 190                  | 243                       | 7376               | 48.7                                   | 51.5                                 | 50.1                         |
| 70                | 178                  | 241                       | 6910               | 45.0                                   | 47.6                                 | 46.3                         |
| 65                | 165                  | 238                       | 6405               | 41.2                                   | 43.6                                 | 42.4                         |
| 60                | 152                  | 235                       | 5900               | 37.5                                   | 39.5                                 | 38.5                         |
| 55                | 140                  | 232                       | 5435               | 34.2                                   | 36.1                                 | 35.2                         |
| 50                | 127                  | 229                       | 4930               | 30.7                                   | 32.4                                 | 31.6                         |
| 45                | 114                  | 225                       | 4425               | 27.5                                   | 28.9                                 | 28.2                         |
| 40                | 102                  | 221                       | 3960               | 24.4                                   | 25.7                                 | 25.0                         |
| 35                | 89                   | 216                       | 3455               | 21.3                                   | 22.4                                 | 21.8                         |
| 30                | 76                   | 210                       | 2950               | 18.2                                   | 19.1                                 | 18.6                         |
| 25                | 63                   | 203                       | 2446               | 15.4                                   | 16.1                                 | 15.8                         |
| 20                | 51                   | 195                       | 1980               | 12.7                                   | 13.3                                 | 13.0                         |
| 15                | 38                   | 184                       | 1475               | 9.9                                    | 10.3                                 | 10.1                         |
| 11                | 27                   | 172                       | 1048               | 7.9                                    | 8.0                                  | 8.0                          |

|                      |  |                                |
|----------------------|--|--------------------------------|
| 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                       | 9860               | 69.0                                   | 71.9                                 | 70.4                         |
| 95                | 241                  | 252                       | 9355               | 64.5                                   | 67.1                                 | 65.8                         |
| 90                | 229                  | 250                       | 8890               | 60.4                                   | 62.9                                 | 61.6                         |
| 85                | 216                  | 248                       | 8385               | 56.2                                   | 58.4                                 | 57.3                         |
| 80                | 203                  | 246                       | 7880               | 52.1                                   | 54.1                                 | 53.1                         |
| 75                | 190                  | 243                       | 7376               | 48.1                                   | 50.0                                 | 49.0                         |
| 70                | 178                  | 241                       | 6910               | 44.5                                   | 46.3                                 | 45.4                         |
| 65                | 165                  | 238                       | 6405               | 40.9                                   | 42.5                                 | 41.7                         |
| 60                | 152                  | 235                       | 5900               | 37.2                                   | 38.7                                 | 38.0                         |
| 55                | 140                  | 232                       | 5435               | 34.0                                   | 35.3                                 | 34.6                         |
| 50                | 127                  | 229                       | 4930               | 30.7                                   | 31.8                                 | 31.2                         |
| 45                | 114                  | 225                       | 4425               | 27.4                                   | 28.3                                 | 27.8                         |
| 40                | 102                  | 221                       | 3960               | 24.4                                   | 25.3                                 | 24.8                         |
| 35                | 89                   | 216                       | 3455               | 21.2                                   | 22.1                                 | 21.6                         |
| 30                | 76                   | 210                       | 2950               | 18.3                                   | 18.9                                 | 18.6                         |
| 25                | 63                   | 203                       | 2446               | 15.4                                   | 15.9                                 | 15.6                         |
| 20                | 51                   | 195                       | 1980               | 12.8                                   | 13.2                                 | 13.0                         |
| 15                | 38                   | 184                       | 1475               | 10.0                                   | 10.3                                 | 10.2                         |
| 11                | 27                   | 172                       | 1048               | 8.0                                    | 8.1                                  | 8.0                          |

Photometric test report

|                                   |                                                  |                                 |
|-----------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2D41G08HB<br>EAN: 4058352725177 | LP number<br>59076_913          |
| Dimming levels table              |                                                  | environmental temperature: 15°C |
|                                   |                                                  | siteco                          |

| 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                       | 9860               | 69.8                                   | 72.8                                 | 71.3                         |
| 95                | 241                  | 252                       | 9355               | 65.0                                   | 67.8                                 | 66.4                         |
| 90                | 229                  | 250                       | 8890               | 60.9                                   | 63.5                                 | 62.2                         |
| 85                | 216                  | 248                       | 8385               | 56.5                                   | 58.8                                 | 57.6                         |
| 80                | 203                  | 246                       | 7880               | 52.4                                   | 54.4                                 | 53.4                         |
| 75                | 190                  | 243                       | 7376               | 48.4                                   | 50.3                                 | 49.3                         |
| 70                | 178                  | 241                       | 6910               | 44.7                                   | 46.5                                 | 45.6                         |
| 65                | 165                  | 238                       | 6405               | 41.0                                   | 42.5                                 | 41.8                         |
| 60                | 152                  | 235                       | 5900               | 37.4                                   | 38.7                                 | 38.0                         |
| 55                | 140                  | 232                       | 5435               | 34.1                                   | 35.4                                 | 34.8                         |
| 50                | 127                  | 229                       | 4930               | 30.6                                   | 31.8                                 | 31.2                         |
| 45                | 114                  | 225                       | 4425               | 27.4                                   | 28.3                                 | 27.8                         |
| 40                | 102                  | 221                       | 3960               | 24.4                                   | 25.3                                 | 24.8                         |
| 35                | 89                   | 216                       | 3455               | 21.3                                   | 22.0                                 | 21.6                         |
| 30                | 76                   | 210                       | 2950               | 18.3                                   | 18.8                                 | 18.6                         |
| 25                | 63                   | 203                       | 2446               | 15.4                                   | 15.9                                 | 15.6                         |
| 20                | 51                   | 195                       | 1980               | 12.7                                   | 13.1                                 | 12.9                         |
| 15                | 38                   | 184                       | 1475               | 10.0                                   | 10.3                                 | 10.2                         |
| 11                | 27                   | 172                       | 1048               | 7.9                                    | 8.0                                  | 8.0                          |

Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2D41G08HB<br>EAN: 4058352725177 | LP number<br>59076_913 |
| Luminousfluxs table               |                                                  | siteco                 |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 9860.0              | 70.9                   |
| 5.0               | 9860.0              | 69.0                   |
| 15.0              | 9860.0              | 69.8                   |