

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 11 micro LED**

**Bestell-Nr.: 5XC1A31F08CE**  
**EAN: 4058352554418**

**LP-Nummer**  
**58065\_283**



**Ausführung** Mastansatz- / Mastaufsatzmontage  
**Optik** asymmetrisch, breit strahlend (ST1.2a)  
**Abdeckung** klar, PMMA  
**Bestückung** LED 3000 K | CRI ≥ 80  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 1620 lm  
 Systemleistung = 12.6 W  
 Lichtausbeute = 128.6 lm/W

**Seriodokumentation**  
**14.02.2025**

**siteco**

**Lichtstärke in cd/klm**

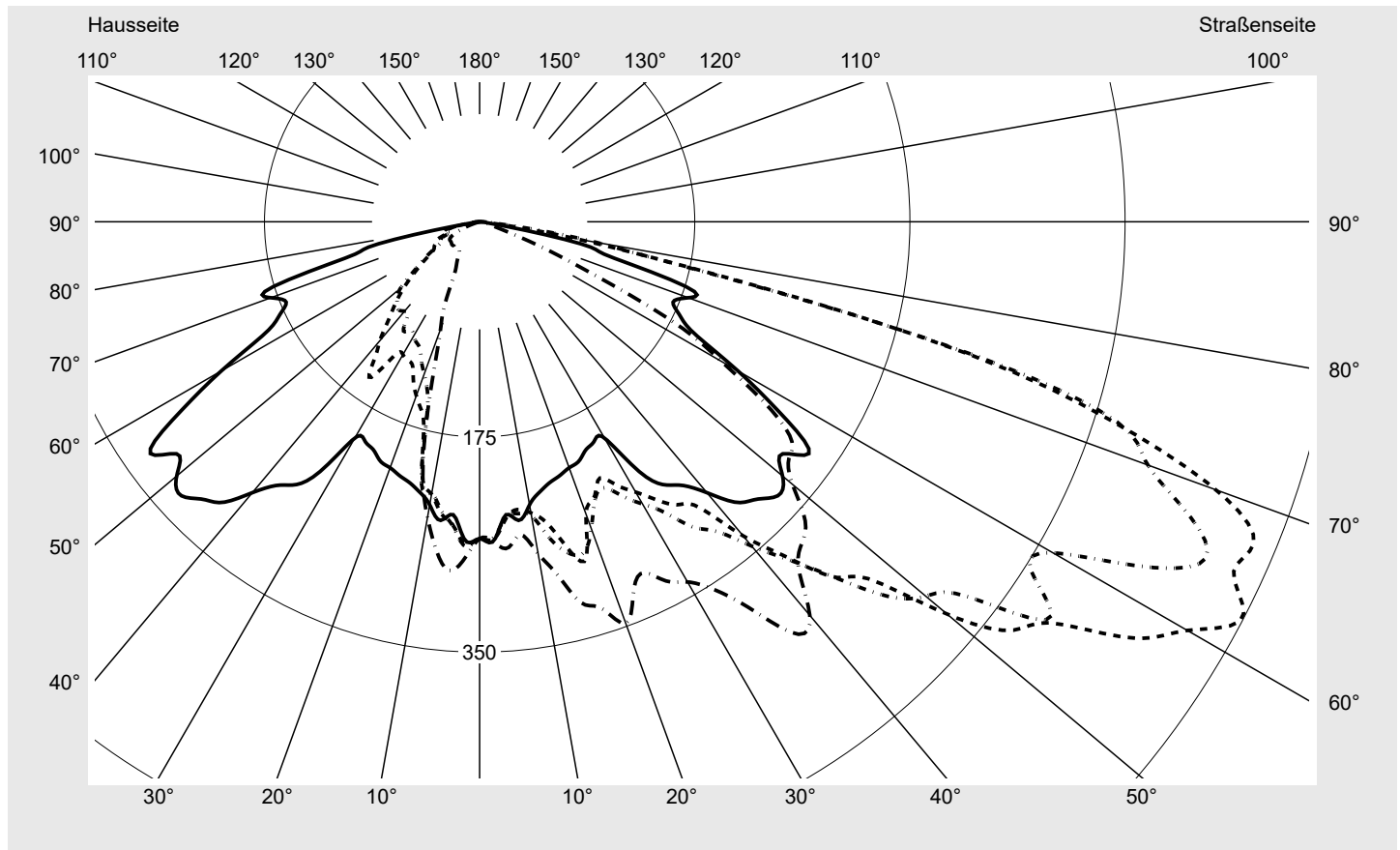
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 699 cd/klm**



### Leuchtenbetriebswirkungsgrade

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

### Lichtstärkeklasse nach EN13201-2

Klasse: G3  
 Imax 70° 637.5  
 Imax 80° 98.2  
 Imax 90° 0.0  
 Imax >90° 0.0  
 Imax >95° 0.0

### Messbedingungen

DIN EN 13032 und DIN 5032

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EAN: **4058352554418**

LP-Nummer  
**58065\_283**

Kegelmantelkurven in cd/klm

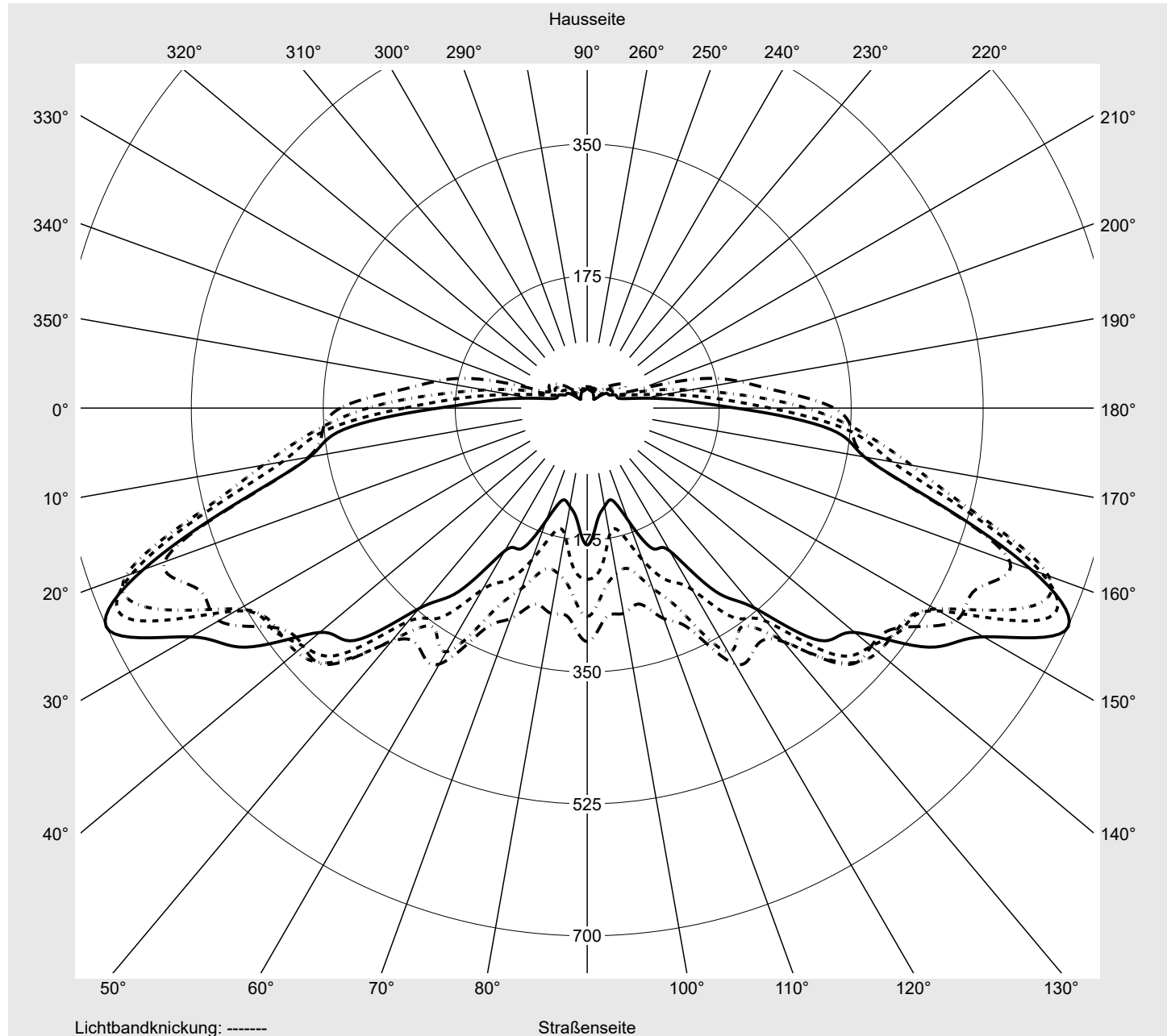
KMK 62,5°

KMK 60°

KMK 57,5°

KMK 55°

siteco



Lichttechnischer Prüfbefund

|                                     |                       |            |             |                                                 |             |             |             |             |             |             |             |                                      |             |
|-------------------------------------|-----------------------|------------|-------------|-------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------------|-------------|
| Familie<br>Streetlight 11 micro LED |                       |            |             | Bestell-Nr.: 5XC1A31F08CE<br>EAN: 4058352554418 |             |             |             |             |             |             |             | LP-Nummer<br>58065_283<br><br>siteco |             |
| Wertetabelle Lichtstärkemessung     |                       |            |             |                                                 |             |             |             |             |             |             |             |                                      |             |
| Maximale Lichtstärke                |                       |            |             |                                                 |             |             |             |             |             |             |             |                                      |             |
| 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°                                | 257.7                 | 257.7      | 257.7       | 257.7                                           | 257.7       | 257.7       | 257.7       | 257.7       | 257.7       | 257.7       | 257.7       | 257.7                                | 257.7       |
| 2,5°                                | 259.9                 | 259.7      | 259.7       | 260.1                                           | 259.7       | 258.6       | 257.4       | 255.7       | 253.8       | 253.3       | 252.7       | 252.9                                | 253.7       |
| 5,0°                                | 239.6                 | 238.9      | 237.5       | 239.1                                           | 243.2       | 242.7       | 240.8       | 244.6       | 250.6       | 256.3       | 263.1       | 271.3                                | 271.3       |
| 7,5°                                | 244.9                 | 242.1      | 235.6       | 230.9                                           | 228.8       | 236.0       | 239.4       | 250.8       | 256.3       | 259.9       | 254.4       | 255.2                                | 258.8       |
| 10,0°                               | 233.7                 | 243.2      | 241.5       | 238.9                                           | 240.0       | 240.4       | 242.7       | 243.0       | 250.6       | 255.7       | 265.4       | 267.5                                | 278.3       |
| 12,5°                               | 225.2                 | 233.7      | 239.6       | 245.3                                           | 250.1       | 250.4       | 263.7       | 271.5       | 263.5       | 263.7       | 272.0       | 275.3                                | 277.7       |
| 15,0°                               | 219.7                 | 229.0      | 247.6       | 256.3                                           | 265.0       | 273.9       | 278.9       | 272.2       | 267.7       | 271.1       | 272.8       | 264.7                                | 275.6       |
| 17,5°                               | 216.5                 | 223.5      | 248.2       | 257.8                                           | 271.3       | 287.6       | 282.1       | 276.8       | 264.1       | 264.7       | 264.1       | 271.1                                | 270.1       |
| 20,0°                               | 212.9                 | 224.3      | 235.6       | 241.9                                           | 249.3       | 252.9       | 265.6       | 273.9       | 277.0       | 265.4       | 250.6       | 254.8                                | 274.5       |
| 22,5°                               | 210.8                 | 219.3      | 222.6       | 234.7                                           | 239.4       | 243.0       | 245.1       | 248.3       | 255.4       | 253.7       | 253.7       | 262.2                                | 262.4       |
| 25,0°                               | 204.6                 | 216.7      | 224.8       | 227.7                                           | 230.5       | 230.3       | 238.7       | 255.2       | 263.5       | 262.2       | 277.0       | 272.4                                | 278.5       |
| 27,5°                               | 201.5                 | 215.0      | 216.5       | 224.8                                           | 233.7       | 241.5       | 251.4       | 261.8       | 265.4       | 279.6       | 301.0       | 305.2                                | 312.8       |
| 30,0°                               | 203.0                 | 214.8      | 220.7       | 231.7                                           | 244.7       | 253.8       | 265.0       | 270.1       | 283.8       | 299.2       | 324.7       | 337.6                                | 348.1       |
| 32,5°                               | 240.0                 | 235.6      | 234.5       | 235.3                                           | 252.5       | 268.3       | 280.4       | 287.4       | 312.2       | 327.0       | 350.0       | 360.2                                | 381.1       |
| 35,0°                               | 261.0                 | 262.6      | 256.5       | 255.9                                           | 264.3       | 281.0       | 303.1       | 310.9       | 322.3       | 347.3       | 367.4       | 382.6                                | 402.5       |
| 37,5°                               | 270.1                 | 279.4      | 281.0       | 280.8                                           | 282.5       | 292.3       | 317.5       | 330.6       | 342.0       | 366.8       | 377.3       | 417.6                                | 423.1       |
| 40,0°                               | 287.6                 | 289.7      | 295.7       | 308.3                                           | 316.2       | 333.5       | 344.3       | 342.9       | 362.1       | 396.0       | 398.7       | 425.6                                | 460.3       |
| 42,5°                               | 309.6                 | 310.1      | 306.5       | 320.6                                           | 345.6       | 369.9       | 373.1       | 366.5       | 370.1       | 405.9       | 409.7       | 424.1                                | 463.7       |
| 45,0°                               | 319.1                 | 326.6      | 339.9       | 375.4                                           | 394.1       | 408.9       | 409.3       | 397.9       | 403.0       | 408.5       | 412.3       | 421.8                                | 444.0       |
| 47,5°                               | 329.5                 | 324.9      | 325.9       | 392.6                                           | 432.8       | 430.2       | 451.0       | 434.1       | 450.1       | 424.7       | 412.7       | 419.2                                | 439.1       |
| 50,0°                               | 321.7                 | 337.0      | 337.0       | 403.0                                           | 489.7       | 496.5       | 473.8       | 484.8       | 475.1       | 452.0       | 430.2       | 413.1                                | 420.5       |
| 52,5°                               | 310.1                 | 321.7      | 346.7       | 404.6                                           | 507.5       | 545.8       | 500.9       | 473.0       | 508.8       | 459.5       | 427.7       | 416.3                                | 397.2       |
| 55,0°                               | 327.4                 | 352.3      | 375.6       | 473.9                                           | 596.6       | 568.9       | 564.2       | 507.3       | 491.6       | 480.8       | 404.6       | 388.3                                | 392.0       |
| 57,5°                               | 290.6                 | 365.3      | 436.7       | 530.2                                           | 651.2       | 630.3       | 533.1       | 505.4       | 503.3       | 477.0       | 401.5       | 355.3                                | 373.3       |
| 60,0°                               | 242.7                 | 350.2      | 410.5       | 516.6                                           | 642.3       | 664.7       | 538.2       | 510.5       | 491.4       | 462.0       | 369.5       | 339.3                                | 277.9       |
| 62,5°                               | 197.0                 | 323.8      | 373.5       | 476.4                                           | 626.6       | 699.2       | 606.8       | 553.0       | 462.9       | 435.8       | 347.1       | 297.1                                | 218.8       |
| 65,0°                               | 179.5                 | 280.2      | 343.1       | 404.0                                           | 556.8       | 676.6       | 650.6       | 531.2       | 454.6       | 415.7       | 339.3       | 267.7                                | 193.9       |
| 67,5°                               | 170.4                 | 253.6      | 315.8       | 366.1                                           | 567.4       | 681.7       | 625.0       | 497.3       | 409.1       | 364.7       | 296.5       | 241.5                                | 173.8       |
| 70,0°                               | 180.7                 | 254.0      | 305.9       | 356.9                                           | 500.0       | 637.5       | 578.2       | 458.2       | 366.5       | 303.9       | 243.8       | 186.5                                | 151.1       |
| 72,5°                               | 177.1                 | 253.8      | 262.9       | 340.7                                           | 417.3       | 539.9       | 545.4       | 397.0       | 317.0       | 272.8       | 193.0       | 154.3                                | 144.8       |
| 75,0°                               | 110.7                 | 201.4      | 253.0       | 322.9                                           | 326.5       | 401.9       | 408.9       | 286.5       | 228.6       | 201.1       | 142.4       | 135.5                                | 132.5       |
| 77,5°                               | 88.0                  | 125.7      | 156.6       | 239.2                                           | 175.9       | 190.1       | 183.1       | 164.0       | 125.9       | 136.7       | 94.4        | 91.6                                 | 91.9        |
| 80,0°                               | 24.5                  | 28.1       | 39.4        | 78.7                                            | 68.8        | 80.0        | 96.1        | 98.2        | 94.9        | 89.3        | 52.1        | 31.7                                 | 29.0        |
| 82,5°                               | 5.9                   | 6.6        | 7.8         | 9.5                                             | 12.1        | 17.6        | 35.1        | 52.1        | 44.2        | 29.6        | 19.5        | 15.7                                 | 12.1        |
| 85,0°                               | 4.2                   | 4.4        | 4.7         | 5.5                                             | 6.8         | 8.0         | 8.7         | 9.7         | 9.9         | 9.1         | 8.5         | 7.6                                  | 7.2         |
| 87,5°                               | 2.7                   | 2.7        | 3.0         | 3.4                                             | 3.8         | 4.6         | 4.7         | 5.1         | 5.3         | 4.9         | 4.6         | 4.2                                  | 3.6         |
| 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         |
| 100,0°                              | 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         |
| 110,0°                              | 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         |
| 120,0°                              | 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         |
| 130,0°                              | 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         |
| 140,0°                              | 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         |
| 150,0°                              | 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         |
| 160,0°                              | 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         |
| 170,0°                              | 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         |
| 180,0°                              | 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<br>Streetlight 11 micro LED |                       |             |             | Bestell-Nr.: 5XC1A31F08CE<br>EAN: 4058352554418 |            |       |              |              |              |              |              | LP-Nummer<br>58065_283 |              |
| Wertetabelle Lichtstärkemessung     |                       |             |             |                                                 |            |       |              |              |              |              |              | siteco                 |              |
| Maximale Lichtstärke                |                       |             |             |                                                 |            |       |              |              |              |              |              |                        |              |
| 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°                                | 257.7                 | 257.7       | 257.7       | 257.7                                           | 257.7      | 257.7 | 257.7        | 257.7        | 257.7        | 257.7        | 257.7        | 257.7                  | 257.7        |
| 2,5°                                | 255.2                 | 257.3       | 259.0       | 260.5                                           | 261.0      | 260.5 | 260.5        | 260.9        | 261.4        | 262.0        | 262.8        | 264.3                  | 266.5        |
| 5,0°                                | 271.1                 | 267.7       | 264.7       | 264.1                                           | 266.0      | 266.2 | 241.5        | 243.6        | 246.1        | 247.0        | 247.8        | 248.5                  | 247.0        |
| 7,5°                                | 257.6                 | 258.8       | 261.4       | 260.7                                           | 257.3      | 256.7 | 241.5        | 238.9        | 239.6        | 239.6        | 239.4        | 237.4                  | 234.1        |
| 10,0°                               | 278.1                 | 274.7       | 268.3       | 265.0                                           | 270.1      | 274.1 | 225.6        | 221.4        | 223.7        | 228.4        | 224.8        | 224.5                  | 220.5        |
| 12,5°                               | 274.9                 | 275.1       | 275.6       | 285.7                                           | 289.5      | 294.6 | 219.9        | 216.9        | 213.3        | 209.1        | 214.4        | 218.6                  | 219.3        |
| 15,0°                               | 280.8                 | 283.8       | 297.3       | 315.8                                           | 317.9      | 321.1 | 215.7        | 202.3        | 195.1        | 186.0        | 175.7        | 167.2                  | 166.3        |
| 17,5°                               | 291.2                 | 299.0       | 298.2       | 315.1                                           | 329.9      | 329.5 | 198.7        | 186.4        | 181.8        | 175.4        | 159.2        | 142.2                  | 130.1        |
| 20,0°                               | 271.3                 | 289.1       | 297.8       | 313.2                                           | 341.0      | 347.7 | 199.8        | 181.6        | 168.9        | 161.5        | 150.5        | 131.8                  | 120.4        |
| 22,5°                               | 270.5                 | 277.2       | 305.4       | 312.6                                           | 324.4      | 326.8 | 190.3        | 175.9        | 161.0        | 150.7        | 140.7        | 123.4                  | 105.2        |
| 25,0°                               | 282.8                 | 301.6       | 307.7       | 314.7                                           | 328.2      | 315.1 | 190.9        | 167.2        | 157.3        | 140.3        | 129.1        | 114.5                  | 102.6        |
| 27,5°                               | 315.3                 | 328.0       | 341.6       | 331.0                                           | 327.8      | 329.5 | 184.8        | 171.2        | 157.0        | 141.2        | 126.8        | 110.9                  | 93.1         |
| 30,0°                               | 362.3                 | 355.3       | 351.3       | 350.0                                           | 344.3      | 338.2 | 189.8        | 175.4        | 158.7        | 140.1        | 124.7        | 107.5                  | 87.6         |
| 32,5°                               | 375.7                 | 361.3       | 361.5       | 370.6                                           | 364.6      | 354.5 | 230.1        | 220.3        | 179.5        | 151.7        | 129.1        | 104.5                  | 85.1         |
| 35,0°                               | 399.3                 | 383.3       | 385.8       | 390.0                                           | 393.9      | 384.1 | 253.1        | 241.5        | 199.8        | 175.5        | 154.7        | 108.1                  | 82.5         |
| 37,5°                               | 425.0                 | 417.1       | 400.2       | 406.6                                           | 416.9      | 422.4 | 261.4        | 243.2        | 194.1        | 165.9        | 140.3        | 96.1                   | 84.7         |
| 40,0°                               | 456.3                 | 428.4       | 401.5       | 377.8                                           | 394.5      | 417.8 | 293.1        | 265.8        | 201.9        | 175.2        | 126.3        | 94.8                   | 88.7         |
| 42,5°                               | 467.3                 | 416.5       | 391.7       | 370.2                                           | 369.9      | 384.5 | 299.0        | 255.9        | 192.0        | 172.1        | 110.9        | 97.3                   | 86.6         |
| 45,0°                               | 479.8                 | 431.7       | 387.1       | 364.9                                           | 366.5      | 370.4 | 313.6        | 262.0        | 196.8        | 154.1        | 99.2         | 94.8                   | 89.7         |
| 47,5°                               | 461.1                 | 403.4       | 368.2       | 367.0                                           | 372.9      | 359.1 | 308.1        | 244.2        | 191.3        | 127.6        | 88.3         | 91.0                   | 93.1         |
| 50,0°                               | 420.3                 | 371.2       | 331.2       | 323.8                                           | 346.4      | 332.1 | 295.6        | 240.4        | 177.4        | 103.5        | 76.8         | 84.0                   | 77.5         |
| 52,5°                               | 382.0                 | 343.3       | 299.5       | 312.4                                           | 316.4      | 317.0 | 279.1        | 224.8        | 162.7        | 87.2         | 65.0         | 70.1                   | 65.2         |
| 55,0°                               | 324.2                 | 297.3       | 269.2       | 276.6                                           | 279.2      | 309.8 | 255.9        | 204.2        | 148.4        | 70.5         | 54.8         | 58.4                   | 55.9         |
| 57,5°                               | 299.3                 | 254.8       | 221.8       | 222.9                                           | 244.0      | 276.4 | 202.8        | 138.2        | 92.1         | 55.0         | 45.9         | 49.3                   | 47.6         |
| 60,0°                               | 252.3                 | 214.2       | 171.2       | 170.8                                           | 212.1      | 227.1 | 161.3        | 103.5        | 68.4         | 49.7         | 42.7         | 39.6                   | 40.0         |
| 62,5°                               | 205.7                 | 158.5       | 126.4       | 132.5                                           | 150.5      | 181.6 | 122.8        | 75.3         | 48.5         | 42.1         | 41.1         | 34.5                   | 33.2         |
| 65,0°                               | 152.2                 | 108.4       | 88.3        | 87.6                                            | 107.1      | 106.9 | 112.6        | 58.0         | 45.9         | 38.3         | 38.1         | 32.4                   | 33.0         |
| 67,5°                               | 140.1                 | 83.2        | 53.8        | 49.7                                            | 68.6       | 59.5  | 108.4        | 56.3         | 45.1         | 35.3         | 36.8         | 32.4                   | 24.5         |
| 70,0°                               | 131.4                 | 69.2        | 38.1        | 24.1                                            | 29.0       | 25.4  | 106.4        | 59.1         | 44.9         | 35.6         | 29.6         | 24.1                   | 22.2         |
| 72,5°                               | 108.6                 | 36.0        | 24.5        | 13.6                                            | 12.5       | 12.1  | 92.3         | 63.5         | 49.3         | 45.9         | 30.9         | 26.5                   | 22.6         |
| 75,0°                               | 79.2                  | 24.6        | 15.2        | 10.4                                            | 9.3        | 9.1   | 63.1         | 60.5         | 59.0         | 37.2         | 30.1         | 28.4                   | 20.1         |
| 77,5°                               | 30.7                  | 16.9        | 10.8        | 8.2                                             | 7.2        | 7.6   | 72.4         | 53.5         | 51.6         | 29.2         | 26.9         | 24.3                   | 17.6         |
| 80,0°                               | 16.3                  | 11.4        | 7.8         | 6.1                                             | 5.3        | 5.3   | 20.5         | 23.7         | 21.0         | 16.1         | 15.7         | 17.3                   | 18.6         |
| 82,5°                               | 10.0                  | 7.4         | 5.5         | 4.2                                             | 3.6        | 3.4   | 5.5          | 5.5          | 5.7          | 6.1          | 6.8          | 7.4                    | 7.6          |
| 85,0°                               | 5.7                   | 4.4         | 3.0         | 2.3                                             | 1.9        | 1.9   | 3.8          | 3.6          | 3.6          | 3.8          | 4.0          | 3.6                    | 3.6          |
| 87,5°                               | 2.8                   | 2.1         | 1.3         | 0.9                                             | 0.8        | 0.8   | 2.3          | 2.3          | 2.3          | 2.3          | 2.1          | 2.1                    | 2.1          |
| 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          |
| 100,0°                              | 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          |
| 110,0°                              | 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          |
| 120,0°                              | 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          |
| 130,0°                              | 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          |
| 140,0°                              | 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          |
| 150,0°                              | 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          |
| 160,0°                              | 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          |
| 170,0°                              | 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          |
| 180,0°                              | 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          |

Lichttechnischer Prüfbefund

|                                     |                                               |              |              |                                                 |              |              |              |              |              |              |       |                        |                   |
|-------------------------------------|-----------------------------------------------|--------------|--------------|-------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|------------------------|-------------------|
| Familie<br>Streetlight 11 micro LED |                                               |              |              | Bestell-Nr.: 5XC1A31F08CE<br>EAN: 4058352554418 |              |              |              |              |              |              |       | LP-Nummer<br>58065_283 |                   |
| 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                                   | Maximale Lichtstärke<br>Lichtstärke in cd/klm |              |              |                                                 |              |              |              |              |              |              |       | Lichtstrom in lm/klm   |                   |
| 0,0°                                | 257.7                                         | 257.7        | 257.7        | 257.7                                           | 257.7        | 257.7        | 257.7        | 257.7        | 257.7        | 257.7        | 257.7 | 0.4                    | 0.4               |
| 2,5°                                | 268.8                                         | 270.9        | 274.5        | 277.0                                           | 277.5        | 276.0        | 273.9        | 274.7        | 275.5        | 274.3        | 273.7 | 3.1                    | 3.5               |
| 5,0°                                | 245.5                                         | 250.1        | 256.1        | 261.6                                           | 261.4        | 267.5        | 270.9        | 279.4        | 284.7        | 286.3        | 284.7 | 6.1                    | 9.7               |
| 7,5°                                | 229.8                                         | 233.2        | 242.3        | 242.1                                           | 245.1        | 253.5        | 255.9        | 257.4        | 260.5        | 266.2        | 269.6 | 8.9                    | 18.5              |
| 10,0°                               | 208.0                                         | 203.6        | 214.6        | 211.6                                           | 221.4        | 226.4        | 236.4        | 243.4        | 247.2        | 244.4        | 244.2 | 11.5                   | 30.0              |
| 12,5°                               | 218.2                                         | 195.3        | 193.7        | 187.1                                           | 184.6        | 196.0        | 205.9        | 219.7        | 225.4        | 218.2        | 213.5 | 14.1                   | 44.1              |
| 15,0°                               | 166.3                                         | 170.8        | 173.1        | 167.4                                           | 162.8        | 165.5        | 171.9        | 177.6        | 181.0        | 175.5        | 166.4 | 16.1                   | 60.1              |
| 17,5°                               | 130.1                                         | 136.5        | 137.8        | 132.1                                           | 125.5        | 138.0        | 139.5        | 135.7        | 127.4        | 120.4        | 120.2 | 17.5                   | 77.7              |
| 20,0°                               | 114.5                                         | 118.5        | 123.8        | 109.8                                           | 99.2         | 92.5         | 86.4         | 86.1         | 92.5         | 95.5         | 92.9  | 18.6                   | 96.3              |
| 22,5°                               | 98.6                                          | 102.2        | 108.4        | 91.0                                            | 83.2         | 76.0         | 72.0         | 70.3         | 67.1         | 66.0         | 76.2  | 19.6                   | 115.9             |
| 25,0°                               | 87.4                                          | 91.2         | 91.0         | 81.9                                            | 76.8         | 71.9         | 69.4         | 60.9         | 53.1         | 51.6         | 51.9  | 21.4                   | 137.2             |
| 27,5°                               | 79.8                                          | 70.7         | 64.8         | 63.9                                            | 60.3         | 61.2         | 59.7         | 49.3         | 45.7         | 42.8         | 41.3  | 23.6                   | 160.9             |
| 30,0°                               | 77.3                                          | 69.6         | 63.7         | 58.4                                            | 53.7         | 49.7         | 44.9         | 43.8         | 40.4         | 37.9         | 36.4  | 26.5                   | 187.4             |
| 32,5°                               | 73.4                                          | 67.5         | 62.2         | 54.8                                            | 46.3         | 41.1         | 38.3         | 36.0         | 34.9         | 33.0         | 31.5  | 30.2                   | 217.6             |
| 35,0°                               | 75.1                                          | 67.7         | 62.2         | 50.4                                            | 43.0         | 37.5         | 33.4         | 31.8         | 30.1         | 29.4         | 28.8  | 34.3                   | 251.9             |
| 37,5°                               | 76.4                                          | 67.1         | 59.0         | 49.3                                            | 42.7         | 37.2         | 31.5         | 29.4         | 28.2         | 28.4         | 28.1  | 38.0                   | 289.8             |
| 40,0°                               | 77.2                                          | 68.6         | 56.7         | 49.5                                            | 40.2         | 32.4         | 30.3         | 29.0         | 28.6         | 28.1         | 28.1  | 41.7                   | 331.6             |
| 42,5°                               | 79.4                                          | 66.0         | 57.6         | 47.2                                            | 39.6         | 33.2         | 29.0         | 29.0         | 28.4         | 28.4         | 29.2  | 44.5                   | 376.1             |
| 45,0°                               | 83.4                                          | 69.8         | 52.1         | 43.4                                            | 37.9         | 33.7         | 29.4         | 28.2         | 28.4         | 28.4         | 28.8  | 48.1                   | 424.2             |
| 47,5°                               | 81.1                                          | 61.8         | 48.2         | 40.0                                            | 35.6         | 32.8         | 29.4         | 28.2         | 28.4         | 28.2         | 28.8  | 50.5                   | 474.7             |
| 50,0°                               | 63.9                                          | 54.0         | 44.9         | 36.0                                            | 33.4         | 30.7         | 30.1         | 28.4         | 28.1         | 28.4         | 29.2  | 52.2                   | 526.8             |
| 52,5°                               | 56.1                                          | 48.5         | 38.3         | 32.0                                            | 29.8         | 30.3         | 29.4         | 28.6         | 28.1         | 29.4         | 28.8  | 52.9                   | 579.7             |
| 55,0°                               | 48.3                                          | 41.3         | 32.8         | 29.0                                            | 27.1         | 27.1         | 27.9         | 27.3         | 27.9         | 28.2         | 28.4  | 54.3                   | 634.0             |
| 57,5°                               | 40.2                                          | 33.0         | 27.3         | 24.5                                            | 25.0         | 25.8         | 26.4         | 26.7         | 27.9         | 27.7         | 28.4  | 53.7                   | 687.7             |
| 60,0°                               | 35.6                                          | 25.6         | 20.3         | 19.7                                            | 20.7         | 22.6         | 24.3         | 25.8         | 26.0         | 26.7         | 28.1  | 50.9                   | 738.6             |
| 62,5°                               | 29.4                                          | 21.2         | 15.5         | 14.8                                            | 17.3         | 19.3         | 22.0         | 22.7         | 23.5         | 24.5         | 25.8  | 48.0                   | 786.6             |
| 65,0°                               | 22.9                                          | 17.3         | 13.6         | 12.7                                            | 14.2         | 16.9         | 19.7         | 19.9         | 21.2         | 22.6         | 22.0  | 44.5                   | 831.0             |
| 67,5°                               | 20.5                                          | 15.5         | 12.5         | 11.2                                            | 11.9         | 13.6         | 15.2         | 15.5         | 16.3         | 15.9         | 15.5  | 41.4                   | 872.4             |
| 70,0°                               | 19.0                                          | 14.2         | 11.6         | 10.4                                            | 9.9          | 10.4         | 10.4         | 11.0         | 11.2         | 10.2         | 9.9   | 37.7                   | 910.1             |
| 72,5°                               | 16.9                                          | 12.7         | 9.9          | 8.7                                             | 8.0          | 8.0          | 7.6          | 7.2          | 7.0          | 4.2          | 3.8   | 33.7                   | 943.8             |
| 75,0°                               | 14.4                                          | 11.6         | 8.7          | 7.0                                             | 6.4          | 5.7          | 5.3          | 4.6          | 3.4          | 0.9          | 0.8   | 26.9                   | 970.8             |
| 77,5°                               | 11.6                                          | 8.5          | 6.8          | 5.7                                             | 4.7          | 4.4          | 3.4          | 4.0          | 1.9          | 0.8          | 0.4   | 16.9                   | 987.6             |
| 80,0°                               | 13.1                                          | 7.2          | 4.9          | 4.2                                             | 3.4          | 2.8          | 2.7          | 2.8          | 1.3          | 0.4          | 0.4   | 7.8                    | 995.4             |
| 82,5°                               | 6.6                                           | 4.9          | 3.8          | 3.0                                             | 2.7          | 1.9          | 1.5          | 1.5          | 0.8          | 0.4          | 0.4   | 2.8                    | 998.2             |
| 85,0°                               | 3.2                                           | 2.7          | 1.9          | 1.7                                             | 1.5          | 1.1          | 0.9          | 0.8          | 0.4          | 0.4          | 0.4   | 1.2                    | 999.4             |
| 87,5°                               | 1.7                                           | 1.5          | 1.3          | 0.9                                             | 0.9          | 0.8          | 0.8          | 0.4          | 0.4          | 0.4          | 0.4   | 0.7                    | 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            |
| 100,0°                              | 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            |
| 110,0°                              | 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            |
| 120,0°                              | 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            |
| 130,0°                              | 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            |
| 140,0°                              | 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            |
| 150,0°                              | 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            |
| 160,0°                              | 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            |
| 170,0°                              | 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            |
| 180,0°                              | 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 11 micro LED</b>      | <b>Bestell-Nr.: 5XC1A31F08CE</b><br><b>EAN: 4058352554418</b> | <b>LP-Nummer</b><br><b>58065_283</b> |
| <b>Dimmstufen-Tabelle</b><br>Umgebungstemperatur: 25°C |                                                               | <b>sit</b> eco                       |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 1620            | 12.6                                 | 12.9                               | 12.8                            |
| 95             | 241              | 252                     | 1537            | 12.0                                 | 12.3                               | 12.2                            |
| 90             | 229              | 250                     | 1461            | 11.4                                 | 11.7                               | 11.6                            |
| 85             | 216              | 248                     | 1378            | 10.8                                 | 11.0                               | 10.9                            |
| 80             | 203              | 246                     | 1295            | 10.1                                 | 10.4                               | 10.2                            |
| 75             | 190              | 243                     | 1212            | 9.6                                  | 9.8                                | 9.7                             |
| 70             | 178              | 241                     | 1135            | 9.0                                  | 9.2                                | 9.1                             |
| 65             | 165              | 238                     | 1052            | 8.4                                  | 8.6                                | 8.5                             |
| 60             | 152              | 235                     | 969             | 7.8                                  | 8.0                                | 7.9                             |
| 55             | 140              | 232                     | 893             | 7.3                                  | 7.5                                | 7.4                             |
| 50             | 127              | 229                     | 810             | 6.8                                  | 6.9                                | 6.8                             |
| 45             | 114              | 225                     | 727             | 6.2                                  | 6.3                                | 6.2                             |
| 40             | 102              | 221                     | 651             | 5.7                                  | 5.8                                | 5.8                             |
| 35             | 89               | 216                     | 568             | 5.1                                  | 5.2                                | 5.2                             |
| 30             | 76               | 210                     | 485             | 4.6                                  | 4.7                                | 4.6                             |
| 25             | 63               | 203                     | 402             | 4.1                                  | 4.1                                | 4.1                             |
| 24             | 62               | 202                     | 395             | 4.0                                  | 4.1                                | 4.0                             |