

## Lichttechnischer Prüfbefund

**Familie**  
**CITY-LIGHT PLUS LED**

**Bestell-Nr.: 5XA5275EF14H000022**  
**EAN: 4058352635230**

**LP-Nummer**  
**57130\_33**



**Ausführung** Mastaufsatz- oder Montage am Wandausleger  
**Optik** direkt, symmetrisch breit strahlend  
S120011  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 1470 lm  
Systemleistung = 10.5 W  
Lichtausbeute = 140 lm/W

**Seriendokumentation**  
**07.07.2022**

**siteco**

**Lichtstärke in cd/klm**

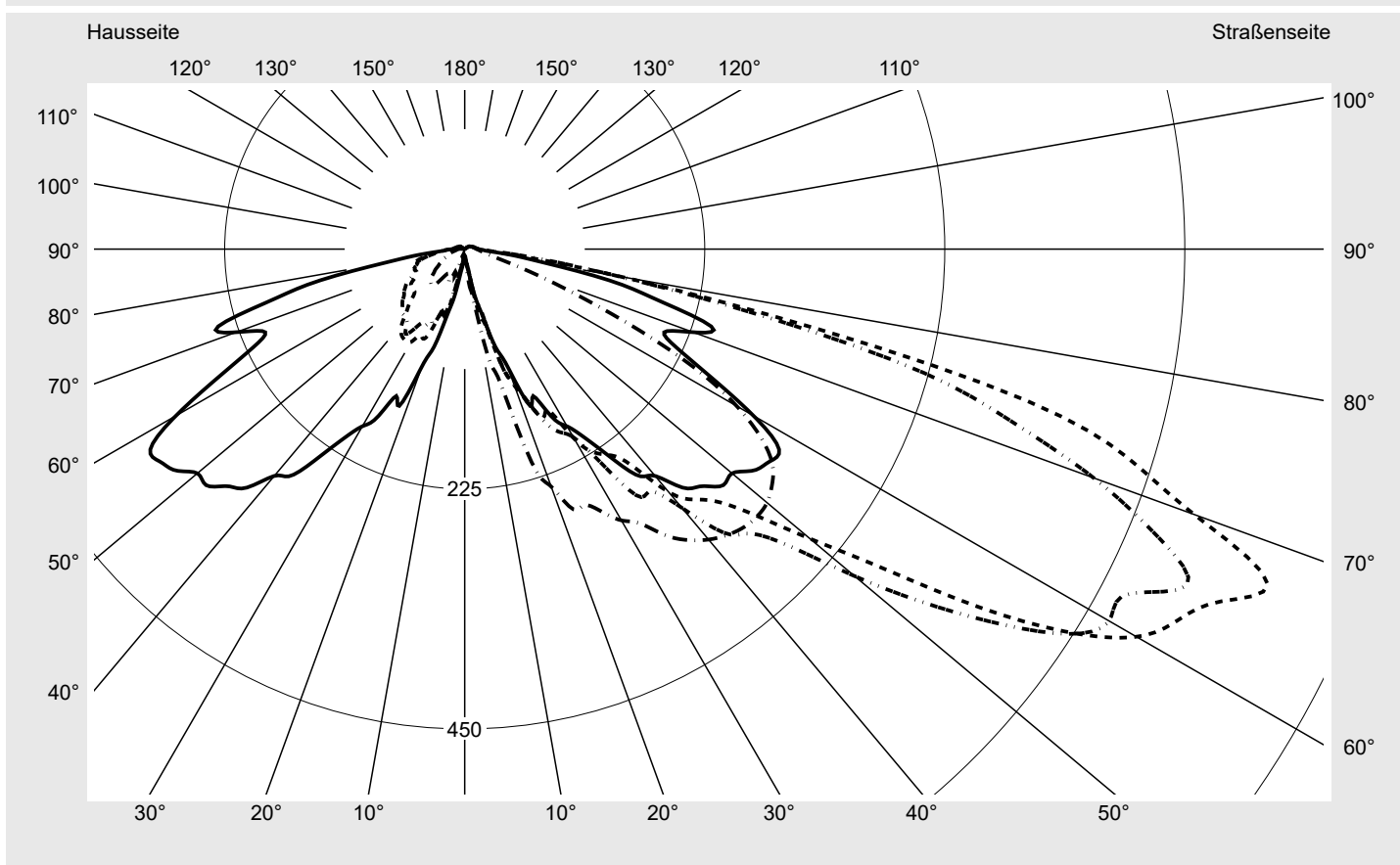
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 814 cd/klm**



**Leuchtenbetriebswirkungsgrade**

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 97.4%  |
| Eta 90° - 180° | 2.6%   |

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G1    |
| Imax 70°  | 727.6 |
| Imax 80°  | 157.2 |
| Imax 90°  | 13.4  |
| Imax >90° | 12.4  |
| Imax >95° | 10.3  |

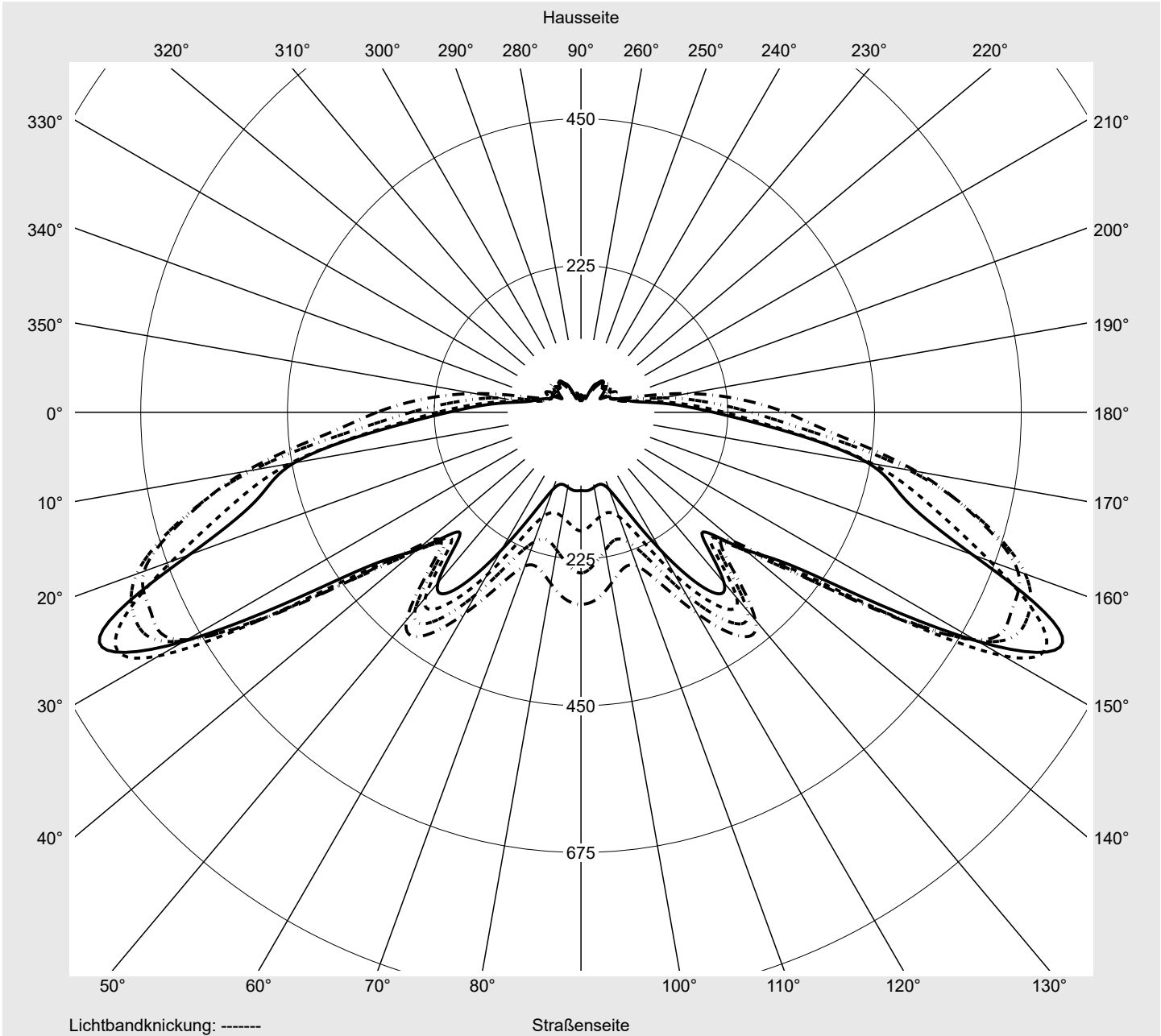
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|                                       |   |                              |
|---------------------------------------|---|------------------------------|
| <b>Familie</b><br>CITY-LIGHT PLUS LED | <b>Bestell-Nr.:</b> 5XA5275EF14H000022<br><b>EAN:</b> 4058352635230 | <b>LP-Nummer</b><br>57130_33 |
|---------------------------------------|---|------------------------------|

**Kegelmantelkurven in cd/klm**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **siteco**



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|  |   |                                     |
|--|---|-------------------------------------|
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| <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°         | 7.2                   | 7.2        | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         | 7.2         |
| 2,5°         | 6.9                   | 6.9        | 6.9         | 6.9         | 7.2         | 7.6         | 7.6         | 7.6         | 7.6         | 7.6         | 7.6         | 7.6         | 7.6         |
| 5,0°         | 7.9                   | 8.2        | 8.2         | 8.9         | 9.3         | 10.0        | 10.0        | 10.3        | 10.6        | 11.0        | 11.7        | 12.7        | 13.4        |
| 7,5°         | 16.5                  | 19.2       | 20.3        | 19.6        | 17.8        | 15.8        | 14.4        | 14.1        | 15.8        | 18.2        | 21.3        | 25.7        | 29.5        |
| 10,0°        | 24.7                  | 23.7       | 24.7        | 26.8        | 24.4        | 21.6        | 17.5        | 17.2        | 24.7        | 36.0        | 45.3        | 49.8        | 46.7        |
| 12,5°        | 47.4                  | 52.5       | 58.0        | 59.7        | 67.3        | 63.2        | 52.5        | 49.1        | 59.4        | 67.6        | 70.0        | 71.0        | 72.4        |
| 15,0°        | 65.2                  | 66.6       | 67.6        | 70.4        | 78.9        | 71.7        | 59.7        | 52.2        | 64.9        | 85.5        | 107.4       | 108.5       | 116.4       |
| 17,5°        | 96.8                  | 107.8      | 123.9       | 109.1       | 107.4       | 110.9       | 112.9       | 105.7       | 93.7        | 105.4       | 136.9       | 149.6       | 150.0       |
| 20,0°        | 116.7                 | 112.2      | 152.0       | 127.7       | 143.1       | 136.3       | 134.2       | 126.3       | 103.3       | 122.9       | 157.9       | 160.3       | 174.0       |
| 22,5°        | 158.6                 | 162.3      | 185.7       | 176.1       | 163.7       | 156.5       | 155.1       | 143.1       | 115.7       | 129.1       | 172.6       | 182.9       | 206.6       |
| 25,0°        | 152.0                 | 153.1      | 177.8       | 189.8       | 186.0       | 174.4       | 179.9       | 182.3       | 123.6       | 144.2       | 182.6       | 188.1       | 226.2       |
| 27,5°        | 178.1                 | 167.5      | 188.8       | 190.8       | 181.9       | 170.2       | 193.6       | 207.0       | 127.0       | 163.4       | 205.2       | 200.4       | 242.7       |
| 30,0°        | 191.9                 | 196.0      | 216.9       | 229.6       | 216.6       | 205.6       | 203.9       | 213.8       | 137.3       | 186.0       | 244.4       | 224.1       | 256.7       |
| 32,5°        | 210.1                 | 204.2      | 226.9       | 244.4       | 241.6       | 226.2       | 237.5       | 245.8       | 151.4       | 216.9       | 281.8       | 263.6       | 281.8       |
| 35,0°        | 238.2                 | 229.6      | 243.0       | 254.7       | 237.2       | 235.8       | 282.8       | 290.0       | 164.1       | 229.3       | 310.3       | 300.7       | 313.4       |
| 37,5°        | 268.1                 | 268.1      | 281.4       | 290.0       | 273.2       | 254.0       | 286.3       | 289.0       | 173.3       | 260.5       | 327.4       | 339.8       | 352.8       |
| 40,0°        | 277.7                 | 278.0      | 282.1       | 307.2       | 303.4       | 297.6       | 316.8       | 312.3       | 188.1       | 297.6       | 353.9       | 356.6       | 384.4       |
| 42,5°        | 303.8                 | 285.2      | 313.4       | 313.0       | 320.2       | 318.5       | 361.4       | 339.5       | 204.2       | 326.1       | 399.5       | 384.8       | 401.9       |
| 45,0°        | 314.4                 | 305.1      | 341.2       | 341.5       | 345.6       | 335.0       | 377.2       | 370.3       | 221.4       | 339.5       | 427.3       | 407.8       | 412.6       |
| 47,5°        | 328.1                 | 318.2      | 397.1       | 396.1       | 400.5       | 369.3       | 411.5       | 390.9       | 240.9       | 358.3       | 445.5       | 428.0       | 418.1       |
| 50,0°        | 327.1                 | 339.5      | 435.6       | 440.0       | 452.4       | 422.5       | 477.1       | 435.2       | 255.0       | 363.5       | 447.9       | 432.8       | 415.6       |
| 52,5°        | 341.2                 | 348.4      | 457.5       | 468.8       | 511.1       | 488.8       | 546.1       | 465.8       | 273.6       | 354.6       | 452.4       | 445.2       | 411.2       |
| 55,0°        | 348.0                 | 370.3      | 458.2       | 509.7       | 574.6       | 582.1       | 613.0       | 491.2       | 296.9       | 347.3       | 442.8       | 446.5       | 399.9       |
| 57,5°        | 349.4                 | 394.4      | 486.7       | 579.4       | 663.8       | 667.6       | 671.7       | 485.7       | 311.3       | 340.1       | 439.0       | 446.9       | 384.1       |
| 60,0°        | 312.7                 | 393.7      | 522.0       | 628.8       | 712.9       | 727.3       | 697.4       | 486.7       | 311.0       | 315.1       | 416.0       | 417.7       | 356.3       |
| 62,5°        | 260.5                 | 360.0      | 510.7       | 633.6       | 724.9       | 753.7       | 700.5       | 482.9       | 331.9       | 299.3       | 395.7       | 390.6       | 323.0       |
| 65,0°        | 219.7                 | 314.4      | 453.4       | 556.0       | 667.6       | 781.9       | 746.9       | 465.8       | 326.4       | 280.8       | 371.4       | 360.0       | 287.6       |
| 67,5°        | 202.8                 | 306.8      | 446.5       | 513.5       | 639.1       | 814.1       | 702.2       | 434.5       | 327.1       | 262.2       | 341.2       | 328.5       | 244.0       |
| 70,0°        | 227.9                 | 334.0      | 444.5       | 502.5       | 606.5       | 727.6       | 627.8       | 370.0       | 293.5       | 220.7       | 302.0       | 290.0       | 202.8       |
| 72,5°        | 243.0                 | 353.5      | 427.0       | 486.7       | 580.4       | 652.1       | 537.5       | 327.8       | 258.1       | 176.1       | 246.1       | 235.8       | 163.0       |
| 75,0°        | 191.2                 | 298.6      | 370.0       | 416.7       | 509.7       | 538.5       | 441.0       | 228.6       | 168.5       | 86.5        | 181.9       | 193.2       | 141.1       |
| 77,5°        | 145.5                 | 211.1      | 248.8       | 284.5       | 321.9       | 316.8       | 277.7       | 150.0       | 80.3        | 70.0        | 153.1       | 175.7       | 125.6       |
| 80,0°        | 81.7                  | 93.0       | 127.7       | 154.5       | 157.2       | 148.3       | 145.2       | 68.0        | 48.7        | 52.2        | 79.3        | 87.9        | 55.3        |
| 82,5°        | 47.7                  | 52.9       | 63.2        | 81.3        | 74.8        | 60.4        | 73.8        | 40.5        | 52.2        | 35.7        | 35.0        | 27.5        | 20.3        |
| 85,0°        | 22.7                  | 24.4       | 29.9        | 31.9        | 25.7        | 28.5        | 33.6        | 18.5        | 27.5        | 19.9        | 14.8        | 15.4        | 15.1        |
| 87,5°        | 17.2                  | 16.1       | 17.5        | 18.2        | 16.8        | 18.5        | 19.2        | 15.1        | 15.4        | 14.4        | 11.3        | 13.0        | 13.0        |
| 90,0°        | 11.7                  | 11.3       | 12.7        | 13.4        | 13.0        | 12.7        | 12.4        | 11.7        | 10.3        | 8.9         | 9.6         | 11.0        | 11.7        |
| 92,5°        | 10.6                  | 10.6       | 11.7        | 12.4        | 12.0        | 11.7        | 11.7        | 11.0        | 9.3         | 8.6         | 8.6         | 10.3        | 11.0        |
| 95,0°        | 10.0                  | 10.0       | 10.6        | 11.3        | 11.0        | 10.6        | 10.3        | 10.0        | 8.9         | 7.9         | 8.2         | 9.6         | 10.3        |
| 97,5°        | 9.3                   | 9.3        | 10.0        | 10.3        | 10.0        | 9.6         | 9.6         | 8.9         | 8.2         | 7.6         | 7.6         | 8.9         | 9.6         |
| 100,0°       | 8.6                   | 8.6        | 9.3         | 9.3         | 9.3         | 8.9         | 8.9         | 8.6         | 7.9         | 7.2         | 7.2         | 8.2         | 8.9         |
| 102,5°       | 7.9                   | 8.2        | 8.6         | 8.6         | 8.6         | 8.2         | 8.2         | 7.9         | 7.2         | 6.9         | 6.9         | 7.9         | 8.2         |
| 105,0°       | 7.6                   | 7.9        | 7.9         | 8.2         | 7.9         | 7.6         | 7.6         | 7.2         | 6.9         | 6.9         | 6.9         | 7.6         | 7.6         |
| 107,5°       | 7.2                   | 7.2        | 7.6         | 7.6         | 7.2         | 7.2         | 7.2         | 6.9         | 6.5         | 6.2         | 6.2         | 6.9         | 7.6         |
| 110,0°       | 6.5                   | 6.9        | 7.2         | 6.9         | 6.9         | 6.5         | 6.5         | 6.2         | 6.2         | 6.2         | 6.2         | 6.2         | 6.9         |
| 112,5°       | 6.2                   | 6.2        | 6.5         | 6.5         | 6.2         | 6.2         | 6.2         | 5.8         | 5.8         | 5.8         | 5.8         | 6.2         | 6.9         |

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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°         | 7.2                   | 7.2         | 7.2         | 7.2         | 7.2        | 7.2   | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          |
| 2,5°         | 7.9                   | 8.2         | 8.2         | 7.9         | 8.2        | 8.2   | 6.9          | 6.9          | 6.9          | 6.9          | 7.2          | 6.9          | 7.6          |
| 5,0°         | 13.7                  | 14.1        | 13.7        | 14.1        | 13.7       | 13.7  | 7.9          | 7.9          | 7.9          | 7.9          | 7.6          | 7.6          | 7.6          |
| 7,5°         | 30.2                  | 33.0        | 35.7        | 38.1        | 37.1       | 35.7  | 13.7         | 12.0         | 10.6         | 9.6          | 8.9          | 8.6          | 8.6          |
| 10,0°        | 40.8                  | 45.0        | 58.3        | 59.0        | 54.2       | 50.8  | 26.4         | 29.2         | 27.8         | 23.0         | 17.8         | 13.4         | 11.0         |
| 12,5°        | 77.6                  | 83.7        | 100.6       | 104.3       | 105.4      | 107.1 | 38.8         | 34.7         | 25.4         | 23.7         | 24.4         | 27.1         | 27.5         |
| 15,0°        | 127.7                 | 106.7       | 99.5        | 125.3       | 133.5      | 131.8 | 64.2         | 60.8         | 55.9         | 66.9         | 57.0         | 49.4         | 47.4         |
| 17,5°        | 148.3                 | 157.5       | 167.2       | 190.5       | 196.3      | 211.4 | 87.9         | 86.8         | 96.1         | 71.0         | 64.9         | 65.2         | 59.0         |
| 20,0°        | 190.5                 | 194.3       | 199.8       | 209.7       | 232.7      | 236.8 | 117.7        | 113.6        | 100.9        | 85.5         | 60.4         | 62.1         | 58.7         |
| 22,5°        | 221.7                 | 228.2       | 239.2       | 254.7       | 261.5      | 263.6 | 140.4        | 122.5        | 119.4        | 108.8        | 83.4         | 75.9         | 55.3         |
| 25,0°        | 252.3                 | 255.7       | 255.7       | 258.1       | 263.3      | 265.0 | 135.2        | 130.8        | 127.3        | 115.7        | 92.7         | 74.1         | 55.9         |
| 27,5°        | 267.4                 | 267.7       | 268.1       | 274.9       | 277.3      | 277.3 | 170.6        | 140.7        | 121.8        | 117.7        | 91.0         | 81.3         | 62.5         |
| 30,0°        | 296.2                 | 294.1       | 288.3       | 288.3       | 291.1      | 293.8 | 176.8        | 157.9        | 136.6        | 123.9        | 100.6        | 80.0         | 58.3         |
| 32,5°        | 315.4                 | 316.1       | 305.5       | 303.4       | 305.1      | 304.8 | 196.3        | 173.0        | 148.3        | 127.0        | 102.3        | 89.6         | 71.7         |
| 35,0°        | 338.4                 | 340.8       | 327.8       | 318.5       | 321.9      | 327.4 | 212.5        | 177.1        | 152.0        | 133.5        | 101.3        | 96.8         | 86.8         |
| 37,5°        | 364.9                 | 361.4       | 338.8       | 335.3       | 341.2      | 343.9 | 239.2        | 189.5        | 157.5        | 136.6        | 98.2         | 88.9         | 88.9         |
| 40,0°        | 381.0                 | 366.2       | 350.1       | 348.4       | 352.5      | 355.6 | 249.5        | 201.5        | 165.4        | 133.2        | 91.6         | 85.8         | 90.3         |
| 42,5°        | 396.4                 | 375.5       | 355.2       | 356.6       | 361.1      | 363.8 | 285.2        | 215.2        | 176.8        | 129.1        | 81.3         | 84.1         | 89.6         |
| 45,0°        | 411.5                 | 382.7       | 361.1       | 362.8       | 366.6      | 369.3 | 304.8        | 231.0        | 174.4        | 117.7        | 74.1         | 83.4         | 89.6         |
| 47,5°        | 413.2                 | 375.8       | 360.7       | 364.5       | 369.3      | 371.4 | 315.1        | 237.2        | 175.7        | 98.5         | 65.6         | 79.3         | 84.4         |
| 50,0°        | 399.5                 | 365.9       | 355.9       | 361.1       | 367.6      | 370.0 | 309.9        | 239.2        | 168.9        | 84.4         | 61.4         | 76.2         | 77.9         |
| 52,5°        | 378.6                 | 344.6       | 342.5       | 353.2       | 361.4      | 363.1 | 315.4        | 236.1        | 166.5        | 70.0         | 62.1         | 71.7         | 71.7         |
| 55,0°        | 351.8                 | 319.5       | 321.6       | 334.3       | 347.3      | 352.2 | 309.9        | 233.4        | 151.4        | 68.6         | 61.1         | 69.3         | 66.2         |
| 57,5°        | 320.9                 | 285.9       | 291.4       | 306.5       | 323.0      | 329.5 | 295.2        | 204.6        | 121.2        | 62.8         | 59.4         | 65.9         | 60.4         |
| 60,0°        | 290.7                 | 250.9       | 248.5       | 266.7       | 286.9      | 294.5 | 239.6        | 165.1        | 94.4         | 61.8         | 53.9         | 62.1         | 53.9         |
| 62,5°        | 250.9                 | 212.1       | 202.5       | 214.5       | 234.1      | 246.4 | 188.8        | 127.3        | 69.0         | 57.7         | 51.1         | 55.3         | 46.7         |
| 65,0°        | 211.1                 | 170.6       | 159.3       | 163.0       | 173.7      | 181.9 | 153.1        | 99.2         | 65.2         | 56.6         | 49.8         | 52.5         | 40.8         |
| 67,5°        | 168.2                 | 126.0       | 114.3       | 116.7       | 120.5      | 120.1 | 140.4        | 91.3         | 72.1         | 60.4         | 50.8         | 48.1         | 36.0         |
| 70,0°        | 138.3                 | 97.8        | 76.9        | 73.8        | 76.5       | 76.9  | 155.8        | 99.2         | 79.3         | 62.1         | 49.8         | 45.3         | 31.9         |
| 72,5°        | 108.5                 | 73.8        | 47.4        | 44.3        | 44.3       | 46.0  | 147.9        | 94.4         | 73.8         | 59.4         | 51.5         | 46.7         | 28.8         |
| 75,0°        | 86.5                  | 54.2        | 35.4        | 31.2        | 29.9       | 29.5  | 99.5         | 72.8         | 60.8         | 50.5         | 48.4         | 45.3         | 28.5         |
| 77,5°        | 63.5                  | 31.6        | 26.4        | 23.7        | 22.7       | 22.7  | 77.9         | 58.3         | 51.8         | 44.6         | 43.2         | 39.8         | 26.8         |
| 80,0°        | 32.3                  | 20.6        | 19.9        | 19.2        | 18.5       | 18.5  | 55.3         | 47.0         | 44.6         | 39.5         | 35.7         | 33.0         | 24.7         |
| 82,5°        | 16.8                  | 15.8        | 15.4        | 15.8        | 15.8       | 15.8  | 37.8         | 35.4         | 34.3         | 30.9         | 28.8         | 26.4         | 20.6         |
| 85,0°        | 14.1                  | 13.7        | 14.1        | 14.1        | 13.7       | 13.7  | 22.0         | 24.0         | 26.8         | 27.1         | 24.0         | 21.6         | 18.9         |
| 87,5°        | 13.0                  | 13.0        | 13.0        | 13.0        | 13.0       | 13.0  | 17.8         | 18.9         | 19.9         | 18.9         | 17.2         | 16.5         | 15.1         |
| 90,0°        | 11.7                  | 11.7        | 11.7        | 11.7        | 11.7       | 11.7  | 12.0         | 12.0         | 11.7         | 11.3         | 11.0         | 10.6         | 10.0         |
| 92,5°        | 11.0                  | 11.0        | 11.3        | 11.3        | 11.0       | 11.0  | 11.0         | 10.6         | 10.6         | 10.0         | 10.0         | 9.3          | 8.9          |
| 95,0°        | 10.3                  | 10.3        | 10.6        | 10.3        | 10.3       | 10.3  | 10.0         | 10.0         | 9.3          | 9.3          | 8.6          | 8.2          | 7.9          |
| 97,5°        | 9.6                   | 9.6         | 9.6         | 10.0        | 9.6        | 9.6   | 9.3          | 8.9          | 8.6          | 8.2          | 7.9          | 7.6          | 7.2          |
| 100,0°       | 8.9                   | 9.3         | 9.6         | 9.3         | 8.9        | 8.9   | 8.6          | 8.2          | 7.9          | 7.9          | 7.2          | 6.9          | 6.5          |
| 102,5°       | 8.9                   | 8.9         | 8.9         | 8.9         | 8.9        | 8.9   | 7.9          | 7.9          | 7.6          | 7.2          | 6.9          | 6.5          | 6.2          |
| 105,0°       | 8.2                   | 8.2         | 8.2         | 8.2         | 8.2        | 8.2   | 7.2          | 7.2          | 6.9          | 6.5          | 6.2          | 6.2          | 5.8          |
| 107,5°       | 7.6                   | 7.6         | 8.2         | 8.2         | 7.9        | 7.6   | 6.9          | 6.9          | 6.5          | 6.2          | 5.8          | 5.5          | 5.1          |
| 110,0°       | 7.6                   | 7.6         | 7.6         | 7.6         | 7.6        | 6.9   | 6.5          | 6.2          | 6.2          | 5.8          | 5.5          | 5.1          | 4.8          |
| 112,5°       | 6.9                   | 6.9         | 7.6         | 7.6         | 7.2        | 6.2   | 6.2          | 5.8          | 5.5          | 5.5          | 5.1          | 4.8          | 4.8          |

## Lichttechnischer Prüfbefund

|  |   |                                     |
|--|---|-------------------------------------|
| <b>Familie</b><br><b>CITY-LIGHT PLUS LED</b> | <b>Bestell-Nr.: 5XA5275EF14H000022</b><br><b>EAN: 4058352635230</b> | <b>LP-Nummer</b><br><b>57130_33</b> |
| <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°         | 7.2                   | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2          | 7.2  | 0.0                  | 0.0               |
| 2,5°         | 7.6                   | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 7.2          | 7.2          | 7.6  | 0.1                  | 0.1               |
| 5,0°         | 7.6                   | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 7.2          | 7.2          | 7.6  | 0.2                  | 0.3               |
| 7,5°         | 8.2                   | 8.2          | 8.2          | 8.2          | 8.2          | 8.2          | 8.2          | 7.6          | 7.6          | 7.2          | 7.6  | 0.6                  | 0.9               |
| 10,0°        | 9.6                   | 9.3          | 8.9          | 8.9          | 8.9          | 8.9          | 8.2          | 7.9          | 7.6          | 7.2          | 7.6  | 1.2                  | 2.1               |
| 12,5°        | 23.3                  | 17.5         | 12.0         | 10.0         | 9.3          | 9.3          | 8.6          | 7.9          | 7.2          | 7.2          | 7.6  | 2.7                  | 4.8               |
| 15,0°        | 34.0                  | 34.3         | 29.9         | 26.1         | 17.2         | 11.3         | 10.3         | 8.9          | 7.9          | 7.6          | 7.6  | 4.5                  | 9.3               |
| 17,5°        | 42.6                  | 32.3         | 25.1         | 22.3         | 20.9         | 20.3         | 15.1         | 14.1         | 13.0         | 9.3          | 8.9  | 7.4                  | 16.7              |
| 20,0°        | 45.6                  | 36.0         | 28.8         | 26.4         | 27.8         | 17.5         | 12.4         | 16.5         | 23.3         | 25.7         | 26.8 | 9.9                  | 26.5              |
| 22,5°        | 41.2                  | 31.2         | 26.8         | 26.8         | 26.8         | 20.9         | 15.8         | 24.4         | 26.1         | 22.3         | 22.7 | 12.9                 | 39.4              |
| 25,0°        | 39.1                  | 29.9         | 25.7         | 23.7         | 25.1         | 21.6         | 18.5         | 26.8         | 30.5         | 32.6         | 33.0 | 15.1                 | 54.5              |
| 27,5°        | 42.2                  | 33.3         | 26.8         | 27.8         | 28.8         | 25.7         | 25.7         | 28.8         | 27.1         | 29.2         | 30.9 | 17.6                 | 72.1              |
| 30,0°        | 43.6                  | 38.8         | 33.3         | 30.9         | 27.8         | 25.7         | 27.8         | 33.0         | 29.9         | 28.8         | 28.8 | 20.9                 | 93.1              |
| 32,5°        | 62.5                  | 54.2         | 40.5         | 34.7         | 31.6         | 29.2         | 27.1         | 31.2         | 28.5         | 27.5         | 28.1 | 24.6                 | 117.7             |
| 35,0°        | 83.4                  | 70.4         | 57.3         | 50.5         | 43.9         | 36.0         | 27.8         | 35.0         | 31.2         | 27.8         | 28.1 | 28.7                 | 146.4             |
| 37,5°        | 87.5                  | 76.5         | 65.6         | 59.0         | 48.7         | 37.4         | 32.6         | 41.9         | 38.1         | 34.3         | 34.3 | 33.0                 | 179.4             |
| 40,0°        | 87.2                  | 75.9         | 65.6         | 60.1         | 50.8         | 39.5         | 35.0         | 47.4         | 46.3         | 43.2         | 43.9 | 36.8                 | 216.2             |
| 42,5°        | 87.9                  | 75.9         | 66.2         | 62.8         | 53.2         | 42.6         | 37.1         | 48.4         | 47.4         | 44.6         | 45.3 | 40.9                 | 257.1             |
| 45,0°        | 88.2                  | 76.9         | 67.6         | 63.5         | 53.9         | 43.2         | 37.4         | 47.4         | 46.7         | 42.9         | 44.6 | 44.5                 | 301.7             |
| 47,5°        | 87.2                  | 77.2         | 67.3         | 63.8         | 52.9         | 43.2         | 36.7         | 45.6         | 45.3         | 41.5         | 42.6 | 48.3                 | 350.0             |
| 50,0°        | 81.3                  | 74.1         | 65.2         | 63.2         | 51.1         | 41.9         | 35.7         | 42.6         | 42.6         | 38.1         | 40.5 | 51.6                 | 401.6             |
| 52,5°        | 77.6                  | 72.8         | 64.2         | 62.1         | 49.8         | 40.2         | 34.3         | 39.1         | 38.8         | 35.0         | 36.4 | 54.7                 | 456.3             |
| 55,0°        | 72.4                  | 70.4         | 62.8         | 59.4         | 47.7         | 36.7         | 31.9         | 36.0         | 35.4         | 30.9         | 33.6 | 57.3                 | 513.7             |
| 57,5°        | 67.6                  | 67.6         | 61.4         | 56.6         | 46.0         | 34.7         | 29.9         | 33.0         | 31.9         | 27.8         | 29.5 | 59.4                 | 573.1             |
| 60,0°        | 59.7                  | 61.4         | 57.3         | 55.3         | 45.0         | 33.3         | 27.5         | 29.5         | 29.2         | 24.4         | 26.8 | 59.1                 | 632.1             |
| 62,5°        | 53.5                  | 55.6         | 52.9         | 58.3         | 47.0         | 37.8         | 25.7         | 27.5         | 26.4         | 22.0         | 22.7 | 56.9                 | 689.0             |
| 65,0°        | 47.7                  | 52.5         | 49.4         | 58.0         | 50.8         | 40.5         | 25.1         | 25.4         | 24.4         | 19.6         | 22.0 | 53.3                 | 742.3             |
| 67,5°        | 43.9                  | 49.8         | 50.8         | 58.0         | 51.8         | 43.9         | 24.0         | 23.7         | 22.0         | 17.8         | 18.5 | 50.4                 | 792.7             |
| 70,0°        | 40.5                  | 43.6         | 48.7         | 54.6         | 49.8         | 39.1         | 25.7         | 22.0         | 19.9         | 16.1         | 17.8 | 46.8                 | 839.5             |
| 72,5°        | 35.0                  | 40.5         | 44.6         | 51.5         | 48.4         | 34.3         | 27.5         | 20.9         | 17.5         | 14.4         | 15.8 | 42.7                 | 882.2             |
| 75,0°        | 32.6                  | 37.4         | 37.1         | 41.9         | 35.4         | 24.7         | 22.7         | 18.5         | 15.4         | 12.4         | 13.7 | 34.6                 | 916.8             |
| 77,5°        | 27.5                  | 29.5         | 27.8         | 31.6         | 23.0         | 18.5         | 16.1         | 15.8         | 13.4         | 11.0         | 11.7 | 24.6                 | 941.3             |
| 80,0°        | 22.7                  | 19.6         | 17.5         | 21.6         | 18.2         | 18.2         | 15.4         | 14.1         | 11.0         | 9.3          | 9.6  | 14.0                 | 955.4             |
| 82,5°        | 17.8                  | 14.8         | 13.4         | 15.8         | 15.1         | 16.1         | 14.1         | 12.7         | 10.0         | 8.6          | 8.2  | 8.4                  | 963.7             |
| 85,0°        | 14.1                  | 11.3         | 9.6          | 12.4         | 12.4         | 13.4         | 11.7         | 11.0         | 8.6          | 7.2          | 7.6  | 5.0                  | 968.8             |
| 87,5°        | 11.7                  | 9.3          | 7.9          | 10.0         | 10.3         | 10.6         | 9.6          | 9.6          | 7.6          | 6.9          | 6.9  | 3.8                  | 972.6             |
| 90,0°        | 8.2                   | 6.2          | 5.5          | 8.2          | 8.6          | 8.2          | 7.9          | 7.9          | 6.5          | 5.5          | 5.5  | 2.8                  | 975.4             |
| 92,5°        | 7.6                   | 5.8          | 4.8          | 6.9          | 6.9          | 6.9          | 6.5          | 6.5          | 5.1          | 4.8          | 4.8  | 2.5                  | 977.9             |
| 95,0°        | 6.5                   | 5.1          | 4.5          | 5.5          | 5.8          | 5.8          | 5.5          | 5.5          | 4.8          | 4.5          | 4.1  | 2.3                  | 980.2             |
| 97,5°        | 6.2                   | 4.8          | 4.1          | 4.8          | 5.5          | 5.1          | 4.8          | 4.8          | 4.5          | 4.1          | 4.1  | 2.1                  | 982.4             |
| 100,0°       | 5.8                   | 4.8          | 4.1          | 4.8          | 4.8          | 4.8          | 4.8          | 4.8          | 4.1          | 4.1          | 4.1  | 2.0                  | 984.3             |
| 102,5°       | 5.5                   | 4.8          | 4.1          | 4.8          | 4.8          | 4.1          | 4.1          | 4.1          | 4.1          | 3.8          | 4.1  | 1.8                  | 986.2             |
| 105,0°       | 5.1                   | 4.5          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 3.4          | 3.4  | 1.7                  | 987.9             |
| 107,5°       | 4.8                   | 4.1          | 3.8          | 3.8          | 4.1          | 3.8          | 3.8          | 3.8          | 3.4          | 3.4          | 3.4  | 1.6                  | 989.5             |
| 110,0°       | 4.8                   | 4.1          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4  | 1.5                  | 990.9             |
| 112,5°       | 4.1                   | 4.1          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.4          | 3.1          | 2.7  | 1.4                  | 992.3             |

## Lichttechnischer Prüfbefund

|  |   |                              |
|--|---|------------------------------|
| <b>Familie</b><br>CITY-LIGHT PLUS LED  | <b>Bestell-Nr.: 5XA5275EF14H000022</b><br><b>EAN: 4058352635230</b> | <b>LP-Nummer</b><br>57130_33 |
| <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 |            |             |             |             |             |             |             |             |             |             |             |             |
| 115,0°       | 5.8                   | 6.2        | 6.2         | 6.2         | 5.8         | 5.8         | 5.5         | 5.5         | 5.5         | 5.5         | 5.8         | 6.2         | 6.2         |
| 117,5°       | 5.5                   | 5.5        | 5.8         | 5.8         | 5.5         | 5.5         | 5.5         | 5.1         | 5.5         | 5.5         | 5.5         | 5.5         | 6.2         |
| 120,0°       | 4.8                   | 5.1        | 5.5         | 5.5         | 5.1         | 5.1         | 4.8         | 4.8         | 5.1         | 5.1         | 5.5         | 5.5         | 5.5         |
| 122,5°       | 4.8                   | 4.8        | 5.1         | 5.1         | 4.8         | 4.5         | 4.8         | 4.8         | 4.8         | 4.8         | 4.8         | 4.8         | 5.5         |
| 125,0°       | 4.1                   | 3.8        | 4.1         | 3.8         | 3.8         | 3.8         | 3.8         | 3.8         | 3.8         | 4.1         | 4.1         | 4.1         | 4.1         |
| 127,5°       | 2.7                   | 2.7        | 3.1         | 3.1         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         |
| 130,0°       | 2.1                   | 2.1        | 2.1         | 2.1         | 2.1         | 2.1         | 2.1         | 2.1         | 2.1         | 1.7         | 1.7         | 2.1         | 2.1         |
| 132,5°       | 2.1                   | 2.1        | 2.1         | 1.7         | 1.7         | 1.7         | 1.7         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| 135,0°       | 1.4                   | 1.7        | 1.7         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| 137,5°       | 1.4                   | 1.4        | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| 140,0°       | 1.4                   | 1.4        | 1.4         | 1.4         | 1.0         | 1.0         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         |
| 142,5°       | 1.4                   | 1.4        | 1.0         | 1.0         | 1.0         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         |
| 145,0°       | 1.4                   | 1.4        | 1.0         | 1.0         | 1.0         | 1.0         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         |
| 147,5°       | 1.0                   | 1.0        | 1.0         | 1.0         | 1.0         | 1.0         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         |
| 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         |
| 165,0°       | 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

|  |   |                                     |
|--|---|-------------------------------------|
| <b>Familie</b><br><b>CITY-LIGHT PLUS LED</b> | <b>Bestell-Nr.: 5XA5275EF14H000022</b><br><b>EAN: 4058352635230</b> | <b>LP-Nummer</b><br><b>57130_33</b> |
|  |   | <b>sitEco</b>                       |

| C- 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° |
|-----------|-----------------------|-------------|-------------|-------------|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$  | Lichtstärke in cd/klm |             |             |             |            |     |              |              |              |              |              |              |              |
| 115,0°    | 6.9                   | 6.9         | 6.9         | 6.9         | 6.5        | 4.1 | 5.8          | 5.5          | 5.1          | 5.1          | 4.8          | 4.8          | 4.5          |
| 117,5°    | 6.2                   | 6.5         | 6.9         | 6.9         | 5.5        | 2.1 | 5.1          | 4.8          | 4.8          | 4.8          | 4.8          | 4.5          | 4.1          |
| 120,0°    | 6.2                   | 6.2         | 6.2         | 6.2         | 4.8        | 2.1 | 4.8          | 4.8          | 4.8          | 4.5          | 4.1          | 4.1          | 4.1          |
| 122,5°    | 5.5                   | 5.5         | 5.5         | 6.2         | 4.1        | 2.1 | 4.5          | 4.5          | 4.1          | 4.1          | 4.1          | 3.8          | 3.4          |
| 125,0°    | 4.1                   | 4.8         | 4.8         | 4.8         | 3.1        | 1.4 | 3.8          | 3.8          | 3.4          | 3.4          | 3.4          | 3.1          | 3.1          |
| 127,5°    | 2.7                   | 2.7         | 3.1         | 2.7         | 2.1        | 1.4 | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.4          |
| 130,0°    | 2.1                   | 2.1         | 2.1         | 2.1         | 1.4        | 0.7 | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          |
| 132,5°    | 1.4                   | 1.4         | 1.4         | 1.4         | 1.4        | 0.7 | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          |
| 135,0°    | 1.4                   | 1.4         | 1.4         | 1.4         | 1.0        | 0.7 | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          |
| 137,5°    | 1.4                   | 1.4         | 1.4         | 1.0         | 0.7        | 0.7 | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.7          | 1.4          |
| 140,0°    | 0.7                   | 0.7         | 0.7         | 0.7         | 0.7        | 0.7 | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 142,5°    | 0.7                   | 0.7         | 0.7         | 0.7         | 0.7        | 0.7 | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 145,0°    | 0.7                   | 0.7         | 0.7         | 0.7         | 0.7        | 0.7 | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 147,5°    | 0.7                   | 0.7         | 0.7         | 0.7         | 0.7        | 0.7 | 1.0          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 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          |
| 165,0°    | 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          |

| C- 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 |
|-----------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|----------------------|-------------------|
| $\gamma$  | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |      | Lichtstrom in lm/klm |                   |
| 115,0°    | 4.1                   | 4.1          | 3.4          | 3.1          | 3.4          | 2.7          | 2.7          | 3.1          | 2.7          | 2.7          | 2.7  | 1.3                  | 993.6             |
| 117,5°    | 4.1                   | 3.4          | 3.4          | 3.1          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7  | 1.1                  | 994.7             |
| 120,0°    | 4.1                   | 3.4          | 3.4          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7          | 2.7  | 1.1                  | 995.8             |
| 122,5°    | 3.4                   | 3.4          | 3.4          | 2.7          | 2.7          | 2.4          | 2.4          | 2.7          | 2.7          | 2.4          | 2.1  | 1.0                  | 996.7             |
| 125,0°    | 2.7                   | 2.7          | 2.7          | 2.4          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1  | 0.8                  | 997.5             |
| 127,5°    | 2.1                   | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1          | 2.1  | 0.5                  | 998.0             |
| 130,0°    | 2.1                   | 2.1          | 2.1          | 2.1          | 1.7          | 1.7          | 2.1          | 1.7          | 1.7          | 1.4          | 1.4  | 0.4                  | 998.4             |
| 132,5°    | 2.1                   | 1.7          | 2.1          | 2.1          | 1.4          | 1.4          | 1.4          | 1.4          | 1.7          | 1.4          | 1.4  | 0.3                  | 998.8             |
| 135,0°    | 1.7                   | 1.7          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.3                  | 999.1             |
| 137,5°    | 1.4                   | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.2                  | 999.3             |
| 140,0°    | 1.4                   | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.2                  | 999.5             |
| 142,5°    | 1.4                   | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.2                  | 999.7             |
| 145,0°    | 1.4                   | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.2                  | 999.9             |
| 147,5°    | 1.4                   | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.0          | 1.4          | 1.4  | 0.2                  | 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            |
| 165,0°    | 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>CITY-LIGHT PLUS LED</b> | <b>Bestell-Nr.: 5XA5275EF14H000022</b><br><b>EAN: 4058352635230</b> | <b>LP-Nummer</b><br><b>57130_33</b> |
| <b>Dimmstufen-Tabelle</b>                    |   | <b>Umgebungstemperatur: 25°C</b>    |
| <b>siteco</b>                                |   |                                     |

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 1470            | 10.5                                 | 10.8                               | 10.6                            |
| 95             | 241              | 252                     | 1395            | 10.0                                 | 10.3                               | 10.2                            |
| 90             | 229              | 250                     | 1325            | 9.4                                  | 9.8                                | 9.6                             |
| 85             | 216              | 248                     | 1250            | 8.9                                  | 9.2                                | 9.0                             |
| 80             | 203              | 246                     | 1175            | 8.3                                  | 8.7                                | 8.5                             |
| 75             | 190              | 243                     | 1100            | 7.8                                  | 8.1                                | 8.0                             |
| 70             | 178              | 241                     | 1030            | 7.3                                  | 7.6                                | 7.4                             |
| 65             | 165              | 238                     | 955             | 6.9                                  | 7.1                                | 7.0                             |
| 60             | 152              | 235                     | 880             | 6.4                                  | 6.6                                | 6.5                             |
| 55             | 140              | 232                     | 810             | 5.9                                  | 6.1                                | 6.0                             |
| 50             | 127              | 229                     | 735             | 5.4                                  | 5.6                                | 5.5                             |
| 45             | 114              | 225                     | 660             | 5.0                                  | 5.2                                | 5.1                             |
| 40             | 102              | 221                     | 590             | 4.6                                  | 4.7                                | 4.6                             |
| 35             | 89               | 216                     | 515             | 4.1                                  | 4.3                                | 4.2                             |
| 30             | 76               | 210                     | 440             | 3.7                                  | 3.8                                | 3.8                             |
| 28             | 72               | 208                     | 417             | 3.5                                  | 3.7                                | 3.6                             |