

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 5XE1P31G08DB**  
**EAN: 4058352740712**

**LP-Nummer**  
**59337\_253**



**Ausführung** Mastansatz- / Mastaufsatzmontage  
**Optik** direkt, asymmetrisch breit strahlend  
 S150002  
**Abdeckung** Einscheibensicherheitsglas (ESG)  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 4730 lm  
 Systemleistung = 36.4 W  
 Lichtausbeute = 129.9 lm/W

**Seriendokumentation**  
26.10.2022

siteco

**Lichtstärke in cd/klm**

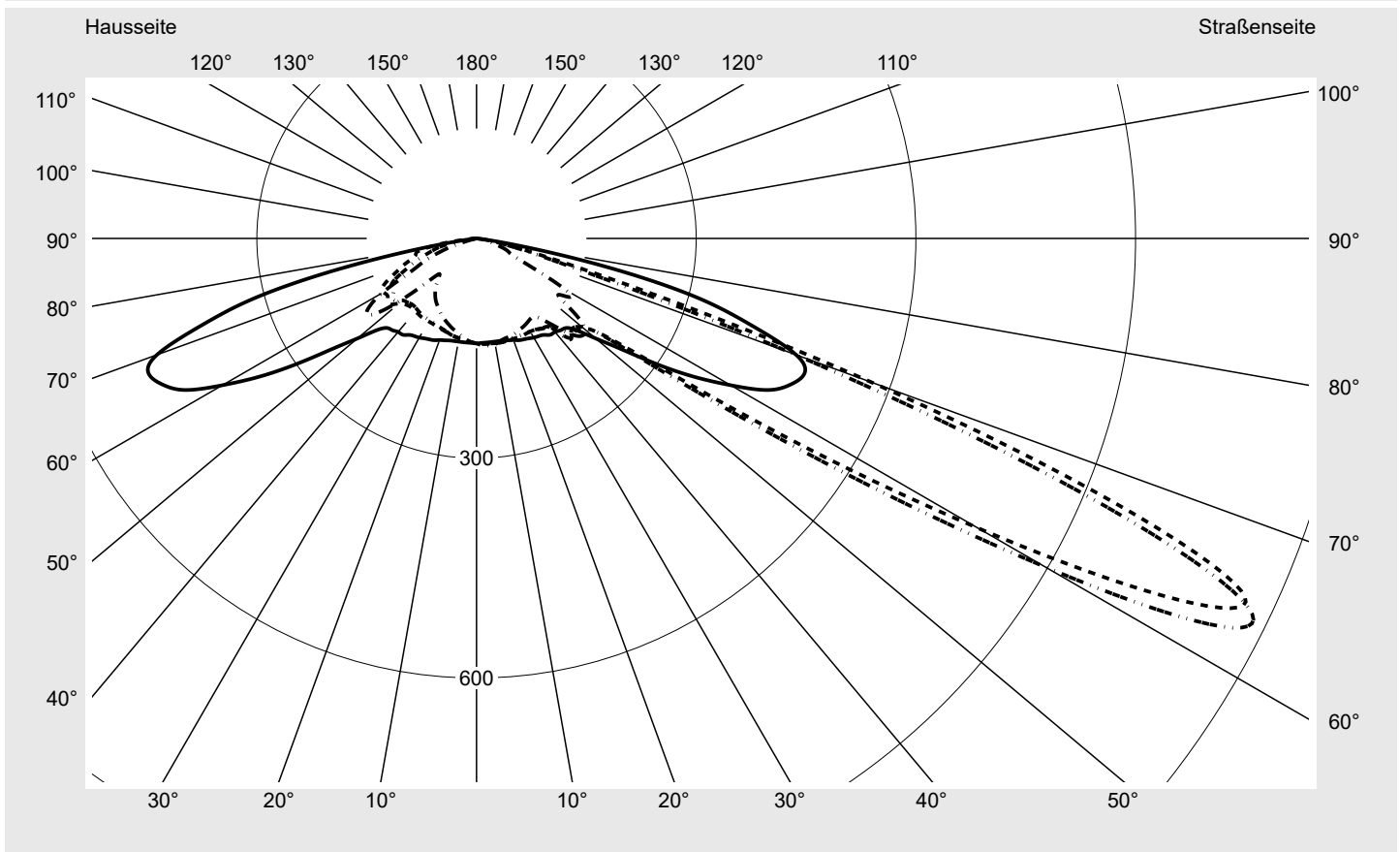
**C180-0**

**C215-35**

**C217,5-37,5**

**C270-90**

**Imax: 1158 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | ---   |
| Imax 70°  | 798.1 |
| Imax 80°  | 214.2 |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

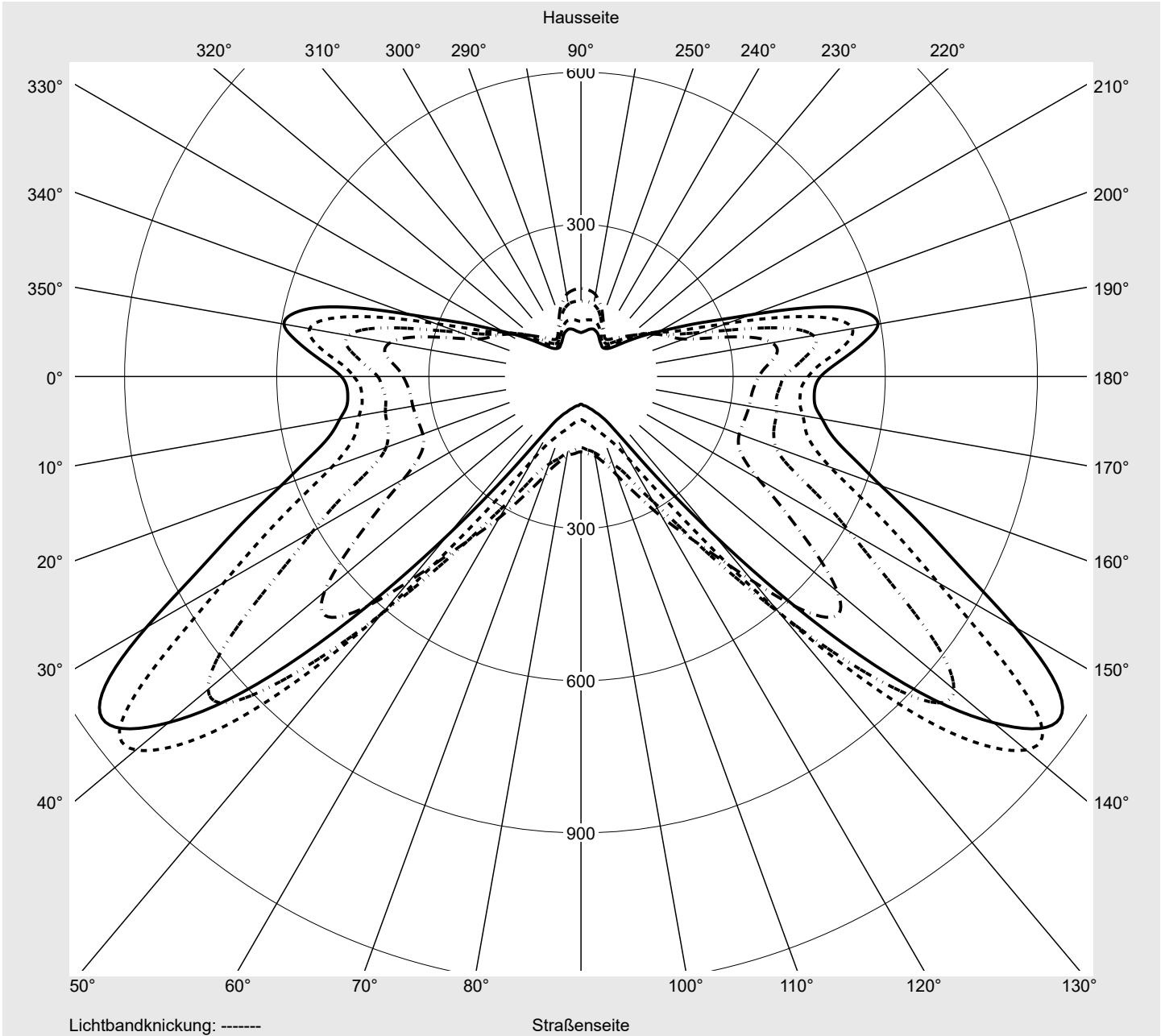
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|  |   |                               |
|--|---|-------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.:</b> 5XE1P31G08DB<br><b>EAN:</b> 4058352740712 | <b>LP-Nummer</b><br>59337_253 |
|--|---|-------------------------------|

**Kegelmantelkurven in cd/klm**    **KMK 65°**    **KMK 62,5°**    **KMK 60°**    **KMK 57,5°**    **siteco**



## Lichttechnischer Prüfbefund

|   |   |                                      |
|---|---|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 micro LED</b> | <b>Bestell-Nr.: 5XE1P31G08DB</b><br><b>EAN: 4058352740712</b> | <b>LP-Nummer</b><br><b>59337_253</b> |
| <b>Wertetabelle Lichtstärkemessung</b>            |   | <b>Maximale Lichtstärke</b>          |
|   |   | <b>siteco</b>                        |

| C-<br>Ebenen | 0,0°<br>180,0°        | 2,5°<br>177,5° | 5,0°<br>175,0° | 7,5°<br>172,5° | 10,0°<br>170,0° | 12,5°<br>167,5° | 15,0°<br>165,0° | 17,5°<br>162,5° | 20,0°<br>160,0° | 22,5°<br>157,5° | 25,0°<br>155,0° | 27,5°<br>152,5° | 30,0°<br>150,0° | 32,5°<br>147,5° | 35,0°<br>145,0° |
|--------------|-----------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ            | Lichtstärke in cd/klm |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°         | 143.3                 | 143.3          | 143.3          | 143.3          | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           |
| 2,5°         | 142.8                 | 142.8          | 142.8          | 142.9          | 143.1           | 143.1           | 143.1           | 143.2           | 143.3           | 143.4           | 143.5           | 143.6           | 143.7           | 143.8           | 143.9           |
| 5,0°         | 142.7                 | 142.9          | 143.0          | 143.1          | 143.3           | 143.5           | 143.6           | 143.7           | 143.9           | 143.9           | 144.0           | 144.1           | 144.2           | 144.3           | 144.4           |
| 7,5°         | 142.8                 | 143.0          | 143.2          | 143.4          | 143.5           | 143.7           | 143.9           | 143.9           | 144.1           | 144.1           | 144.2           | 144.3           | 144.3           | 144.4           | 144.5           |
| 10,0°        | 143.0                 | 143.3          | 143.5          | 143.6          | 143.9           | 144.0           | 144.0           | 144.1           | 144.2           | 144.3           | 144.4           | 144.5           | 144.7           | 144.8           | 145.1           |
| 12,5°        | 143.4                 | 143.6          | 143.9          | 144.1          | 144.3           | 144.4           | 144.4           | 144.4           | 144.5           | 144.7           | 144.9           | 145.1           | 145.3           | 145.5           | 145.6           |
| 15,0°        | 144.2                 | 144.5          | 144.8          | 144.9          | 145.1           | 145.1           | 145.1           | 145.2           | 145.4           | 145.6           | 145.7           | 146.0           | 146.0           | 146.1           | 146.1           |
| 17,5°        | 145.8                 | 146.0          | 146.1          | 146.2          | 146.1           | 146.1           | 146.3           | 146.6           | 146.9           | 147.3           | 147.5           | 147.4           | 147.2           | 146.6           | 146.1           |
| 20,0°        | 147.6                 | 147.9          | 147.9          | 147.8          | 147.6           | 147.5           | 148.0           | 148.5           | 149.0           | 149.4           | 149.3           | 149.1           | 148.4           | 147.2           | 145.9           |
| 22,5°        | 150.4                 | 150.6          | 150.6          | 150.3          | 149.8           | 149.8           | 150.4           | 151.2           | 151.9           | 152.3           | 152.2           | 151.2           | 150.0           | 148.4           | 146.5           |
| 25,0°        | 152.1                 | 152.6          | 152.7          | 152.4          | 151.8           | 151.8           | 152.5           | 153.5           | 154.3           | 154.7           | 154.1           | 152.8           | 151.0           | 149.1           | 147.2           |
| 27,5°        | 153.8                 | 154.4          | 154.7          | 154.3          | 153.6           | 153.6           | 154.1           | 154.9           | 155.5           | 155.5           | 154.3           | 152.3           | 150.0           | 148.0           | 146.5           |
| 30,0°        | 156.3                 | 157.0          | 157.4          | 156.8          | 155.7           | 155.5           | 155.7           | 156.0           | 156.0           | 155.2           | 153.4           | 151.2           | 149.2           | 147.9           | 147.1           |
| 32,5°        | 158.1                 | 158.9          | 159.8          | 158.7          | 157.2           | 156.8           | 156.8           | 156.5           | 155.9           | 154.8           | 153.4           | 151.9           | 150.7           | 149.5           | 148.5           |
| 35,0°        | 160.7                 | 161.8          | 162.6          | 162.2          | 160.9           | 160.1           | 159.4           | 158.7           | 158.1           | 157.0           | 155.7           | 154.5           | 153.2           | 152.0           | 151.0           |
| 37,5°        | 165.7                 | 166.1          | 166.2          | 165.4          | 165.0           | 164.2           | 162.8           | 161.5           | 160.7           | 160.4           | 159.8           | 158.2           | 156.6           | 154.8           | 153.7           |
| 40,0°        | 166.6                 | 168.0          | 168.8          | 167.7          | 167.3           | 166.7           | 165.5           | 164.1           | 163.2           | 162.3           | 161.4           | 160.3           | 159.5           | 159.1           | 159.4           |
| 42,5°        | 170.0                 | 170.9          | 171.8          | 172.1          | 171.9           | 171.0           | 169.4           | 168.2           | 166.9           | 166.4           | 165.8           | 167.1           | 170.6           | 177.0           | 183.4           |
| 45,0°        | 172.8                 | 175.4          | 177.0          | 177.0          | 176.3           | 174.8           | 173.5           | 173.2           | 174.0           | 177.6           | 181.1           | 184.0           | 186.0           | 187.8           | 186.7           |
| 47,5°        | 185.7                 | 187.3          | 190.2          | 192.0          | 190.4           | 188.4           | 189.3           | 191.3           | 193.7           | 195.3           | 194.9           | 193.8           | 191.8           | 189.0           | 185.1           |
| 50,0°        | 212.4                 | 217.2          | 220.2          | 221.6          | 222.5           | 223.0           | 223.3           | 222.1           | 219.2           | 214.6           | 208.3           | 202.9           | 198.2           | 194.4           | 191.1           |
| 52,5°        | 247.1                 | 249.7          | 251.8          | 252.7          | 252.4           | 251.7           | 249.9           | 246.8           | 241.4           | 234.4           | 227.7           | 220.9           | 214.7           | 212.4           | 214.2           |
| 55,0°        | 297.3                 | 297.7          | 296.4          | 295.8          | 295.4           | 294.0           | 291.1           | 286.7           | 281.1           | 274.7           | 268.6           | 263.1           | 262.8           | 276.5           | 308.0           |
| 57,5°        | 350.8                 | 343.8          | 339.4          | 337.4          | 336.8           | 335.2           | 333.3           | 332.0           | 332.2           | 335.9           | 345.9           | 367.3           | 403.6           | 458.5           | 522.3           |
| 60,0°        | 400.7                 | 393.9          | 388.9          | 388.3          | 391.7           | 393.1           | 394.0           | 398.8           | 409.1           | 433.6           | 481.3           | 545.9           | 610.9           | 689.2           | 790.7           |
| 62,5°        | 448.1                 | 436.0          | 433.8          | 435.8          | 444.3           | 452.1           | 463.5           | 487.0           | 523.4           | 578.3           | 647.3           | 725.1           | 813.3           | 924.2           | 1055.4          |
| 65,0°        | 472.5                 | 462.3          | 461.7          | 467.0          | 482.8           | 501.3           | 531.4           | 575.9           | 629.5           | 700.3           | 778.1           | 870.7           | 989.9           | 1101.5          | 1157.9          |
| 67,5°        | 484.2                 | 471.1          | 471.3          | 481.5          | 504.1           | 534.5           | 585.0           | 642.0           | 703.7           | 780.6           | 869.3           | 953.0           | 995.9           | 986.1           | 943.8           |
| 70,0°        | 464.4                 | 449.7          | 450.7          | 467.4          | 493.7           | 530.1           | 578.7           | 634.7           | 700.5           | 767.2           | 798.1           | 784.8           | 735.5           | 664.7           | 573.7           |
| 72,5°        | 392.8                 | 388.4          | 393.0          | 413.7          | 440.2           | 469.5           | 503.0           | 541.4           | 565.4           | 566.1           | 534.9           | 483.8           | 414.8           | 333.4           | 252.8           |
| 75,0°        | 312.1                 | 307.6          | 313.3          | 327.7          | 348.5           | 372.0           | 389.6           | 388.5           | 368.3           | 332.7           | 294.3           | 244.7           | 190.7           | 137.0           | 105.3           |
| 77,5°        | 189.9                 | 195.2          | 198.5          | 206.5          | 221.1           | 230.8           | 229.7           | 213.5           | 188.8           | 161.7           | 132.1           | 99.8            | 74.0            | 60.2            | 51.1            |
| 80,0°        | 70.3                  | 62.4           | 59.0           | 57.6           | 57.7            | 62.9            | 73.3            | 71.0            | 58.9            | 47.0            | 36.3            | 30.1            | 27.5            | 25.5            | 23.4            |
| 82,5°        | 14.9                  | 14.1           | 13.5           | 13.4           | 13.9            | 14.7            | 15.6            | 15.7            | 14.3            | 11.7            | 10.5            | 10.4            | 10.5            | 10.5            | 10.1            |
| 85,0°        | 4.1                   | 4.1            | 4.0            | 4.1            | 4.1             | 4.1             | 4.2             | 4.2             | 4.1             | 4.1             | 4.1             | 4.0             | 4.0             | 3.9             | 3.8             |
| 87,5°        | 2.1                   | 2.1            | 2.1            | 2.2            | 2.2             | 2.2             | 2.1             | 2.1             | 2.1             | 2.0             | 1.9             | 1.9             | 1.9             | 1.8             | 1.8             |
| 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             | 0.0             | 0.0             |

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

| C-<br>Ebenen | 37,5°<br>142,5°       | 40,0°<br>140,0° | 42,5°<br>137,5° | 45,0°<br>135,0° | 47,5°<br>132,5° | 50,0°<br>130,0° | 52,5°<br>127,5° | 55,0°<br>125,0° | 57,5°<br>122,5° | 60,0°<br>120,0° | 62,5°<br>117,5° | 65,0°<br>115,0° | 67,5°<br>112,5° | 70,0°<br>110,0° | 72,5°<br>107,5° |
|--------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ            | Lichtstärke in cd/klm |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°         | 143.3                 | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           |
| 2,5°         | 144.1                 | 144.2           | 144.3           | 144.4           | 144.4           | 144.6           | 144.8           | 144.9           | 145.0           | 145.1           | 145.1           | 145.2           | 145.2           | 145.2           | 145.3           |
| 5,0°         | 144.5                 | 144.7           | 144.8           | 144.9           | 144.9           | 145.1           | 145.2           | 145.4           | 145.6           | 145.6           | 145.7           | 145.8           | 145.9           | 146.0           | 146.1           |
| 7,5°         | 144.7                 | 144.9           | 145.1           | 145.2           | 145.4           | 145.6           | 145.8           | 146.1           | 146.2           | 146.5           | 146.7           | 146.8           | 146.9           | 147.0           | 147.1           |
| 10,0°        | 145.2                 | 145.5           | 145.7           | 145.9           | 146.1           | 146.2           | 146.3           | 146.5           | 146.6           | 146.7           | 146.7           | 146.7           | 146.6           | 146.6           | 146.5           |
| 12,5°        | 145.7                 | 145.9           | 146.1           | 146.1           | 146.1           | 146.0           | 146.0           | 145.9           | 145.6           | 145.4           | 145.2           | 145.0           | 144.8           | 144.7           | 144.6           |
| 15,0°        | 146.1                 | 145.9           | 145.6           | 145.1           | 144.7           | 144.3           | 144.0           | 143.8           | 143.5           | 143.3           | 143.0           | 142.7           | 142.5           | 142.4           | 142.3           |
| 17,5°        | 145.3                 | 144.7           | 144.1           | 143.4           | 142.7           | 142.2           | 141.7           | 141.5           | 141.3           | 141.2           | 141.2           | 141.0           | 141.0           | 140.9           | 141.0           |
| 20,0°        | 144.5                 | 143.3           | 142.3           | 141.7           | 141.2           | 140.9           | 140.5           | 140.5           | 140.3           | 140.4           | 140.3           | 140.3           | 140.3           | 140.4           | 140.3           |
| 22,5°        | 144.7                 | 143.2           | 142.2           | 141.4           | 140.9           | 140.6           | 140.5           | 140.3           | 140.1           | 140.1           | 140.1           | 140.1           | 140.1           | 140.0           | 140.0           |
| 25,0°        | 145.3                 | 143.8           | 142.6           | 141.9           | 141.4           | 141.1           | 140.9           | 140.7           | 140.4           | 140.1           | 139.9           | 139.6           | 139.2           | 139.0           | 138.7           |
| 27,5°        | 145.4                 | 144.7           | 144.0           | 143.4           | 142.6           | 142.1           | 141.4           | 140.8           | 140.1           | 139.5           | 138.8           | 138.3           | 138.0           | 137.7           | 137.4           |
| 30,0°        | 146.6                 | 146.3           | 146.1           | 145.6           | 144.4           | 143.1           | 141.8           | 140.7           | 139.7           | 138.9           | 138.3           | 137.6           | 137.1           | 136.7           | 136.2           |
| 32,5°        | 147.9                 | 148.3           | 149.4           | 149.2           | 147.7           | 145.3           | 143.3           | 141.7           | 140.4           | 139.2           | 138.3           | 137.2           | 136.3           | 135.5           | 134.8           |
| 35,0°        | 150.4                 | 150.2           | 150.8           | 151.6           | 149.9           | 147.1           | 144.6           | 142.5           | 140.6           | 139.0           | 137.8           | 136.6           | 135.8           | 134.9           | 134.1           |
| 37,5°        | 152.8                 | 151.9           | 150.7           | 149.7           | 150.1           | 149.1           | 146.8           | 143.8           | 141.6           | 139.8           | 138.4           | 136.9           | 135.7           | 134.7           | 134.1           |
| 40,0°        | 161.0                 | 164.5           | 168.6           | 171.3           | 172.7           | 172.2           | 170.1           | 166.1           | 160.9           | 154.8           | 148.7           | 143.6           | 140.7           | 139.7           | 140.2           |
| 42,5°        | 186.8                 | 187.3           | 186.7           | 184.0           | 179.0           | 173.8           | 170.0           | 166.2           | 161.1           | 157.4           | 154.7           | 152.9           | 152.7           | 153.8           | 155.1           |
| 45,0°        | 182.8                 | 178.9           | 174.1           | 169.8           | 166.6           | 164.1           | 163.1           | 163.3           | 163.6           | 164.9           | 166.2           | 167.6           | 169.7           | 172.0           | 174.0           |
| 47,5°        | 180.0                 | 176.2           | 173.4           | 171.2           | 170.1           | 170.8           | 172.0           | 175.4           | 179.8           | 184.3           | 187.4           | 189.6           | 191.8           | 193.5           | 194.1           |
| 50,0°        | 187.5                 | 185.2           | 183.9           | 184.0           | 187.3           | 192.4           | 199.0           | 205.3           | 210.0           | 214.2           | 216.3           | 214.8           | 212.0           | 209.8           | 207.2           |
| 52,5°        | 218.8                 | 227.2           | 239.6           | 251.9           | 261.3           | 267.0           | 266.2           | 261.5           | 253.9           | 247.3           | 244.9           | 235.9           | 226.3           | 216.2           | 206.7           |
| 55,0°        | 351.2                 | 391.6           | 419.1           | 432.1           | 429.9           | 408.9           | 375.3           | 339.6           | 313.6           | 292.8           | 274.7           | 252.0           | 228.2           | 207.5           | 190.9           |
| 57,5°        | 595.6                 | 660.1           | 690.6           | 669.0           | 605.5           | 526.5           | 457.2           | 401.8           | 358.6           | 321.1           | 285.3           | 254.5           | 229.7           | 207.0           | 188.8           |
| 60,0°        | 897.1                 | 959.8           | 952.8           | 864.4           | 739.0           | 609.8           | 497.0           | 406.8           | 334.3           | 285.2           | 249.3           | 216.0           | 196.1           | 183.8           | 174.5           |
| 62,5°        | 1147.2                | 1145.6          | 1075.2          | 953.7           | 783.7           | 604.3           | 437.1           | 316.8           | 238.8           | 187.0           | 157.2           | 140.6           | 129.3           | 119.9           | 112.9           |
| 65,0°        | 1140.2                | 1062.0          | 943.2           | 776.3           | 584.1           | 406.2           | 271.7           | 178.5           | 129.0           | 102.9           | 90.7            | 82.1            | 76.9            | 71.7            | 67.6            |
| 67,5°        | 852.9                 | 715.2           | 554.7           | 398.3           | 252.6           | 153.7           | 106.1           | 81.9            | 70.1            | 64.3            | 61.5            | 59.7            | 59.3            | 58.8            | 56.0            |
| 70,0°        | 460.6                 | 337.8           | 231.0           | 155.4           | 103.2           | 75.1            | 62.5            | 55.5            | 51.5            | 49.6            | 48.1            | 46.9            | 45.9            | 46.1            | 46.2            |
| 72,5°        | 182.3                 | 140.9           | 106.6           | 78.2            | 58.1            | 47.0            | 41.2            | 38.6            | 37.0            | 36.0            | 35.6            | 34.2            | 33.6            | 32.9            | 27.9            |
| 75,0°        | 85.2                  | 71.5            | 56.9            | 44.0            | 35.4            | 29.8            | 27.3            | 26.0            | 25.1            | 24.5            | 24.2            | 23.4            | 22.1            | 19.8            | 19.4            |
| 77,5°        | 44.0                  | 38.2            | 31.8            | 25.6            | 21.3            | 19.0            | 18.3            | 17.5            | 16.9            | 16.5            | 16.3            | 15.8            | 15.2            | 14.8            | 14.4            |
| 80,0°        | 21.2                  | 19.3            | 16.6            | 14.1            | 12.4            | 11.8            | 11.6            | 11.4            | 11.0            | 10.9            | 10.7            | 10.4            | 10.1            | 9.9             | 9.7             |
| 82,5°        | 9.4                   | 8.9             | 8.3             | 7.5             | 6.9             | 6.6             | 6.7             | 6.7             | 6.6             | 6.4             | 6.3             | 6.2             | 6.0             | 5.8             | 5.8             |
| 85,0°        | 3.6                   | 3.6             | 3.5             | 3.3             | 3.2             | 3.2             | 3.2             | 3.1             | 3.0             | 2.9             | 2.8             | 2.8             | 2.8             | 2.6             | 2.6             |
| 87,5°        | 1.7                   | 1.6             | 1.6             | 1.5             | 1.5             | 1.4             | 1.3             | 1.3             | 1.3             | 1.1             | 1.1             | 1.1             | 1.1             | 1.0             | 0.9             |
| 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             | 0.0             | 0.0             |

## Lichttechnischer Prüfbefund

|   |   |                                      |
|---|---|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 micro LED</b> | <b>Bestell-Nr.: 5XE1P31G08DB</b><br><b>EAN: 4058352740712</b> | <b>LP-Nummer</b><br><b>59337_253</b> |
| <b>Wertetabelle Lichtstärkemessung</b>            |   | <b>Maximale Lichtstärke</b>          |
|   |   | <b>siteco</b>                        |

| C-<br>Ebenen | 75,0°<br>105,0°       | 77,5°<br>102,5° | 80,0°<br>100,0° | 82,5°<br>97,5° | 85,0°<br>95,0° | 87,5°<br>92,5° | 90,0° | 182,5°<br>357,5° | 185,0°<br>355,0° | 187,5°<br>352,5° | 190,0°<br>350,0° | 192,5°<br>347,5° | 195,0°<br>345,0° | 197,5°<br>342,5° | 200,0°<br>340,0° |
|--------------|-----------------------|-----------------|-----------------|----------------|----------------|----------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ            | Lichtstärke in cd/klm |                 |                 |                |                |                |       |                  |                  |                  |                  |                  |                  |                  |                  |
| 0,0°         | 143.3                 | 143.3           | 143.3           | 143.3          | 143.3          | 143.3          | 143.3 | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            |
| 2,5°         | 145.3                 | 145.4           | 145.4           | 145.5          | 145.6          | 145.6          | 145.6 | 142.6            | 142.5            | 142.3            | 142.2            | 142.2            | 142.1            | 142.1            | 142.1            |
| 5,0°         | 146.1                 | 146.2           | 146.3           | 146.4          | 146.4          | 146.5          | 146.5 | 142.6            | 142.3            | 142.0            | 141.8            | 141.7            | 141.5            | 141.4            | 141.3            |
| 7,5°         | 147.2                 | 147.2           | 147.4           | 147.4          | 147.4          | 147.4          | 147.4 | 142.5            | 142.2            | 141.9            | 141.5            | 141.3            | 141.0            | 140.9            | 140.6            |
| 10,0°        | 146.5                 | 146.6           | 146.6           | 146.5          | 146.5          | 146.5          | 146.5 | 142.6            | 142.2            | 141.8            | 141.4            | 141.0            | 140.9            | 140.5            | 140.2            |
| 12,5°        | 144.4                 | 144.5           | 144.4           | 144.4          | 144.3          | 144.3          | 144.2 | 142.9            | 142.4            | 142.0            | 141.5            | 141.1            | 140.7            | 140.4            | 139.9            |
| 15,0°        | 142.2                 | 142.2           | 142.3           | 142.3          | 142.3          | 142.3          | 142.2 | 143.8            | 143.3            | 142.8            | 142.3            | 141.9            | 141.5            | 141.2            | 140.7            |
| 17,5°        | 141.1                 | 141.2           | 141.3           | 141.4          | 141.4          | 141.4          | 141.4 | 145.2            | 144.8            | 144.3            | 143.6            | 143.0            | 142.4            | 141.8            | 140.8            |
| 20,0°        | 140.4                 | 140.5           | 140.5           | 140.7          | 140.8          | 140.8          | 140.8 | 147.3            | 146.5            | 145.6            | 144.8            | 143.9            | 143.0            | 141.8            | 140.5            |
| 22,5°        | 139.9                 | 139.8           | 139.7           | 139.7          | 139.6          | 139.7          | 139.6 | 149.4            | 148.7            | 147.6            | 146.5            | 145.5            | 144.1            | 142.5            | 140.9            |
| 25,0°        | 138.4                 | 138.1           | 138.0           | 137.9          | 137.9          | 137.9          | 137.9 | 151.2            | 150.2            | 149.3            | 148.4            | 147.4            | 145.6            | 143.9            | 142.0            |
| 27,5°        | 137.1                 | 136.8           | 136.6           | 136.5          | 136.6          | 136.5          | 136.6 | 152.7            | 151.8            | 150.9            | 149.9            | 148.7            | 147.0            | 145.2            | 143.3            |
| 30,0°        | 135.8                 | 135.5           | 135.2           | 135.0          | 134.9          | 134.9          | 134.9 | 155.2            | 153.9            | 152.7            | 151.4            | 149.7            | 147.9            | 146.1            | 144.4            |
| 32,5°        | 134.2                 | 133.8           | 133.5           | 133.2          | 133.0          | 132.9          | 133.0 | 156.7            | 155.1            | 153.8            | 152.3            | 150.5            | 148.7            | 147.0            | 145.0            |
| 35,0°        | 133.5                 | 133.0           | 132.6           | 132.3          | 132.1          | 131.9          | 131.7 | 159.5            | 158.1            | 156.8            | 154.7            | 152.5            | 150.7            | 148.8            | 146.6            |
| 37,5°        | 134.1                 | 134.6           | 135.3           | 135.8          | 135.6          | 135.3          | 135.3 | 164.1            | 162.4            | 160.4            | 157.6            | 155.1            | 152.7            | 150.7            | 148.2            |
| 40,0°        | 141.5                 | 143.4           | 145.4           | 147.7          | 148.3          | 148.1          | 148.2 | 165.1            | 164.0            | 162.6            | 160.2            | 157.7            | 155.5            | 153.2            | 150.2            |
| 42,5°        | 156.6                 | 158.9           | 161.5           | 164.4          | 166.1          | 166.3          | 166.6 | 167.6            | 166.7            | 164.7            | 162.6            | 160.7            | 158.1            | 155.4            | 152.1            |
| 45,0°        | 175.6                 | 177.6           | 179.9           | 182.7          | 184.9          | 185.8          | 186.2 | 171.1            | 169.4            | 167.5            | 165.8            | 163.4            | 161.1            | 158.2            | 154.7            |
| 47,5°        | 193.8                 | 193.5           | 193.6           | 194.5          | 196.0          | 196.2          | 196.3 | 180.0            | 178.3            | 175.0            | 171.8            | 168.7            | 165.6            | 162.4            | 158.6            |
| 50,0°        | 204.0                 | 200.6           | 199.2           | 198.4          | 196.3          | 193.5          | 192.8 | 212.1            | 205.3            | 200.3            | 195.6            | 190.4            | 185.6            | 180.4            | 173.7            |
| 52,5°        | 197.6                 | 189.8           | 183.6           | 178.6          | 174.9          | 172.1          | 170.8 | 243.5            | 242.7            | 237.2            | 226.1            | 212.7            | 202.8            | 194.8            | 186.6            |
| 55,0°        | 177.1                 | 164.9           | 154.2           | 146.9          | 142.0          | 137.7          | 136.4 | 306.3            | 307.5            | 309.4            | 296.7            | 269.6            | 235.8            | 209.4            | 194.7            |
| 57,5°        | 176.5                 | 166.2           | 159.0           | 155.0          | 152.9          | 149.8          | 148.6 | 362.1            | 379.4            | 390.6            | 382.5            | 352.8            | 300.9            | 249.5            | 216.4            |
| 60,0°        | 167.1                 | 158.5           | 152.4           | 147.8          | 145.2          | 141.9          | 140.3 | 421.2            | 444.2            | 465.8            | 465.4            | 432.2            | 370.1            | 303.7            | 255.1            |
| 62,5°        | 107.3                 | 100.2           | 95.5            | 91.5           | 89.0           | 86.4           | 85.0  | 467.6            | 500.7            | 531.6            | 543.3            | 518.0            | 456.8            | 379.0            | 305.5            |
| 65,0°        | 64.9                  | 61.8            | 59.7            | 58.1           | 57.6           | 55.5           | 54.5  | 498.8            | 534.5            | 570.4            | 594.8            | 578.8            | 528.7            | 445.1            | 355.5            |
| 67,5°        | 53.4                  | 51.7            | 50.7            | 49.7           | 48.7           | 47.1           | 47.2  | 511.9            | 544.5            | 577.9            | 603.6            | 591.4            | 551.6            | 488.4            | 410.8            |
| 70,0°        | 43.2                  | 41.3            | 40.3            | 39.7           | 39.7           | 39.7           | 39.6  | 483.2            | 514.9            | 547.5            | 567.8            | 560.5            | 538.9            | 500.0            | 449.0            |
| 72,5°        | 25.2                  | 23.6            | 23.4            | 23.5           | 30.6           | 32.6           | 28.2  | 418.6            | 437.7            | 467.2            | 483.2            | 493.6            | 490.6            | 479.8            | 460.1            |
| 75,0°        | 19.3                  | 18.6            | 18.2            | 18.1           | 30.1           | 24.0           | 20.9  | 317.6            | 333.1            | 354.8            | 376.5            | 394.0            | 408.6            | 419.8            | 423.9            |
| 77,5°        | 13.9                  | 13.6            | 13.2            | 13.1           | 14.9           | 14.6           | 14.3  | 205.9            | 210.9            | 224.6            | 243.3            | 263.8            | 286.8            | 308.4            | 326.0            |
| 80,0°        | 9.3                   | 8.9             | 8.7             | 8.6            | 8.8            | 8.9            | 9.2   | 74.8             | 83.6             | 95.3             | 110.3            | 128.9            | 151.2            | 174.9            | 196.6            |
| 82,5°        | 5.5                   | 5.2             | 5.0             | 4.9            | 4.9            | 5.3            | 5.5   | 17.3             | 18.5             | 21.3             | 25.4             | 31.0             | 39.7             | 52.1             | 68.0             |
| 85,0°        | 2.4                   | 2.4             | 2.4             | 2.3            | 2.4            | 2.3            | 2.3   | 3.8              | 4.0              | 4.0              | 3.9              | 3.9              | 3.8              | 3.8              | 3.8              |
| 87,5°        | 0.9                   | 0.9             | 0.8             | 0.8            | 0.8            | 0.8            | 0.8   | 2.1              | 2.1              | 2.1              | 2.0              | 2.0              | 2.0              | 2.0              | 1.9              |
| 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              | 0.0              | 0.0              |

## Lichttechnischer Prüfbefund

|  |   |                               |
|--|---|-------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1P31G08DB</b><br><b>EAN: 4058352740712</b> | <b>LP-Nummer</b><br>59337_253 |
| <b>Wertetabelle Lichtstärkemessung</b>     |   | <b>Maximale Lichtstärke</b>   |
|  |   | <b>siteco</b>                 |

| C-<br>Ebenen | 202,5°<br>337,5°      | 205,0°<br>335,0° | 207,5°<br>332,5° | 210,0°<br>330,0° | 212,5°<br>327,5° | 215,0°<br>325,0° | 217,5°<br>322,5° | 220,0°<br>320,0° | 222,5°<br>317,5° | 225,0°<br>315,0° | 227,5°<br>312,5° | 230,0°<br>310,0° | 232,5°<br>307,5° | 235,0°<br>305,0° | 237,5°<br>302,5° |
|--------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ            | Lichtstärke in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 0,0°         | 143.3                 | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            |
| 2,5°         | 142.0                 | 141.9            | 141.9            | 141.9            | 141.8            | 141.8            | 141.9            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.7            |
| 5,0°         | 141.2                 | 140.9            | 140.9            | 140.9            | 140.8            | 140.7            | 140.6            | 140.4            | 140.3            | 140.2            | 140.1            | 140.1            | 140.0            | 139.8            | 139.9            |
| 7,5°         | 140.4                 | 140.1            | 140.0            | 139.7            | 139.6            | 139.3            | 139.2            | 139.0            | 138.8            | 138.7            | 138.5            | 138.4            | 138.3            | 138.1            | 137.9            |
| 10,0°        | 139.9                 | 139.6            | 139.2            | 139.0            | 138.8            | 138.4            | 138.1            | 137.7            | 137.2            | 136.9            | 136.4            | 136.0            | 135.7            | 135.3            | 134.9            |
| 12,5°        | 139.6                 | 139.3            | 139.0            | 138.7            | 138.1            | 137.6            | 137.1            | 136.4            | 135.9            | 135.4            | 134.9            | 134.4            | 133.8            | 133.2            | 132.8            |
| 15,0°        | 140.2                 | 139.6            | 138.8            | 138.0            | 137.3            | 136.6            | 135.9            | 135.1            | 134.3            | 133.6            | 132.8            | 131.9            | 131.1            | 130.4            | 129.8            |
| 17,5°        | 139.7                 | 138.5            | 137.5            | 136.4            | 135.4            | 134.6            | 133.9            | 133.2            | 132.3            | 131.4            | 130.6            | 129.8            | 129.0            | 128.3            | 127.5            |
| 20,0°        | 139.1                 | 137.8            | 136.6            | 135.4            | 134.4            | 133.3            | 132.3            | 131.4            | 130.4            | 129.4            | 128.5            | 127.6            | 126.8            | 125.9            | 125.3            |
| 22,5°        | 139.3                 | 137.8            | 136.4            | 135.2            | 133.8            | 132.4            | 131.1            | 129.8            | 128.5            | 127.4            | 126.3            | 125.4            | 124.4            | 123.6            | 123.0            |
| 25,0°        | 140.1                 | 138.4            | 136.7            | 134.9            | 133.2            | 131.5            | 129.9            | 128.5            | 126.9            | 125.5            | 124.5            | 123.3            | 122.4            | 121.4            | 120.6            |
| 27,5°        | 141.3                 | 139.2            | 137.1            | 134.9            | 132.8            | 131.0            | 129.1            | 127.2            | 125.6            | 124.0            | 122.8            | 121.6            | 120.3            | 119.1            | 118.2            |
| 30,0°        | 142.2                 | 140.0            | 137.6            | 135.3            | 132.9            | 130.7            | 128.7            | 126.7            | 124.8            | 122.9            | 121.3            | 119.9            | 118.3            | 116.9            | 115.6            |
| 32,5°        | 142.9                 | 140.5            | 138.3            | 135.8            | 133.2            | 130.8            | 128.5            | 126.2            | 123.9            | 121.9            | 119.9            | 118.2            | 116.5            | 114.8            | 113.1            |
| 35,0°        | 144.0                 | 141.3            | 138.6            | 135.9            | 133.3            | 131.0            | 128.2            | 125.6            | 122.9            | 120.5            | 118.2            | 116.0            | 114.1            | 112.2            | 110.5            |
| 37,5°        | 145.2                 | 142.2            | 139.2            | 136.3            | 133.5            | 130.3            | 127.4            | 124.7            | 121.8            | 118.7            | 116.0            | 113.6            | 111.4            | 109.5            | 107.9            |
| 40,0°        | 146.9                 | 143.5            | 140.1            | 136.9            | 133.5            | 129.9            | 126.4            | 123.1            | 120.3            | 117.3            | 114.2            | 111.2            | 108.6            | 106.5            | 104.9            |
| 42,5°        | 148.3                 | 144.3            | 140.5            | 137.2            | 133.5            | 129.6            | 125.7            | 122.1            | 118.7            | 115.6            | 112.2            | 109.2            | 106.0            | 103.3            | 101.0            |
| 45,0°        | 150.4                 | 146.1            | 141.8            | 137.8            | 134.0            | 130.3            | 126.3            | 122.5            | 118.4            | 114.9            | 111.1            | 107.4            | 103.6            | 99.7             | 96.4             |
| 47,5°        | 154.1                 | 149.6            | 145.6            | 141.5            | 137.5            | 132.9            | 128.8            | 124.5            | 120.0            | 115.9            | 112.0            | 107.6            | 103.4            | 99.2             | 94.9             |
| 50,0°        | 166.8                 | 160.9            | 155.2            | 149.5            | 143.5            | 137.9            | 131.6            | 126.4            | 122.1            | 117.8            | 113.2            | 108.3            | 104.2            | 100.6            | 97.6             |
| 52,5°        | 179.8                 | 174.5            | 170.1            | 164.1            | 156.2            | 147.8            | 139.1            | 130.8            | 123.7            | 117.4            | 111.7            | 105.9            | 101.2            | 98.0             | 96.6             |
| 55,0°        | 185.2                 | 177.8            | 170.1            | 162.7            | 154.9            | 147.7            | 140.2            | 134.0            | 127.2            | 119.1            | 111.1            | 103.6            | 97.7             | 94.2             | 93.3             |
| 57,5°        | 199.9                 | 189.5            | 178.3            | 167.1            | 155.5            | 144.5            | 134.5            | 125.1            | 116.9            | 109.6            | 103.4            | 97.8             | 92.4             | 89.1             | 88.8             |
| 60,0°        | 220.3                 | 197.3            | 182.2            | 170.4            | 157.7            | 146.8            | 134.4            | 121.2            | 108.5            | 98.4             | 90.5             | 84.7             | 81.8             | 81.5             | 82.9             |
| 62,5°        | 252.5                 | 213.6            | 190.4            | 175.7            | 159.1            | 144.8            | 128.9            | 112.2            | 98.3             | 87.7             | 81.0             | 76.8             | 75.3             | 76.6             | 78.9             |
| 65,0°        | 290.5                 | 245.2            | 206.5            | 177.3            | 153.7            | 132.3            | 113.9            | 98.3             | 86.6             | 78.9             | 74.8             | 72.4             | 71.4             | 72.1             | 74.4             |
| 67,5°        | 339.6                 | 279.5            | 227.5            | 177.0            | 142.6            | 117.7            | 98.8             | 85.5             | 76.4             | 71.1             | 68.2             | 66.4             | 65.4             | 65.9             | 67.6             |
| 70,0°        | 393.3                 | 334.0            | 256.5            | 185.8            | 133.6            | 105.7            | 86.3             | 74.3             | 67.3             | 63.1             | 60.3             | 58.7             | 58.0             | 57.8             | 59.4             |
| 72,5°        | 430.2                 | 379.5            | 299.1            | 206.5            | 133.5            | 92.5             | 71.9             | 61.6             | 56.0             | 52.6             | 50.3             | 48.5             | 47.7             | 47.8             | 49.6             |
| 75,0°        | 415.5                 | 386.9            | 326.1            | 231.4            | 141.2            | 86.0             | 60.7             | 50.0             | 44.1             | 40.5             | 38.4             | 37.2             | 37.1             | 37.4             | 38.3             |
| 77,5°        | 334.1                 | 328.0            | 299.2            | 241.7            | 154.5            | 82.0             | 48.4             | 36.8             | 31.1             | 28.1             | 26.7             | 25.5             | 25.2             | 25.7             | 26.4             |
| 80,0°        | 211.1                 | 214.2            | 200.9            | 168.0            | 117.3            | 62.4             | 29.3             | 20.8             | 17.4             | 15.4             | 14.2             | 13.9             | 13.9             | 14.3             | 13.9             |
| 82,5°        | 78.3                  | 80.0             | 78.5             | 71.8             | 58.2             | 35.0             | 15.2             | 8.8              | 7.4              | 6.4              | 5.7              | 5.3              | 5.4              | 5.7              | 5.6              |
| 85,0°        | 3.8                   | 3.8              | 4.0              | 4.1              | 4.3              | 4.2              | 3.4              | 2.7              | 2.4              | 2.3              | 2.1              | 2.0              | 1.9              | 1.8              | 1.7              |
| 87,5°        | 1.9                   | 1.8              | 1.8              | 1.6              | 1.6              | 1.5              | 1.5              | 1.3              | 1.3              | 1.3              | 1.1              | 1.1              | 1.1              | 1.1              | 1.0              |
| 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              | 0.0              | 0.0              | 0.0              |

## Lichttechnischer Prüfbefund

|   |   |                                      |
|---|---|--------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 micro LED</b> | <b>Bestell-Nr.: 5XE1P31G08DB</b><br><b>EAN: 4058352740712</b> | <b>LP-Nummer</b><br><b>59337_253</b> |
| <b>Wertetabelle Lichtstärkemessung</b>            |   | <b>Maximale Lichtstärke</b>          |
|   |   | <b>siteco</b>                        |

| C-<br>Ebenen | 240,0°<br>300,0°      | 242,5°<br>297,5° | 245,0°<br>295,0° | 247,5°<br>292,5° | 250,0°<br>290,0° | 252,5°<br>287,5° | 255,0°<br>285,0° | 257,5°<br>282,5° | 260,0°<br>280,0° | 262,5°<br>277,5° | 265,0°<br>275,0° | 267,5°<br>272,5° | 270,0° | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        | Lichtstrom in lm/klm |                   |
| 0,0°         | 143.3                 | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3  | 0.2                  | 0.2               |
| 2,5°         | 141.8                 | 141.8            | 141.8            | 141.8            | 141.8            | 141.9            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.9            | 141.9  | 1.7                  | 1.9               |
| 5,0°         | 139.8                 | 139.7            | 139.8            | 139.7            | 139.7            | 139.6            | 139.6            | 139.7            | 139.6            | 139.6            | 139.7            | 139.7            | 139.6  | 3.4                  | 5.3               |
| 7,5°         | 137.7                 | 137.5            | 137.4            | 137.2            | 137.1            | 137.0            | 136.8            | 136.7            | 136.7            | 136.6            | 136.6            | 136.6            | 136.6  | 5.1                  | 10.4              |
| 10,0°        | 134.7                 | 134.5            | 134.1            | 133.9            | 133.6            | 133.5            | 133.3            | 133.2            | 133.2            | 133.2            | 133.1            | 133.1            | 133.2  | 6.7                  | 17.1              |
| 12,5°        | 132.3                 | 131.9            | 131.5            | 131.1            | 130.8            | 130.5            | 130.2            | 130.0            | 129.9            | 129.8            | 129.8            | 129.7            | 129.8  | 8.3                  | 25.5              |
| 15,0°        | 129.2                 | 128.7            | 128.1            | 127.7            | 127.4            | 127.2            | 127.0            | 126.9            | 127.0            | 127.0            | 127.1            | 127.2            | 127.2  | 9.9                  | 35.3              |
| 17,5°        | 126.8                 | 126.2            | 125.5            | 125.1            | 124.6            | 124.3            | 124.2            | 124.0            | 124.0            | 123.9            | 124.0            | 123.9            | 123.9  | 11.4                 | 46.7              |
| 20,0°        | 124.7                 | 124.2            | 123.5            | 122.9            | 122.3            | 121.8            | 121.4            | 121.1            | 120.9            | 120.8            | 120.8            | 120.8            | 120.8  | 12.9                 | 59.6              |
| 22,5°        | 122.4                 | 121.8            | 121.2            | 120.6            | 119.8            | 119.1            | 118.5            | 118.1            | 117.8            | 117.6            | 117.6            | 117.5            | 117.4  | 14.4                 | 74.0              |
| 25,0°        | 119.7                 | 119.1            | 118.3            | 117.7            | 116.9            | 116.1            | 115.6            | 115.1            | 114.5            | 114.3            | 114.2            | 114.1            | 114.2  | 15.9                 | 89.9              |
| 27,5°        | 117.0                 | 116.1            | 115.3            | 114.7            | 113.9            | 113.2            | 112.5            | 111.8            | 111.1            | 110.6            | 110.3            | 110.1            | 110.1  | 17.3                 | 107.2             |
| 30,0°        | 114.3                 | 113.3            | 112.4            | 111.5            | 110.7            | 110.0            | 109.2            | 108.5            | 107.8            | 107.0            | 106.6            | 106.5            | 106.4  | 18.6                 | 125.8             |
| 32,5°        | 111.8                 | 110.6            | 109.5            | 108.5            | 107.6            | 106.7            | 105.9            | 105.2            | 104.4            | 103.6            | 103.1            | 102.7            | 102.7  | 20.0                 | 145.8             |
| 35,0°        | 109.1                 | 107.8            | 106.6            | 105.6            | 104.4            | 103.3            | 102.3            | 101.5            | 100.6            | 99.6             | 98.8             | 98.2             | 98.1   | 21.4                 | 167.2             |
| 37,5°        | 106.5                 | 105.1            | 103.7            | 102.4            | 101.0            | 99.3             | 98.0             | 96.9             | 95.9             | 94.8             | 93.8             | 93.0             | 92.8   | 22.8                 | 190.0             |
| 40,0°        | 103.2                 | 101.4            | 99.7             | 98.0             | 96.0             | 93.8             | 92.0             | 90.9             | 89.8             | 88.6             | 87.6             | 86.9             | 86.8   | 24.7                 | 214.6             |
| 42,5°        | 98.6                  | 96.1             | 93.4             | 90.9             | 88.6             | 86.1             | 84.7             | 83.9             | 82.1             | 80.4             | 79.4             | 78.7             | 78.7   | 26.6                 | 241.3             |
| 45,0°        | 92.8                  | 89.4             | 86.2             | 83.0             | 80.4             | 77.9             | 76.4             | 75.7             | 74.4             | 73.1             | 72.5             | 71.9             | 71.7   | 28.4                 | 269.7             |
| 47,5°        | 90.8                  | 87.5             | 84.4             | 82.0             | 80.0             | 78.3             | 77.1             | 77.0             | 76.7             | 76.5             | 76.6             | 76.5             | 76.4   | 31.1                 | 300.7             |
| 50,0°        | 95.5                  | 94.6             | 94.8             | 96.3             | 98.8             | 101.6            | 104.9            | 109.2            | 112.6            | 115.5            | 117.9            | 119.1            | 119.4  | 35.8                 | 336.5             |
| 52,5°        | 97.6                  | 100.0            | 104.4            | 110.6            | 118.5            | 126.5            | 134.5            | 142.9            | 149.7            | 155.3            | 159.0            | 161.2            | 161.7  | 41.6                 | 378.2             |
| 55,0°        | 96.1                  | 101.2            | 108.2            | 117.3            | 128.1            | 139.3            | 149.5            | 159.6            | 168.4            | 174.7            | 179.0            | 181.7            | 182.0  | 50.3                 | 428.5             |
| 57,5°        | 92.0                  | 97.7             | 105.7            | 115.2            | 125.6            | 137.4            | 147.7            | 156.0            | 164.1            | 168.5            | 171.3            | 173.0            | 173.5  | 62.1                 | 490.5             |
| 60,0°        | 86.4                  | 92.0             | 99.3             | 107.9            | 116.7            | 125.7            | 134.1            | 140.1            | 144.4            | 147.1            | 148.2            | 148.8            | 148.9  | 73.7                 | 564.2             |
| 62,5°        | 82.3                  | 86.6             | 92.5             | 98.5             | 103.8            | 108.3            | 112.0            | 113.8            | 113.3            | 112.8            | 111.5            | 109.6            | 109.0  | 81.0                 | 645.2             |
| 65,0°        | 77.0                  | 80.1             | 84.5             | 88.9             | 92.5             | 94.7             | 96.5             | 96.0             | 94.6             | 92.1             | 89.7             | 87.9             | 86.8   | 81.9                 | 727.1             |
| 67,5°        | 71.0                  | 74.2             | 78.2             | 81.7             | 83.6             | 84.2             | 84.2             | 82.0             | 79.9             | 77.4             | 74.4             | 72.9             | 71.2   | 75.6                 | 802.6             |
| 70,0°        | 62.4                  | 65.9             | 69.3             | 72.3             | 71.9             | 69.4             | 67.1             | 62.8             | 60.2             | 56.1             | 54.8             | 52.6             | 50.9   | 64.8                 | 867.5             |
| 72,5°        | 51.7                  | 55.1             | 56.3             | 57.8             | 55.6             | 52.7             | 49.5             | 43.5             | 40.9             | 37.7             | 40.4             | 36.4             | 33.9   | 51.4                 | 918.8             |
| 75,0°        | 40.3                  | 40.8             | 40.7             | 39.5             | 38.9             | 34.0             | 24.1             | 14.9             | 12.9             | 12.3             | 18.1             | 12.0             | 11.0   | 38.4                 | 957.2             |
| 77,5°        | 26.4                  | 26.6             | 26.8             | 23.3             | 15.7             | 8.2              | 7.0              | 6.6              | 6.4              | 5.6              | 5.3              | 4.7              | 4.7    | 25.3                 | 982.6             |
| 80,0°        | 14.0                  | 13.2             | 11.4             | 6.5              | 4.5              | 4.0              | 3.4              | 3.2              | 3.0              | 2.4              | 1.9              | 1.7              | 1.8    | 12.1                 | 994.7             |
| 82,5°        | 5.4                   | 4.7              | 3.5              | 2.7              | 2.4              | 2.1              | 1.9              | 1.7              | 1.5              | 1.2              | 1.1              | 1.1              | 1.0    | 4.2                  | 998.8             |
| 85,0°        | 1.5                   | 1.5              | 1.4              | 1.2              | 1.2              | 1.1              | 1.0              | 0.9              | 0.9              | 0.7              | 0.7              | 0.7              | 0.6    | 0.8                  | 999.6             |
| 87,5°        | 1.0                   | 1.0              | 0.9              | 0.8              | 0.8              | 0.8              | 0.7              | 0.6              | 0.6              | 0.6              | 0.6              | 0.6              | 0.6    | 0.4                  | 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              | 0.0    | 0.0                  | 1000.0            |

## Lichttechnischer Prüfbefund

|  |   |                                      |
|--|---|--------------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1P31G08DB</b><br><b>EAN: 4058352740712</b> | <b>LP-Nummer</b><br><b>59337_253</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                     | 4730            | 36.4                                 | 38.3                               | 37.3                            |
| 95             | 241              | 252                     | 4488            | 33.9                                 | 35.7                               | 34.8                            |
| 90             | 229              | 250                     | 4264            | 31.7                                 | 33.3                               | 32.5                            |
| 85             | 216              | 248                     | 4022            | 29.5                                 | 31.0                               | 30.2                            |
| 80             | 203              | 246                     | 3780            | 27.2                                 | 28.6                               | 27.9                            |
| 75             | 190              | 243                     | 3538            | 25.2                                 | 26.4                               | 25.8                            |
| 70             | 178              | 241                     | 3315            | 23.3                                 | 24.5                               | 23.9                            |
| 65             | 165              | 238                     | 3073            | 21.3                                 | 22.3                               | 21.8                            |
| 60             | 152              | 235                     | 2831            | 19.4                                 | 20.3                               | 19.8                            |
| 55             | 140              | 232                     | 2607            | 17.7                                 | 18.5                               | 18.1                            |
| 50             | 127              | 229                     | 2365            | 15.9                                 | 16.7                               | 16.3                            |
| 45             | 114              | 225                     | 2123            | 14.2                                 | 14.9                               | 14.6                            |
| 40             | 102              | 221                     | 1899            | 12.7                                 | 13.2                               | 13.0                            |
| 35             | 89               | 216                     | 1657            | 11.0                                 | 11.6                               | 11.3                            |
| 30             | 76               | 210                     | 1415            | 9.5                                  | 9.9                                | 9.7                             |
| 25             | 63               | 203                     | 1173            | 8.0                                  | 8.4                                | 8.2                             |
| 20             | 51               | 195                     | 950             | 6.7                                  | 7.0                                | 6.8                             |
| 15             | 38               | 184                     | 708             | 5.3                                  | 5.5                                | 5.4                             |
| 10             | 26               | 171                     | 484             | 4.1                                  | 4.3                                | 4.2                             |

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 4730            | 35.7                                 | 37.4                               | 36.6                            |
| 95             | 241              | 252                     | 4488            | 33.3                                 | 34.9                               | 34.1                            |
| 90             | 229              | 250                     | 4264            | 31.2                                 | 32.7                               | 32.0                            |
| 85             | 216              | 248                     | 4022            | 29.0                                 | 30.5                               | 29.8                            |
| 80             | 203              | 246                     | 3780            | 26.9                                 | 28.2                               | 27.6                            |
| 75             | 190              | 243                     | 3538            | 24.9                                 | 26.0                               | 25.4                            |
| 70             | 178              | 241                     | 3315            | 23.1                                 | 24.1                               | 23.6                            |
| 65             | 165              | 238                     | 3073            | 21.2                                 | 22.1                               | 21.6                            |
| 60             | 152              | 235                     | 2831            | 19.3                                 | 20.2                               | 19.8                            |
| 55             | 140              | 232                     | 2607            | 17.6                                 | 18.4                               | 18.0                            |
| 50             | 127              | 229                     | 2365            | 15.9                                 | 16.6                               | 16.2                            |
| 45             | 114              | 225                     | 2123            | 14.2                                 | 14.8                               | 14.5                            |
| 40             | 102              | 221                     | 1899            | 12.7                                 | 13.2                               | 13.0                            |
| 35             | 89               | 216                     | 1657            | 11.1                                 | 11.6                               | 11.4                            |
| 30             | 76               | 210                     | 1415            | 9.5                                  | 9.9                                | 9.7                             |
| 25             | 63               | 203                     | 1173            | 8.1                                  | 8.3                                | 8.2                             |
| 20             | 51               | 195                     | 950             | 6.7                                  | 7.0                                | 6.8                             |
| 15             | 38               | 184                     | 708             | 5.4                                  | 5.6                                | 5.5                             |
| 11             | 27               | 172                     | 503             | 4.2                                  | 4.4                                | 4.3                             |

## Lichttechnischer Prüfbefund

|  |   |                                      |
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| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.: 5XE1P31G08DB</b><br><b>EAN: 4058352740712</b> | <b>LP-Nummer</b><br><b>59337_253</b> |
|--|---|--------------------------------------|

|                           |                           |               |
|---------------------------|---------------------------|---------------|
| <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                     | 4730            | 36.0                                 | 37.7                               | 36.8                            |
| 95             | 241              | 252                     | 4488            | 33.6                                 | 35.2                               | 34.4                            |
| 90             | 229              | 250                     | 4264            | 31.5                                 | 32.9                               | 32.2                            |
| 85             | 216              | 248                     | 4022            | 29.2                                 | 30.6                               | 29.9                            |
| 80             | 203              | 246                     | 3780            | 27.0                                 | 28.4                               | 27.7                            |
| 75             | 190              | 243                     | 3538            | 25.0                                 | 26.2                               | 25.6                            |
| 70             | 178              | 241                     | 3315            | 23.1                                 | 24.2                               | 23.6                            |
| 65             | 165              | 238                     | 3073            | 21.2                                 | 22.1                               | 21.6                            |
| 60             | 152              | 235                     | 2831            | 19.3                                 | 20.2                               | 19.8                            |
| 55             | 140              | 232                     | 2607            | 17.7                                 | 18.4                               | 18.0                            |
| 50             | 127              | 229                     | 2365            | 15.9                                 | 16.6                               | 16.2                            |
| 45             | 114              | 225                     | 2123            | 14.2                                 | 14.8                               | 14.5                            |
| 40             | 102              | 221                     | 1899            | 12.7                                 | 13.2                               | 13.0                            |
| 35             | 89               | 216                     | 1657            | 11.0                                 | 11.5                               | 11.2                            |
| 30             | 76               | 210                     | 1415            | 9.5                                  | 9.9                                | 9.7                             |
| 25             | 63               | 203                     | 1173            | 8.0                                  | 8.4                                | 8.2                             |
| 20             | 51               | 195                     | 950             | 6.7                                  | 6.9                                | 6.8                             |
| 15             | 38               | 184                     | 708             | 5.4                                  | 5.5                                | 5.4                             |
| 11             | 27               | 172                     | 503             | 4.2                                  | 4.4                                | 4.3                             |

**Lichttechnischer Prüfbefund**

|  |   |                               |
|--|---|-------------------------------|
| <b>Familie</b><br>Streetlight 21 micro LED | <b>Bestell-Nr.:</b> 5XE1P31G08DB<br><b>EAN:</b> 4058352740712 | <b>LP-Nummer</b><br>59337_253 |
|--|---|-------------------------------|

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

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 4730.0           | 36.4                |
| 5.0              | 4730.0           | 35.7                |
| 15.0             | 4730.0           | 36.0                |