

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 5XE1U31D08CB**  
**EAN: 4069025148667**

**LP-Nummer**  
**59536\_150**



|                        |  |
|------------------------|--|
| <b>Ausführung</b>      | Mastansatz- / Mastaufsatzmontage   |
| <b>Optik</b>           | direkt, asymmetrisch breit strahlend<br>P080001                                    |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)   |
| <b>Bestückung</b>      | LED 3000 K   CRI ≥ 70  |
| <b>Betriebsgerät</b>   | EVG SITECO iQ  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 2830 lm<br>Systemleistung = 19.4 W<br>Lichtausbeute = 145.9 lm/W |

**Seriendokumentation**  
**18.01.2024**

**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 879 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G3    |
| Imax 70°  | 878.7 |
| Imax 80°  | 57.3  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

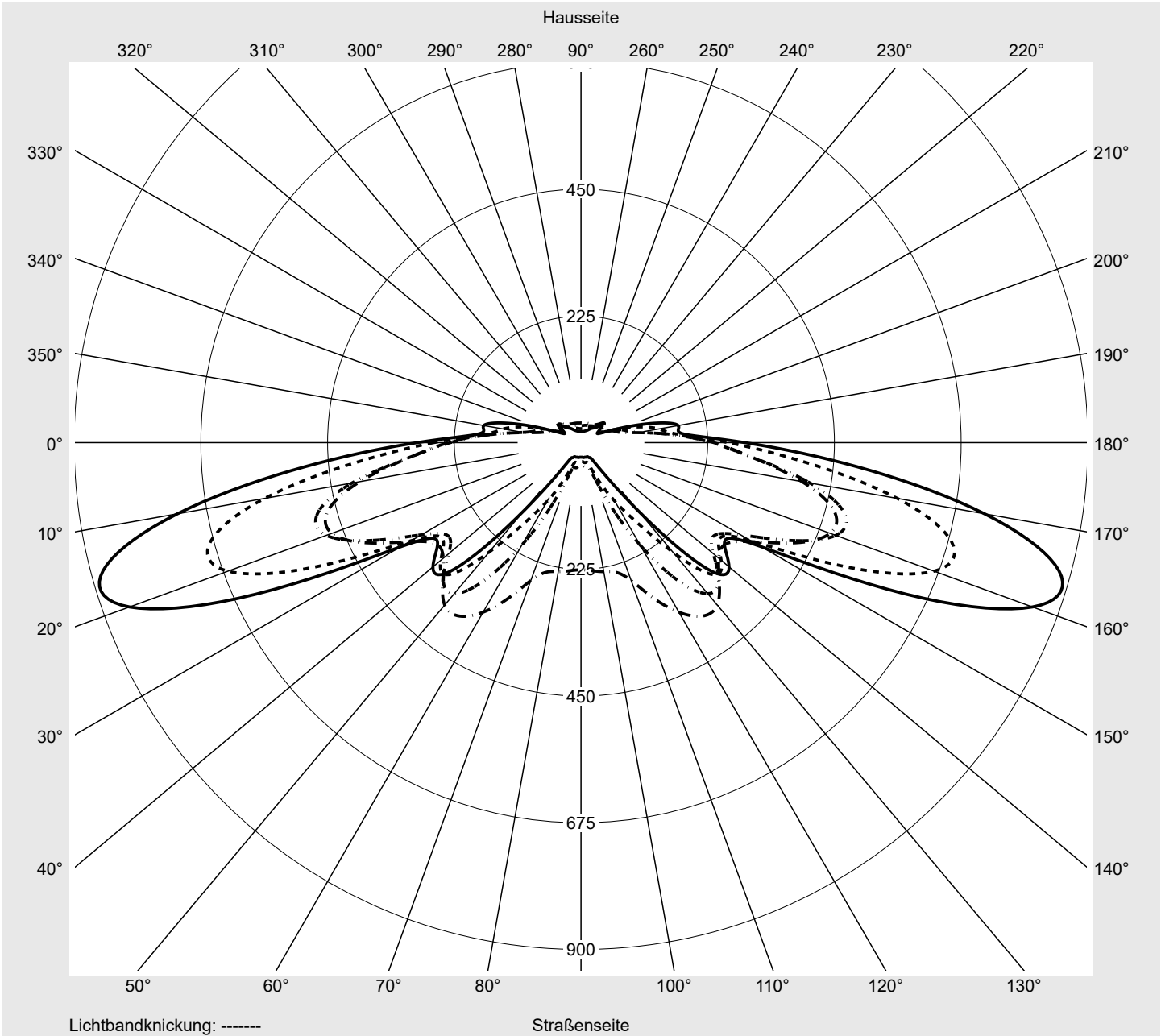
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|  |   |                               |
|--|---|-------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.:</b> 5XE1U31D08CB<br><b>EAN:</b> 4069025148667 | <b>LP-Nummer</b><br>59536_150 |
|--|---|-------------------------------|

**Kegelmantelkurven in cd/klm**    **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **siteco**



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|  |   |                                      |
|--|---|--------------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1U31D08CB</b><br><b>EAN: 4069025148667</b> | <b>LP-Nummer</b><br><b>59536_150</b> |
| <b>Wertetabelle Lichtstärkemessung</b>     |   | <b>Maximale Lichtstärke</b>          |
|  |   | <b>siteco</b>                        |

| 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°         | 267.5                 | 267.5      | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       | 267.5       |
| 2,5°         | 267.2                 | 267.2      | 267.4       | 267.7       | 268.0       | 268.2       | 268.3       | 268.4       | 268.7       | 268.6       | 268.6       | 268.7       | 268.7       |
| 5,0°         | 266.9                 | 266.9      | 267.2       | 267.8       | 268.6       | 268.9       | 269.1       | 269.3       | 269.8       | 269.6       | 269.6       | 269.8       | 269.9       |
| 7,5°         | 266.5                 | 266.7      | 267.4       | 268.3       | 269.0       | 269.1       | 269.0       | 269.1       | 269.2       | 269.0       | 268.6       | 268.3       | 268.2       |
| 10,0°        | 266.2                 | 266.6      | 267.5       | 268.8       | 269.4       | 269.4       | 269.0       | 268.9       | 268.7       | 268.3       | 267.5       | 266.8       | 266.5       |
| 12,5°        | 265.7                 | 266.8      | 267.7       | 268.9       | 269.3       | 269.2       | 268.7       | 268.4       | 268.0       | 267.7       | 267.2       | 266.8       | 266.7       |
| 15,0°        | 265.2                 | 267.0      | 267.9       | 269.1       | 269.2       | 269.1       | 268.3       | 267.9       | 267.3       | 267.0       | 266.9       | 266.8       | 267.0       |
| 17,5°        | 265.2                 | 267.9      | 268.8       | 269.7       | 270.1       | 270.0       | 269.8       | 269.8       | 269.9       | 270.4       | 270.8       | 271.1       | 271.6       |
| 20,0°        | 265.1                 | 268.9      | 269.6       | 270.3       | 271.0       | 270.8       | 271.2       | 271.7       | 272.4       | 273.8       | 274.7       | 275.4       | 276.3       |
| 22,5°        | 264.0                 | 268.4      | 269.8       | 270.7       | 272.2       | 273.3       | 274.8       | 276.9       | 278.7       | 280.6       | 282.2       | 283.8       | 285.0       |
| 25,0°        | 262.8                 | 268.0      | 269.9       | 271.2       | 273.4       | 275.7       | 278.4       | 282.1       | 285.0       | 287.4       | 289.7       | 292.2       | 293.7       |
| 27,5°        | 262.3                 | 269.0      | 271.7       | 274.3       | 277.9       | 281.8       | 286.1       | 291.1       | 295.3       | 299.0       | 301.4       | 302.9       | 302.7       |
| 30,0°        | 261.9                 | 269.9      | 273.5       | 277.4       | 282.5       | 287.8       | 293.9       | 300.0       | 305.5       | 310.6       | 313.1       | 313.5       | 311.7       |
| 32,5°        | 261.8                 | 271.7      | 277.3       | 283.5       | 291.4       | 299.5       | 307.7       | 315.0       | 321.0       | 325.6       | 326.4       | 323.2       | 318.0       |
| 35,0°        | 261.7                 | 273.6      | 281.1       | 289.6       | 300.3       | 311.1       | 321.4       | 329.9       | 336.4       | 340.6       | 339.8       | 332.9       | 324.3       |
| 37,5°        | 252.3                 | 268.4      | 281.4       | 296.0       | 311.7       | 326.6       | 338.9       | 348.1       | 353.7       | 354.6       | 350.3       | 339.3       | 327.6       |
| 40,0°        | 243.0                 | 263.2      | 281.8       | 302.4       | 323.1       | 342.1       | 356.4       | 366.4       | 370.9       | 368.7       | 360.7       | 345.6       | 330.9       |
| 42,5°        | 229.8                 | 256.4      | 281.5       | 309.4       | 338.2       | 363.9       | 378.3       | 385.7       | 385.6       | 377.9       | 365.2       | 348.0       | 332.0       |
| 45,0°        | 216.5                 | 249.6      | 281.2       | 316.3       | 353.3       | 385.7       | 400.3       | 405.0       | 400.3       | 387.0       | 369.7       | 350.4       | 333.1       |
| 47,5°        | 219.3                 | 258.6      | 295.9       | 335.0       | 373.2       | 403.4       | 416.6       | 415.9       | 404.4       | 385.7       | 366.0       | 350.2       | 338.2       |
| 50,0°        | 222.0                 | 267.6      | 310.6       | 353.7       | 393.0       | 421.0       | 433.0       | 426.9       | 408.5       | 384.3       | 362.2       | 350.0       | 343.3       |
| 52,5°        | 230.3                 | 281.2      | 331.6       | 380.9       | 415.7       | 432.1       | 429.8       | 415.1       | 391.8       | 372.1       | 363.5       | 370.8       | 388.4       |
| 55,0°        | 238.5                 | 294.7      | 352.7       | 408.1       | 438.3       | 443.1       | 426.6       | 403.4       | 375.0       | 359.8       | 364.8       | 391.6       | 433.4       |
| 57,5°        | 239.2                 | 300.2      | 368.4       | 426.7       | 449.2       | 436.9       | 401.3       | 371.3       | 353.4       | 354.2       | 384.0       | 423.0       | 459.6       |
| 60,0°        | 239.9                 | 305.7      | 384.0       | 445.2       | 460.1       | 430.6       | 376.1       | 339.2       | 331.9       | 348.6       | 403.2       | 454.3       | 485.7       |
| 62,5°        | 236.0                 | 306.5      | 398.6       | 464.7       | 470.8       | 420.8       | 351.7       | 313.7       | 319.3       | 347.2       | 376.6       | 376.0       | 347.7       |
| 65,0°        | 232.2                 | 307.3      | 413.1       | 484.1       | 481.4       | 410.9       | 327.3       | 288.2       | 306.7       | 345.7       | 350.0       | 297.8       | 209.7       |
| 67,5°        | 261.7                 | 400.0      | 570.4       | 681.4       | 667.3       | 523.6       | 348.4       | 299.5       | 324.9       | 331.4       | 253.7       | 172.7       | 120.4       |
| 70,0°        | 291.2                 | 492.6      | 727.8       | 878.7       | 853.1       | 636.3       | 369.5       | 310.8       | 343.1       | 317.0       | 157.5       | 47.7        | 31.0        |
| 72,5°        | 353.0                 | 430.5      | 526.3       | 594.6       | 600.5       | 549.8       | 505.8       | 527.8       | 350.6       | 186.2       | 90.1        | 34.6        | 25.1        |
| 75,0°        | 414.8                 | 368.5      | 324.8       | 310.5       | 347.9       | 463.4       | 642.1       | 744.8       | 358.1       | 55.4        | 22.7        | 21.6        | 19.3        |
| 77,5°        | 236.0                 | 205.6      | 178.8       | 168.2       | 183.7       | 239.0       | 334.0       | 387.5       | 184.9       | 33.3        | 17.6        | 16.7        | 14.7        |
| 80,0°        | 57.3                  | 42.7       | 32.7        | 25.9        | 19.4        | 14.6        | 25.9        | 30.2        | 11.7        | 11.3        | 12.5        | 11.9        | 10.0        |
| 82,5°        | 30.0                  | 22.6       | 17.5        | 14.0        | 10.7        | 8.3         | 13.9        | 16.1        | 6.8         | 6.6         | 7.4         | 7.1         | 6.4         |
| 85,0°        | 2.7                   | 2.5        | 2.3         | 2.2         | 2.1         | 2.0         | 2.0         | 2.0         | 2.0         | 2.0         | 2.3         | 2.4         | 2.7         |
| 87,5°        | 1.4                   | 1.3        | 1.1         | 1.1         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.1         | 1.2         | 1.4         |
| 90,0°        | 0.0                   | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

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| <b>Wertetabelle Lichtstärkemessung</b>            |   | <b>Maximale Lichtstärke</b>          |
|   |   | <b>siteco</b>                        |

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

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| <b>Wertetabelle Lichtstärkemessung</b>            |   | <b>Maximale Lichtstärke</b>          |
|   |   | <b>siteco</b>                        |

| 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°         | 267.5                 | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5        | 267.5 | 0.4                  | 0.4               |
| 2,5°         | 259.6                 | 258.4        | 257.3        | 256.2        | 255.1        | 254.3        | 253.6        | 253.0        | 252.6        | 252.4        | 252.3 | 3.2                  | 3.6               |
| 5,0°         | 251.7                 | 249.4        | 247.1        | 244.9        | 242.7        | 241.1        | 239.8        | 238.5        | 237.7        | 237.3        | 237.2 | 6.2                  | 9.8               |
| 7,5°         | 234.8                 | 230.1        | 225.2        | 220.5        | 216.3        | 213.0        | 210.1        | 207.9        | 206.2        | 205.4        | 204.8 | 9.0                  | 18.7              |
| 10,0°        | 217.9                 | 210.8        | 203.4        | 196.1        | 189.9        | 184.8        | 180.4        | 177.3        | 174.8        | 173.4        | 172.5 | 11.5                 | 30.2              |
| 12,5°        | 195.6                 | 185.0        | 175.2        | 166.1        | 158.0        | 151.4        | 146.3        | 142.8        | 140.4        | 139.1        | 138.4 | 13.6                 | 43.8              |
| 15,0°        | 173.3                 | 159.2        | 147.1        | 136.1        | 126.1        | 118.1        | 112.2        | 108.3        | 106.0        | 104.7        | 104.3 | 15.5                 | 59.4              |
| 17,5°        | 149.3                 | 133.3        | 121.0        | 111.9        | 105.2        | 100.8        | 98.1         | 96.7         | 95.8         | 95.3         | 95.2  | 17.6                 | 76.9              |
| 20,0°        | 125.4                 | 107.5        | 94.9         | 87.6         | 84.4         | 83.5         | 84.0         | 85.2         | 85.7         | 85.9         | 86.1  | 19.5                 | 96.4              |
| 22,5°        | 105.4                 | 93.2         | 87.8         | 86.3         | 86.0         | 85.8         | 85.4         | 85.1         | 84.3         | 83.6         | 83.3  | 21.7                 | 118.1             |
| 25,0°        | 85.5                  | 78.9         | 80.6         | 84.9         | 87.6         | 88.0         | 86.8         | 84.9         | 82.9         | 81.2         | 80.5  | 23.8                 | 141.9             |
| 27,5°        | 81.2                  | 81.9         | 85.3         | 88.0         | 88.0         | 85.8         | 82.5         | 79.3         | 76.2         | 74.0         | 73.1  | 26.1                 | 168.0             |
| 30,0°        | 77.0                  | 84.8         | 90.0         | 91.2         | 88.3         | 83.6         | 78.3         | 73.6         | 69.6         | 66.7         | 65.7  | 28.2                 | 196.2             |
| 32,5°        | 79.1                  | 85.7         | 88.8         | 87.8         | 84.1         | 79.6         | 75.2         | 71.9         | 69.4         | 67.7         | 67.1  | 30.6                 | 226.8             |
| 35,0°        | 81.2                  | 86.7         | 87.6         | 84.5         | 79.9         | 75.6         | 72.2         | 70.2         | 69.3         | 68.6         | 68.4  | 32.9                 | 259.7             |
| 37,5°        | 76.3                  | 79.2         | 78.9         | 77.1         | 76.1         | 74.0         | 71.1         | 69.2         | 67.9         | 67.1         | 66.7  | 34.9                 | 294.6             |
| 40,0°        | 71.3                  | 71.6         | 70.3         | 69.7         | 72.4         | 72.5         | 70.0         | 68.2         | 66.6         | 65.5         | 65.1  | 36.8                 | 331.3             |
| 42,5°        | 67.4                  | 67.5         | 68.8         | 69.1         | 68.9         | 68.5         | 66.8         | 65.5         | 64.3         | 63.3         | 62.9  | 38.5                 | 369.8             |
| 45,0°        | 63.5                  | 63.4         | 67.3         | 68.6         | 65.4         | 64.6         | 63.6         | 62.8         | 62.0         | 61.1         | 60.7  | 40.2                 | 410.1             |
| 47,5°        | 62.2                  | 64.8         | 65.8         | 64.2         | 61.6         | 61.0         | 60.1         | 59.3         | 58.4         | 57.5         | 57.2  | 42.8                 | 452.8             |
| 50,0°        | 60.9                  | 66.1         | 64.2         | 59.8         | 57.9         | 57.4         | 56.6         | 55.8         | 54.8         | 53.9         | 53.6  | 45.3                 | 498.1             |
| 52,5°        | 59.8                  | 63.6         | 59.5         | 55.6         | 53.9         | 53.3         | 52.6         | 51.7         | 50.6         | 49.9         | 49.7  | 50.1                 | 548.1             |
| 55,0°        | 58.6                  | 61.0         | 54.8         | 51.4         | 50.0         | 49.2         | 48.5         | 47.6         | 46.5         | 45.9         | 45.9  | 55.0                 | 603.1             |
| 57,5°        | 57.5                  | 56.2         | 50.1         | 47.2         | 46.0         | 45.1         | 44.4         | 43.8         | 43.2         | 42.8         | 42.8  | 55.3                 | 658.4             |
| 60,0°        | 56.4                  | 51.4         | 45.4         | 43.1         | 42.0         | 41.0         | 40.4         | 40.0         | 39.8         | 39.7         | 39.6  | 55.4                 | 713.8             |
| 62,5°        | 54.0                  | 47.8         | 42.0         | 39.7         | 38.3         | 37.1         | 36.5         | 36.0         | 35.5         | 35.1         | 35.0  | 47.7                 | 761.5             |
| 65,0°        | 51.6                  | 44.2         | 38.6         | 36.3         | 34.6         | 33.2         | 32.5         | 31.9         | 31.2         | 30.5         | 30.5  | 39.5                 | 800.9             |
| 67,5°        | 48.3                  | 41.4         | 36.3         | 33.4         | 30.6         | 28.5         | 27.4         | 26.5         | 25.7         | 25.0         | 24.9  | 43.3                 | 844.2             |
| 70,0°        | 45.1                  | 38.6         | 34.0         | 30.6         | 26.6         | 23.9         | 22.2         | 21.1         | 20.1         | 19.6         | 19.4  | 47.1                 | 891.3             |
| 72,5°        | 38.7                  | 34.3         | 30.3         | 25.9         | 21.5         | 18.5         | 16.7         | 15.5         | 14.5         | 14.0         | 13.8  | 42.6                 | 933.9             |
| 75,0°        | 32.4                  | 30.0         | 26.6         | 21.3         | 16.4         | 13.1         | 11.3         | 10.0         | 9.0          | 8.3          | 8.1   | 37.9                 | 971.7             |
| 77,5°        | 22.7                  | 22.3         | 20.0         | 15.8         | 11.7         | 9.2          | 7.7          | 6.6          | 5.6          | 4.9          | 4.7   | 21.1                 | 992.8             |
| 80,0°        | 13.0                  | 14.5         | 13.5         | 10.3         | 7.0          | 5.2          | 4.2          | 3.1          | 2.2          | 1.5          | 1.3   | 4.0                  | 996.9             |
| 82,5°        | 7.7                   | 8.3          | 7.6          | 6.0          | 4.2          | 3.2          | 2.6          | 2.0          | 1.5          | 1.0          | 0.9   | 2.3                  | 999.2             |
| 85,0°        | 2.3                   | 2.1          | 1.8          | 1.7          | 1.5          | 1.3          | 1.0          | 0.8          | 0.7          | 0.6          | 0.6   | 0.6                  | 999.7             |
| 87,5°        | 1.1                   | 1.0          | 0.9          | 0.8          | 0.7          | 0.6          | 0.5          | 0.4          | 0.4          | 0.3          | 0.3   | 0.3                  | 1000.0            |
| 90,0°        | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                  | 1000.0            |

## Lichttechnischer Prüfbefund

|  |   |                               |
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| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1U31D08CB</b><br><b>EAN: 4069025148667</b> | <b>LP-Nummer</b><br>59536_150 |
| <b>Dimmstufen-Tabelle</b>                  |   | <b>siteco</b>                 |
| Umgebungstemperatur: 25°C                  |   |                               |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 2830            | 19.4                                 | 19.9                               | 19.6                            |
| 95             | 241              | 252                     | 2685            | 18.2                                 | 18.8                               | 18.5                            |
| 90             | 229              | 250                     | 2551            | 17.2                                 | 17.7                               | 17.4                            |
| 85             | 216              | 248                     | 2407            | 16.2                                 | 16.6                               | 16.4                            |
| 80             | 203              | 246                     | 2262            | 15.1                                 | 15.6                               | 15.4                            |
| 75             | 190              | 243                     | 2117            | 14.2                                 | 14.6                               | 14.4                            |
| 70             | 178              | 241                     | 1983            | 13.2                                 | 13.6                               | 13.4                            |
| 65             | 165              | 238                     | 1838            | 12.3                                 | 12.6                               | 12.4                            |
| 60             | 152              | 235                     | 1694            | 11.3                                 | 11.6                               | 11.4                            |
| 55             | 140              | 232                     | 1560            | 10.4                                 | 10.7                               | 10.6                            |
| 50             | 127              | 229                     | 1415            | 9.5                                  | 9.8                                | 9.6                             |
| 45             | 114              | 225                     | 1270            | 8.6                                  | 8.8                                | 8.7                             |
| 40             | 102              | 221                     | 1136            | 7.8                                  | 8.0                                | 7.9                             |
| 35             | 89               | 216                     | 992             | 6.9                                  | 7.1                                | 7.0                             |
| 30             | 76               | 210                     | 847             | 6.1                                  | 6.3                                | 6.2                             |
| 25             | 63               | 203                     | 702             | 5.3                                  | 5.4                                | 5.4                             |
| 20             | 51               | 195                     | 568             | 4.5                                  | 4.6                                | 4.6                             |
| 17             | 42               | 188                     | 468             | 4.0                                  | 4.1                                | 4.0                             |

|                           |                          |
|---------------------------|--------------------------|
| <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                     | 2830            | 19.2                                 | 19.8                               | 19.5                            |
| 95             | 241              | 252                     | 2685            | 18.1                                 | 18.7                               | 18.4                            |
| 90             | 229              | 250                     | 2552            | 17.2                                 | 17.7                               | 17.4                            |
| 85             | 216              | 248                     | 2407            | 16.1                                 | 16.6                               | 16.4                            |
| 80             | 203              | 246                     | 2262            | 15.1                                 | 15.6                               | 15.4                            |
| 75             | 190              | 243                     | 2117            | 14.1                                 | 14.5                               | 14.3                            |
| 70             | 178              | 241                     | 1983            | 13.2                                 | 13.7                               | 13.4                            |
| 65             | 165              | 238                     | 1838            | 12.2                                 | 12.6                               | 12.4                            |
| 60             | 152              | 235                     | 1694            | 11.3                                 | 11.6                               | 11.4                            |
| 55             | 140              | 232                     | 1560            | 10.4                                 | 10.7                               | 10.6                            |
| 50             | 127              | 229                     | 1415            | 9.5                                  | 9.8                                | 9.6                             |
| 45             | 114              | 225                     | 1270            | 8.6                                  | 8.9                                | 8.8                             |
| 40             | 102              | 221                     | 1136            | 7.8                                  | 8.1                                | 8.0                             |
| 35             | 89               | 216                     | 992             | 6.9                                  | 7.1                                | 7.0                             |
| 30             | 76               | 210                     | 847             | 6.1                                  | 6.3                                | 6.2                             |
| 25             | 63               | 203                     | 702             | 5.4                                  | 5.5                                | 5.4                             |
| 20             | 51               | 195                     | 568             | 4.6                                  | 4.7                                | 4.6                             |
| 17             | 42               | 188                     | 468             | 4.0                                  | 4.1                                | 4.0                             |

## Lichttechnischer Prüfbefund

|  |   |                               |
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| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1U31D08CB</b><br><b>EAN: 4069025148667</b> | <b>LP-Nummer</b><br>59536_150 |
|--|---|-------------------------------|

|                           |                           |               |
|---------------------------|---------------------------|---------------|
| <b>Dimmstufen-Tabelle</b> | Umgebungstemperatur: 15°C | <b>siteco</b> |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 2830            | 19.2                                 | 19.8                               | 19.5                            |
| 95             | 241              | 252                     | 2685            | 18.1                                 | 18.7                               | 18.4                            |
| 90             | 229              | 250                     | 2552            | 17.2                                 | 17.6                               | 17.4                            |
| 85             | 216              | 248                     | 2407            | 16.1                                 | 16.6                               | 16.4                            |
| 80             | 203              | 246                     | 2262            | 15.1                                 | 15.6                               | 15.4                            |
| 75             | 190              | 243                     | 2117            | 14.1                                 | 14.5                               | 14.3                            |
| 70             | 178              | 241                     | 1983            | 13.2                                 | 13.6                               | 13.4                            |
| 65             | 165              | 238                     | 1838            | 12.2                                 | 12.6                               | 12.4                            |
| 60             | 152              | 235                     | 1694            | 11.3                                 | 11.6                               | 11.4                            |
| 55             | 140              | 232                     | 1560            | 10.4                                 | 10.7                               | 10.6                            |
| 50             | 127              | 229                     | 1415            | 9.4                                  | 9.7                                | 9.6                             |
| 45             | 114              | 225                     | 1270            | 8.6                                  | 8.8                                | 8.7                             |
| 40             | 102              | 221                     | 1136            | 7.8                                  | 8.0                                | 7.9                             |
| 35             | 89               | 216                     | 992             | 6.9                                  | 7.1                                | 7.0                             |
| 30             | 76               | 210                     | 847             | 6.2                                  | 6.3                                | 6.2                             |
| 25             | 63               | 203                     | 702             | 5.3                                  | 5.4                                | 5.4                             |
| 20             | 51               | 195                     | 568             | 4.6                                  | 4.7                                | 4.6                             |
| 17             | 42               | 188                     | 468             | 4.0                                  | 4.2                                | 4.1                             |

**Lichttechnischer Prüfbefund**

|  |   |                               |
|--|---|-------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1U31D08CB</b><br><b>EAN: 4069025148667</b> | <b>LP-Nummer</b><br>59536_150 |
|--|---|-------------------------------|

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|---------------------------|---------------|
| <b>Lichtstrom-Tabelle</b> | <b>sITeco</b> |
|---------------------------|---------------|

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 2830.0           | 19.4                |
| 5.0              | 2830.0           | 19.2                |
| 15.0             | 2830.0           | 19.2                |