

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 21 micro LED**

**Bestell-Nr.: 5XE1C41G08DB**  
**EAN: 4058352739839**

**LP-Nummer**  
**59081\_898**



**Ausführung** Mastansatz- / Mastaufsatzmontage  
**Optik** direkt, asymmetrisch breit strahlend  
 S080002  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 4000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 5010 lm  
 Systemleistung = 36.4 W  
 Lichtausbeute = 137.6 lm/W

**Seriendokumentation**  
26.10.2022

**siteco**

**Lichtstärke in cd/klm**

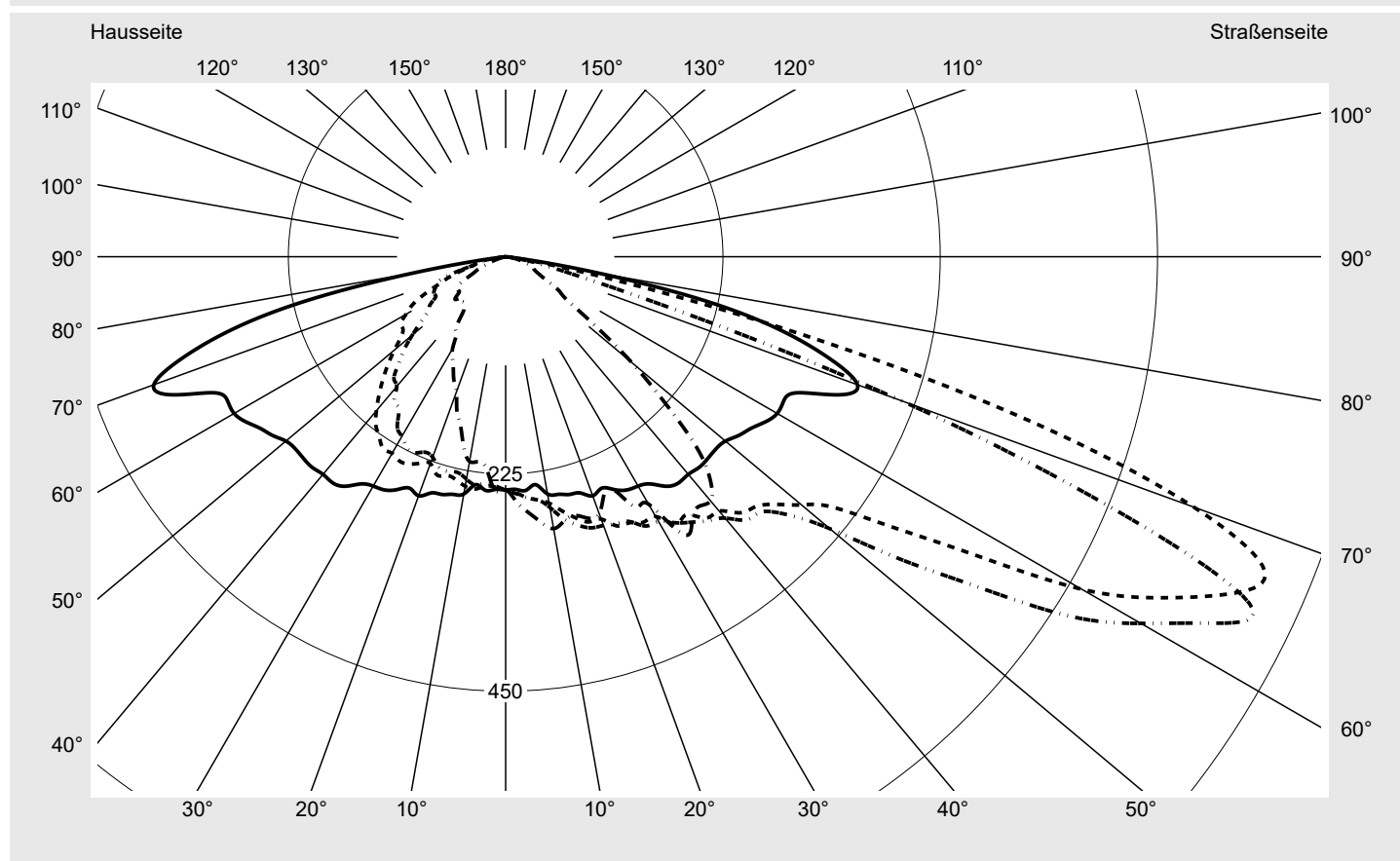
**C180-0**

**C200-20**

**C205-25**

**C270-90**

**Imax: 851 cd/klm**



### Leuchtenbetriebswirkungsgrade

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

### Lichtstärkeklasse nach EN13201-2

Klasse: G3  
 Imax 70° 826.1  
 Imax 80° 99.6  
 Imax 90° 0.0  
 Imax >90° 0.0  
 Imax >95° 0.0

### Messbedingungen

DIN EN 13032 und DIN 5032

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**EAN: 4058352739839**

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**59081\_898**

**Kegelmantelkurven in cd/klm**

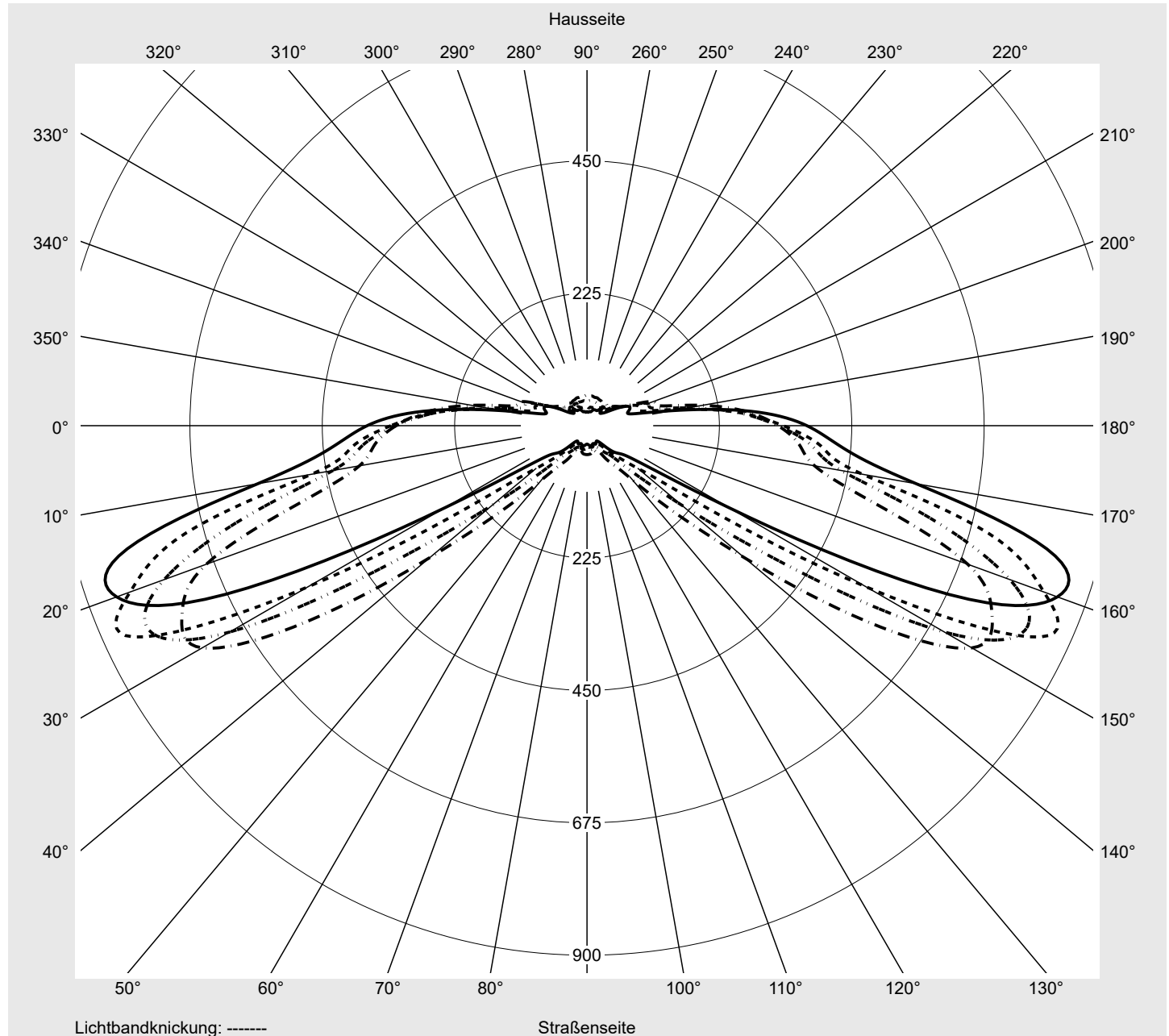
**KMK 67.5°**

**KMK 65°**

**KMK 62.5°**

**KMK 60°**

**siteco**



Lichttechnischer Prüfbefund

| Familie<br>Streetlight 21 micro LED |                       |            |             | Bestell-Nr.: 5XE1C41G08DB<br>EAN: 4058352739839 |             |             |             |             |             |             |             | LP-Nummer<br>59081_898 |             |
|-------------------------------------|-----------------------|------------|-------------|-------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|
| Wertetabelle Lichtstärkemessung     |                       |            |             |                                                 |             |             |             |             |             |             |             | siteco                 |             |
| C-<br>Ebenen                        | 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                                   | Lichtstärke in cd/klm |            |             |                                                 |             |             |             |             |             |             |             |                        |             |
| 0,0°                                | 241.6                 | 241.6      | 241.6       | 241.6                                           | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6       | 241.6                  | 241.6       |
| 2,5°                                | 241.2                 | 242.0      | 242.3       | 244.6                                           | 244.8       | 245.6       | 247.5       | 249.2       | 247.9       | 248.6       | 249.4       | 249.4                  | 252.1       |
| 5,0°                                | 242.8                 | 244.4      | 246.4       | 248.5                                           | 250.4       | 250.4       | 252.4       | 251.7       | 252.9       | 252.6       | 256.1       | 257.1                  | 257.8       |
| 7,5°                                | 238.1                 | 244.7      | 246.4       | 249.3                                           | 254.1       | 253.8       | 256.3       | 259.1       | 262.2       | 263.1       | 264.0       | 270.2                  | 274.3       |
| 10,0°                               | 249.5                 | 250.2      | 252.0       | 252.1                                           | 259.2       | 263.7       | 267.3       | 266.8       | 269.8       | 277.2       | 281.7       | 280.5                  | 280.0       |
| 12,5°                               | 252.1                 | 255.9      | 263.4       | 267.0                                           | 269.7       | 278.2       | 283.8       | 288.0       | 292.2       | 295.4       | 292.5       | 284.3                  | 282.5       |
| 15,0°                               | 254.9                 | 259.7      | 266.2       | 274.9                                           | 280.0       | 287.7       | 293.3       | 298.3       | 295.3       | 290.9       | 287.2       | 283.7                  | 284.2       |
| 17,5°                               | 256.6                 | 260.1      | 271.3       | 284.8                                           | 287.9       | 294.5       | 301.9       | 294.7       | 290.2       | 290.7       | 291.7       | 283.4                  | 285.5       |
| 20,0°                               | 263.5                 | 268.8      | 274.7       | 282.1                                           | 289.2       | 296.3       | 303.4       | 296.5       | 296.4       | 293.4       | 288.7       | 286.4                  | 289.0       |
| 22,5°                               | 259.6                 | 274.8      | 287.3       | 297.4                                           | 301.8       | 299.5       | 298.4       | 305.1       | 306.8       | 304.8       | 295.9       | 292.1                  | 289.5       |
| 25,0°                               | 266.1                 | 276.1      | 285.1       | 300.8                                           | 304.0       | 302.6       | 304.5       | 311.0       | 310.2       | 300.7       | 297.4       | 287.1                  | 288.5       |
| 27,5°                               | 272.3                 | 279.3      | 296.0       | 304.9                                           | 309.9       | 314.4       | 317.9       | 310.6       | 307.7       | 310.4       | 295.7       | 288.2                  | 284.2       |
| 30,0°                               | 274.3                 | 289.2      | 300.3       | 316.6                                           | 310.7       | 316.6       | 319.9       | 318.9       | 312.8       | 302.3       | 293.0       | 291.8                  | 303.0       |
| 32,5°                               | 279.1                 | 301.8      | 308.2       | 311.8                                           | 328.0       | 326.7       | 325.8       | 322.5       | 315.6       | 310.9       | 310.7       | 313.2                  | 326.1       |
| 35,0°                               | 290.3                 | 306.6      | 313.9       | 321.4                                           | 326.3       | 335.7       | 340.7       | 328.4       | 326.0       | 321.2       | 325.3       | 345.8                  | 350.0       |
| 37,5°                               | 294.9                 | 312.8      | 318.0       | 328.7                                           | 341.1       | 344.6       | 341.9       | 346.7       | 346.5       | 347.6       | 362.9       | 374.3                  | 375.4       |
| 40,0°                               | 294.3                 | 313.3      | 322.6       | 331.9                                           | 343.9       | 353.4       | 365.0       | 349.2       | 364.3       | 390.5       | 399.4       | 410.7                  | 406.8       |
| 42,5°                               | 296.2                 | 309.6      | 325.7       | 338.2                                           | 359.7       | 369.6       | 367.0       | 368.1       | 396.6       | 441.2       | 445.2       | 430.6                  | 422.9       |
| 45,0°                               | 295.8                 | 310.9      | 331.9       | 350.3                                           | 366.0       | 373.9       | 386.4       | 416.1       | 448.0       | 481.0       | 472.9       | 440.8                  | 413.9       |
| 47,5°                               | 295.0                 | 309.3      | 335.6       | 359.3                                           | 379.7       | 395.4       | 417.5       | 470.9       | 503.3       | 514.4       | 478.4       | 422.0                  | 378.4       |
| 50,0°                               | 297.1                 | 314.5      | 341.4       | 367.3                                           | 399.9       | 438.3       | 493.0       | 538.5       | 552.9       | 521.1       | 455.9       | 389.4                  | 328.3       |
| 52,5°                               | 304.1                 | 328.9      | 343.7       | 368.4                                           | 425.7       | 514.1       | 577.6       | 608.3       | 578.7       | 500.9       | 416.3       | 327.5                  | 253.0       |
| 55,0°                               | 310.1                 | 333.9      | 356.5       | 394.4                                           | 487.6       | 595.7       | 651.0       | 646.3       | 561.3       | 455.6       | 325.0       | 237.0                  | 181.1       |
| 57,5°                               | 318.6                 | 348.3      | 372.4       | 430.0                                           | 573.5       | 693.1       | 711.4       | 657.9       | 500.3       | 322.7       | 213.2       | 147.1                  | 101.6       |
| 60,0°                               | 324.7                 | 361.8      | 392.8       | 503.4                                           | 688.8       | 759.6       | 755.3       | 579.5       | 348.8       | 203.5       | 120.8       | 83.4                   | 65.9        |
| 62,5°                               | 324.4                 | 382.8      | 438.5       | 601.3                                           | 765.0       | 821.8       | 701.7       | 408.6       | 209.8       | 117.2       | 71.5        | 56.9                   | 47.8        |
| 65,0°                               | 333.4                 | 399.5      | 475.5       | 706.3                                           | 826.4       | 849.8       | 548.2       | 221.0       | 113.1       | 76.8        | 55.7        | 41.0                   | 36.7        |
| 67,5°                               | 373.8                 | 437.3      | 568.4       | 809.1                                           | 850.8       | 678.6       | 279.2       | 107.7       | 74.5        | 62.1        | 43.2        | 32.6                   | 31.2        |
| 70,0°                               | 387.7                 | 464.2      | 653.7       | 826.1                                           | 758.4       | 435.7       | 109.8       | 75.1        | 59.5        | 49.6        | 33.2        | 30.6                   | 30.4        |
| 72,5°                               | 352.6                 | 441.9      | 676.5       | 725.8                                           | 577.5       | 196.6       | 70.4        | 55.5        | 45.7        | 39.8        | 29.7        | 22.8                   | 23.7        |
| 75,0°                               | 295.8                 | 412.3      | 568.9       | 514.5                                           | 344.7       | 80.9        | 53.8        | 39.8        | 29.9        | 31.3        | 23.0        | 17.7                   | 16.7        |
| 77,5°                               | 213.1                 | 276.5      | 324.1       | 259.9                                           | 142.0       | 43.1        | 29.2        | 20.9        | 19.0        | 22.5        | 18.6        | 15.0                   | 14.8        |
| 80,0°                               | 96.9                  | 99.6       | 98.7        | 79.6                                            | 43.8        | 20.2        | 12.7        | 11.1        | 13.4        | 14.1        | 12.0        | 9.7                    | 10.4        |
| 82,5°                               | 18.6                  | 21.9       | 19.9        | 11.4                                            | 8.2         | 6.5         | 5.2         | 5.0         | 6.6         | 7.4         | 7.2         | 5.6                    | 6.1         |
| 85,0°                               | 1.2                   | 1.2        | 1.3         | 1.4                                             | 1.4         | 1.6         | 1.6         | 1.7         | 2.2         | 2.8         | 2.5         | 2.3                    | 2.1         |
| 87,5°                               | 0.3                   | 0.3        | 0.3         | 0.4                                             | 0.4         | 0.5         | 0.5         | 0.4         | 0.4         | 0.4         | 0.5         | 0.4                    | 0.4         |
| 90,0°                               | 0.0                   | 0.0        | 0.0         | 0.0                                             | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0                    | 0.0         |

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| Familie                         |                       |             |             | Bestell-Nr.: 5XE1C41G08DB |            |       |              |              |              |              |              | LP-Nummer            |              |        |
|---------------------------------|-----------------------|-------------|-------------|---------------------------|------------|-------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------|
| Streetlight 21 micro LED        |                       |             |             | EAN: 4058352739839        |            |       |              |              |              |              |              | 59081_898            |              |        |
| Wertetabelle Lichtstärkemessung |                       |             |             |                           |            |       |              |              |              |              |              | Maximale Lichtstärke |              | siteco |
| C-<br>Ebenen                    | 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                               | Lichtstärke in cd/klm |             |             |                           |            |       |              |              |              |              |              |                      |              |        |
| 0,0°                            | 241.6                 | 241.6       | 241.6       | 241.6                     | 241.6      | 241.6 | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6                | 241.6        |        |
| 2,5°                            | 252.7                 | 252.3       | 253.5       | 253.9                     | 252.0      | 253.8 | 240.2        | 239.2        | 240.4        | 239.0        | 237.8        | 236.9                | 238.2        |        |
| 5,0°                            | 261.6                 | 262.9       | 262.6       | 262.5                     | 264.1      | 265.6 | 242.6        | 240.6        | 238.7        | 238.3        | 235.4        | 234.3                | 235.6        |        |
| 7,5°                            | 275.6                 | 278.5       | 278.2       | 277.4                     | 277.8      | 277.0 | 238.4        | 241.3        | 240.2        | 242.8        | 238.2        | 235.5                | 230.7        |        |
| 10,0°                           | 284.8                 | 286.5       | 285.3       | 284.2                     | 283.5      | 286.0 | 246.7        | 248.1        | 242.7        | 241.4        | 234.0        | 230.9                | 226.1        |        |
| 12,5°                           | 282.9                 | 285.3       | 280.5       | 275.7                     | 279.2      | 280.2 | 254.8        | 247.0        | 239.2        | 236.8        | 229.0        | 222.6                | 221.7        |        |
| 15,0°                           | 281.8                 | 277.5       | 277.9       | 279.4                     | 277.7      | 277.4 | 244.7        | 239.6        | 238.4        | 234.6        | 230.0        | 219.2                | 214.8        |        |
| 17,5°                           | 283.9                 | 277.3       | 277.7       | 278.9                     | 281.6      | 284.0 | 248.6        | 244.3        | 240.8        | 236.9        | 228.6        | 219.6                | 210.1        |        |
| 20,0°                           | 284.6                 | 279.3       | 279.5       | 278.5                     | 278.6      | 283.3 | 250.4        | 244.8        | 243.7        | 227.9        | 221.0        | 216.4                | 210.3        |        |
| 22,5°                           | 284.0                 | 276.8       | 272.6       | 269.1                     | 269.6      | 266.4 | 255.9        | 245.3        | 244.2        | 231.5        | 219.1        | 210.1                | 200.8        |        |
| 25,0°                           | 275.9                 | 270.8       | 271.0       | 266.2                     | 274.3      | 266.8 | 255.1        | 246.9        | 247.0        | 236.8        | 224.1        | 207.1                | 197.3        |        |
| 27,5°                           | 277.2                 | 288.3       | 288.6       | 296.6                     | 291.7      | 292.3 | 261.4        | 252.5        | 247.8        | 238.4        | 222.4        | 196.8                | 187.3        |        |
| 30,0°                           | 300.5                 | 303.6       | 307.8       | 308.9                     | 315.5      | 295.9 | 263.4        | 249.0        | 247.9        | 235.1        | 214.7        | 195.0                | 180.4        |        |
| 32,5°                           | 328.9                 | 326.4       | 327.8       | 332.8                     | 327.9      | 340.2 | 269.9        | 256.6        | 249.9        | 235.9        | 208.8        | 190.6                | 172.1        |        |
| 35,0°                           | 351.6                 | 348.3       | 339.6       | 342.2                     | 331.1      | 336.2 | 268.3        | 256.9        | 245.4        | 228.0        | 192.6        | 183.8                | 161.7        |        |
| 37,5°                           | 368.3                 | 358.0       | 349.0       | 341.4                     | 341.3      | 326.8 | 275.2        | 256.7        | 243.1        | 220.7        | 189.6        | 173.4                | 144.9        |        |
| 40,0°                           | 386.9                 | 376.4       | 360.5       | 348.9                     | 343.2      | 330.2 | 273.0        | 257.9        | 233.4        | 208.2        | 175.4        | 159.5                | 133.5        |        |
| 42,5°                           | 394.5                 | 377.0       | 352.8       | 342.8                     | 324.4      | 313.6 | 277.4        | 255.6        | 229.9        | 194.1        | 171.3        | 138.8                | 126.0        |        |
| 45,0°                           | 373.7                 | 341.2       | 311.2       | 287.0                     | 275.0      | 280.3 | 269.7        | 257.0        | 221.7        | 179.7        | 156.7        | 124.5                | 119.8        |        |
| 47,5°                           | 332.0                 | 291.1       | 265.7       | 241.8                     | 221.6      | 223.1 | 275.8        | 249.1        | 205.7        | 165.3        | 142.6        | 109.4                | 111.0        |        |
| 50,0°                           | 269.1                 | 232.1       | 206.2       | 184.4                     | 172.7      | 170.4 | 273.8        | 244.3        | 195.3        | 150.3        | 126.0        | 94.7                 | 101.4        |        |
| 52,5°                           | 205.2                 | 169.9       | 145.0       | 128.5                     | 115.1      | 114.5 | 281.2        | 239.7        | 184.0        | 136.5        | 110.2        | 80.3                 | 85.7         |        |
| 55,0°                           | 131.1                 | 105.8       | 91.9        | 86.1                      | 80.5       | 76.4  | 280.3        | 234.7        | 170.5        | 129.9        | 97.7         | 73.5                 | 69.5         |        |
| 57,5°                           | 73.3                  | 66.6        | 63.9        | 61.6                      | 62.7       | 65.4  | 278.3        | 218.0        | 152.3        | 128.6        | 92.8         | 69.3                 | 60.8         |        |
| 60,0°                           | 48.6                  | 47.2        | 42.4        | 46.5                      | 48.7       | 49.2  | 272.7        | 199.4        | 130.1        | 119.1        | 83.8         | 65.0                 | 57.4         |        |
| 62,5°                           | 40.8                  | 39.5        | 39.7        | 41.1                      | 40.0       | 38.8  | 256.8        | 173.8        | 115.3        | 109.6        | 83.4         | 61.6                 | 54.5         |        |
| 65,0°                           | 37.1                  | 33.9        | 37.3        | 36.9                      | 36.5       | 33.5  | 258.2        | 159.9        | 96.1         | 94.2         | 81.3         | 61.6                 | 46.5         |        |
| 67,5°                           | 34.6                  | 32.3        | 33.4        | 34.6                      | 33.0       | 31.3  | 280.0        | 147.2        | 77.5         | 76.0         | 77.6         | 59.7                 | 40.8         |        |
| 70,0°                           | 32.0                  | 32.4        | 30.4        | 31.7                      | 27.2       | 29.4  | 247.6        | 108.4        | 58.8         | 62.7         | 73.3         | 58.4                 | 38.2         |        |
| 72,5°                           | 25.2                  | 26.4        | 26.2        | 25.4                      | 24.8       | 23.6  | 184.7        | 71.9         | 48.7         | 47.4         | 57.3         | 50.8                 | 34.9         |        |
| 75,0°                           | 18.7                  | 17.1        | 18.0        | 18.7                      | 18.1       | 18.1  | 95.7         | 27.7         | 25.4         | 34.3         | 36.0         | 34.8                 | 26.3         |        |
| 77,5°                           | 14.2                  | 12.3        | 12.0        | 12.2                      | 12.3       | 12.3  | 55.6         | 9.6          | 10.9         | 31.1         | 30.8         | 23.9                 | 17.8         |        |
| 80,0°                           | 9.5                   | 8.8         | 8.8         | 7.5                       | 7.9        | 7.8   | 31.0         | 5.8          | 8.6          | 24.2         | 22.9         | 16.0                 | 10.4         |        |
| 82,5°                           | 5.3                   | 5.0         | 4.6         | 4.2                       | 4.0        | 3.9   | 6.6          | 3.0          | 4.1          | 6.3          | 5.3          | 3.5                  | 3.5          |        |
| 85,0°                           | 2.4                   | 2.0         | 1.4         | 1.5                       | 1.4        | 1.5   | 1.1          | 1.0          | 1.1          | 0.9          | 0.9          | 0.9                  | 0.8          |        |
| 87,5°                           | 0.4                   | 0.4         | 0.3         | 0.3                       | 0.3        | 0.2   | 0.3          | 0.3          | 0.2          | 0.2          | 0.2          | 0.2                  | 0.2          |        |
| 90,0°                           | 0.0                   | 0.0         | 0.0         | 0.0                       | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0                  | 0.0          |        |

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|-------------------------------------|-----------------------|--------------|--------------|-------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|------------------------|-------------------|
| Wertetabelle Lichtstärkemessung     |                       |              |              |                                                 |              |              |              |              |              |              |       | siteco                 |                   |
| C-<br>Ebenen                        | 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               | Summe<br>Phi-Zone |
| γ                                   | Lichtstärke in cd/klm |              |              |                                                 |              |              |              |              |              |              |       | Lichtstrom in lm/klm   |                   |
| 0,0°                                | 241.6                 | 241.6        | 241.6        | 241.6                                           | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6        | 241.6 | 0.4                    | 0.4               |
| 2,5°                                | 241.3                 | 240.5        | 242.5        | 240.1                                           | 240.5        | 238.9        | 241.6        | 240.1        | 240.9        | 241.1        | 242.6 | 2.9                    | 3.3               |
| 5,0°                                | 232.5                 | 230.0        | 225.5        | 221.8                                           | 226.5        | 227.3        | 225.3        | 224.8        | 224.3        | 223.2        | 221.9 | 5.8                    | 9.1               |
| 7,5°                                | 228.8                 | 226.5        | 219.5        | 220.7                                           | 219.6        | 217.7        | 217.0        | 215.7        | 214.0        | 216.2        | 214.1 | 8.8                    | 17.9              |
| 10,0°                               | 221.8                 | 216.9        | 211.2        | 208.7                                           | 206.8        | 206.5        | 210.1        | 210.0        | 211.5        | 208.9        | 215.3 | 11.8                   | 29.6              |
| 12,5°                               | 221.7                 | 219.0        | 212.0        | 208.5                                           | 206.1        | 204.8        | 203.5        | 204.8        | 201.1        | 201.1        | 201.2 | 14.8                   | 44.4              |
| 15,0°                               | 211.3                 | 207.1        | 204.4        | 200.9                                           | 196.2        | 194.7        | 186.5        | 183.8        | 185.7        | 182.0        | 180.8 | 17.4                   | 61.9              |
| 17,5°                               | 206.3                 | 200.6        | 196.9        | 186.4                                           | 183.3        | 178.8        | 172.8        | 169.8        | 169.5        | 171.3        | 167.7 | 20.1                   | 82.0              |
| 20,0°                               | 201.6                 | 192.2        | 182.0        | 171.8                                           | 168.4        | 169.4        | 161.9        | 159.0        | 152.8        | 148.9        | 148.7 | 22.6                   | 104.6             |
| 22,5°                               | 189.5                 | 176.3        | 168.2        | 165.5                                           | 154.6        | 153.5        | 147.6        | 143.0        | 146.7        | 143.6        | 139.5 | 25.0                   | 129.6             |
| 25,0°                               | 184.5                 | 169.4        | 158.8        | 149.7                                           | 145.1        | 148.3        | 144.2        | 138.2        | 133.4        | 130.4        | 128.2 | 27.4                   | 157.0             |
| 27,5°                               | 173.0                 | 162.7        | 150.4        | 149.3                                           | 152.3        | 145.3        | 136.2        | 132.8        | 127.0        | 122.5        | 119.2 | 30.2                   | 187.2             |
| 30,0°                               | 162.4                 | 143.6        | 144.2        | 152.2                                           | 146.6        | 139.1        | 131.5        | 121.9        | 116.8        | 109.9        | 110.0 | 32.9                   | 220.1             |
| 32,5°                               | 151.4                 | 142.8        | 146.9        | 152.1                                           | 141.3        | 130.1        | 121.6        | 111.3        | 102.8        | 98.5         | 94.4  | 36.1                   | 256.2             |
| 35,0°                               | 140.7                 | 148.0        | 157.5        | 143.3                                           | 130.4        | 119.8        | 107.6        | 101.9        | 94.1         | 89.2         | 89.6  | 39.0                   | 295.2             |
| 37,5°                               | 138.0                 | 151.9        | 149.9        | 134.8                                           | 118.8        | 107.3        | 100.5        | 88.0         | 82.4         | 76.3         | 72.6  | 41.9                   | 337.1             |
| 40,0°                               | 134.4                 | 154.1        | 135.3        | 122.6                                           | 107.1        | 94.1         | 82.6         | 75.7         | 70.2         | 69.0         | 67.6  | 44.8                   | 381.9             |
| 42,5°                               | 138.4                 | 139.5        | 121.1        | 109.8                                           | 93.4         | 82.5         | 71.8         | 67.9         | 67.8         | 68.3         | 64.3  | 47.4                   | 429.2             |
| 45,0°                               | 135.6                 | 129.0        | 109.2        | 95.4                                            | 84.3         | 74.3         | 65.8         | 66.7         | 65.5         | 64.6         | 65.4  | 48.8                   | 478.1             |
| 47,5°                               | 125.8                 | 116.1        | 98.6         | 83.3                                            | 73.0         | 64.2         | 64.1         | 63.7         | 65.2         | 64.9         | 63.6  | 49.6                   | 527.7             |
| 50,0°                               | 107.6                 | 99.0         | 88.5         | 78.2                                            | 64.9         | 64.1         | 63.1         | 62.8         | 63.9         | 65.5         | 68.4  | 50.0                   | 577.6             |
| 52,5°                               | 82.9                  | 78.7         | 77.0         | 68.7                                            | 62.1         | 60.2         | 64.1         | 62.3         | 63.2         | 61.5         | 60.9  | 49.5                   | 627.1             |
| 55,0°                               | 64.7                  | 64.0         | 67.3         | 59.9                                            | 58.1         | 58.2         | 61.6         | 60.8         | 61.2         | 59.8         | 60.3  | 48.5                   | 675.6             |
| 57,5°                               | 53.0                  | 55.4         | 58.6         | 53.2                                            | 55.7         | 56.3         | 57.2         | 58.4         | 55.2         | 57.5         | 58.2  | 47.1                   | 722.8             |
| 60,0°                               | 49.5                  | 48.0         | 49.5         | 47.1                                            | 48.3         | 48.9         | 50.3         | 49.9         | 51.1         | 50.6         | 52.4  | 45.5                   | 768.2             |
| 62,5°                               | 42.5                  | 42.0         | 42.1         | 39.9                                            | 42.7         | 41.6         | 42.2         | 42.0         | 42.4         | 42.1         | 39.2  | 43.6                   | 811.9             |
| 65,0°                               | 40.5                  | 35.1         | 38.1         | 36.5                                            | 35.7         | 35.7         | 33.2         | 31.9         | 31.9         | 30.6         | 32.6  | 41.7                   | 853.6             |
| 67,5°                               | 33.0                  | 31.2         | 36.8         | 31.9                                            | 30.2         | 29.8         | 27.8         | 24.5         | 24.4         | 22.9         | 23.8  | 39.4                   | 892.9             |
| 70,0°                               | 29.7                  | 26.8         | 31.6         | 27.6                                            | 24.7         | 23.0         | 20.2         | 19.4         | 17.5         | 17.6         | 16.9  | 35.6                   | 928.5             |
| 72,5°                               | 23.8                  | 22.1         | 24.3         | 22.0                                            | 18.8         | 15.9         | 14.1         | 13.3         | 12.0         | 11.5         | 10.8  | 29.6                   | 958.2             |
| 75,0°                               | 17.8                  | 15.2         | 17.8         | 16.9                                            | 13.4         | 11.6         | 9.2          | 7.4          | 6.2          | 5.9          | 5.9   | 21.6                   | 979.7             |
| 77,5°                               | 13.5                  | 11.4         | 11.0         | 11.4                                            | 10.7         | 7.7          | 5.3          | 3.3          | 2.5          | 1.9          | 1.7   | 12.8                   | 992.6             |
| 80,0°                               | 7.9                   | 5.9          | 6.5          | 6.2                                             | 5.3          | 4.4          | 3.9          | 1.5          | 1.0          | 0.8          | 0.8   | 5.5                    | 998.1             |
| 82,5°                               | 3.3                   | 2.7          | 2.5          | 2.3                                             | 2.2          | 1.7          | 2.0          | 0.7          | 0.3          | 0.2          | 0.2   | 1.5                    | 999.6             |
| 85,0°                               | 0.6                   | 0.6          | 0.5          | 0.4                                             | 0.2          | 0.2          | 0.2          | 0.1          | 0.0          | 0.1          | 0.1   | 0.3                    | 999.9             |
| 87,5°                               | 0.1                   | 0.1          | 0.0          | 0.0                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                    | 1000.0            |
| 90,0°                               | 0.0                   | 0.0          | 0.0          | 0.0                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                    | 1000.0            |

Lichttechnischer Prüfbefund

|                                                     |                                                               |                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 micro LED</b>   | <b>Bestell-Nr.: 5XE1C41G08DB</b><br><b>EAN: 4058352739839</b> | <b>LP-Nummer</b><br><b>59081_898</b>                                                |
| <b>Dimmstufen-Tabelle</b> Umgebungstemperatur: 25°C |                                                               |  |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 5010            | 36.4                                 | 38.3                               | 37.3                            |
| 95             | 241              | 252                     | 4754            | 33.9                                 | 35.7                               | 34.8                            |
| 90             | 229              | 250                     | 4517            | 31.8                                 | 33.4                               | 32.6                            |
| 85             | 216              | 248                     | 4260            | 29.5                                 | 31.0                               | 30.2                            |
| 80             | 203              | 246                     | 4004            | 27.3                                 | 28.6                               | 28.0                            |
| 75             | 190              | 243                     | 3748            | 25.2                                 | 26.4                               | 25.8                            |
| 70             | 178              | 241                     | 3511            | 23.3                                 | 24.5                               | 23.9                            |
| 65             | 165              | 238                     | 3255            | 21.3                                 | 22.4                               | 21.8                            |
| 60             | 152              | 235                     | 2998            | 19.4                                 | 20.4                               | 19.9                            |
| 55             | 140              | 232                     | 2761            | 17.7                                 | 18.6                               | 18.2                            |
| 50             | 127              | 229                     | 2505            | 15.9                                 | 16.7                               | 16.3                            |
| 45             | 114              | 225                     | 2249            | 14.3                                 | 14.9                               | 14.6                            |
| 40             | 102              | 221                     | 2012            | 12.7                                 | 13.2                               | 13.0                            |
| 35             | 89               | 216                     | 1755            | 11.1                                 | 11.6                               | 11.4                            |
| 30             | 76               | 210                     | 1499            | 9.6                                  | 9.9                                | 9.8                             |
| 25             | 63               | 203                     | 1243            | 8.0                                  | 8.4                                | 8.2                             |
| 20             | 51               | 195                     | 1006            | 6.7                                  | 7.0                                | 6.8                             |
| 15             | 38               | 184                     | 750             | 5.3                                  | 5.5                                | 5.4                             |
| 10             | 26               | 171                     | 513             | 4.1                                  | 4.3                                | 4.2                             |

|                                                    |  |
|----------------------------------------------------|--|
| <b>Dimmstufen-Tabelle</b> Umgebungstemperatur: 5°C |  |
|----------------------------------------------------|--|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 5010            | 35.7                                 | 37.4                               | 36.6                            |
| 95             | 241              | 252                     | 4754            | 33.3                                 | 34.9                               | 34.1                            |
| 90             | 229              | 250                     | 4517            | 31.3                                 | 32.7                               | 32.0                            |
| 85             | 216              | 248                     | 4260            | 29.1                                 | 30.5                               | 29.8                            |
| 80             | 203              | 246                     | 4004            | 26.9                                 | 28.2                               | 27.6                            |
| 75             | 190              | 243                     | 3748            | 24.9                                 | 26.1                               | 25.5                            |
| 70             | 178              | 241                     | 3511            | 23.1                                 | 24.2                               | 23.6                            |
| 65             | 165              | 238                     | 3255            | 21.2                                 | 22.1                               | 21.6                            |
| 60             | 152              | 235                     | 2998            | 19.4                                 | 20.2                               | 19.8                            |
| 55             | 140              | 232                     | 2761            | 17.7                                 | 18.4                               | 18.0                            |
| 50             | 127              | 229                     | 2505            | 16.0                                 | 16.6                               | 16.3                            |
| 45             | 114              | 225                     | 2249            | 14.2                                 | 14.8                               | 14.5                            |
| 40             | 102              | 221                     | 2012            | 12.7                                 | 13.2                               | 13.0                            |
| 35             | 89               | 216                     | 1755            | 11.1                                 | 11.6                               | 11.4                            |
| 30             | 76               | 210                     | 1499            | 9.5                                  | 9.9                                | 9.7                             |
| 25             | 63               | 203                     | 1243            | 8.1                                  | 8.3                                | 8.2                             |
| 20             | 51               | 195                     | 1006            | 6.7                                  | 7.0                                | 6.8                             |
| 15             | 38               | 184                     | 750             | 5.4                                  | 5.6                                | 5.5                             |
| 11             | 27               | 172                     | 533             | 4.2                                  | 4.4                                | 4.3                             |

Lichttechnischer Prüfbefund

|                                                        |                                                               |                                      |
|--------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 micro LED</b>      | <b>Bestell-Nr.: 5XE1C41G08DB</b><br><b>EAN: 4058352739839</b> | <b>LP-Nummer</b><br><b>59081_898</b> |
| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 15°C |                                                               | <b>sit</b> eco                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 5010            | 36.0                                 | 37.7                               | 36.8                            |
| 95             | 241              | 252                     | 4754            | 33.6                                 | 35.2                               | 34.4                            |
| 90             | 229              | 250                     | 4517            | 31.5                                 | 32.9                               | 32.2                            |
| 85             | 216              | 248                     | 4260            | 29.2                                 | 30.6                               | 29.9                            |
| 80             | 203              | 246                     | 4004            | 27.1                                 | 28.4                               | 27.8                            |
| 75             | 190              | 243                     | 3748            | 25.0                                 | 26.2                               | 25.6                            |
| 70             | 178              | 241                     | 3511            | 23.1                                 | 24.2                               | 23.6                            |
| 65             | 165              | 238                     | 3255            | 21.2                                 | 22.2                               | 21.7                            |
| 60             | 152              | 235                     | 2998            | 19.3                                 | 20.3                               | 19.8                            |
| 55             | 140              | 232                     | 2761            | 17.7                                 | 18.4                               | 18.0                            |
| 50             | 127              | 229                     | 2505            | 15.9                                 | 16.6                               | 16.2                            |
| 45             | 114              | 225                     | 2249            | 14.2                                 | 14.9                               | 14.6                            |
| 40             | 102              | 221                     | 2012            | 12.7                                 | 13.2                               | 13.0                            |
| 35             | 89               | 216                     | 1755            | 11.1                                 | 11.6                               | 11.4                            |
| 30             | 76               | 210                     | 1499            | 9.6                                  | 9.9                                | 9.8                             |
| 25             | 63               | 203                     | 1243            | 8.1                                  | 8.4                                | 8.2                             |
| 20             | 51               | 195                     | 1006            | 6.8                                  | 6.9                                | 6.8                             |
| 15             | 38               | 184                     | 750             | 5.4                                  | 5.5                                | 5.4                             |
| 11             | 27               | 172                     | 533             | 4.2                                  | 4.4                                | 4.3                             |

Lichttechnischer Prüfbefund

|                                                   |                                                               |                                      |
|---------------------------------------------------|---------------------------------------------------------------|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 micro LED</b> | <b>Bestell-Nr.: 5XE1C41G08DB</b><br><b>EAN: 4058352739839</b> | <b>LP-Nummer</b><br><b>59081_898</b> |
| <b>Lichtstrom-Tabelle</b>                         |                                                               | <b>siteco</b>                        |

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 5010.0           | 36.4                |
| 5.0              | 5010.0           | 35.7                |
| 15.0             | 5010.0           | 36.0                |