

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 21 midi LED**

**Bestell-Nr.: 5XE3E21G08NB**  
**EAN: 4058352728338**

**LP-Nummer**  
**59079\_82**



|                        |  |
|------------------------|--|
| <b>Ausführung</b>      | Mastansatz- / Mastaufsatzmontage   |
| <b>Optik</b>           | asymmetrisch, breit strahlend (STW1.0a G)  |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)   |
| <b>Bestückung</b>      | LED 2200 K   CRI ≥ 70  |
| <b>Betriebsgerät</b>   | EVG SITECO iQ  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 19210 lm<br>Systemleistung = 155.5 W<br>Lichtausbeute = 123.5 lm/W |

**Seriendokumentation**  
**23.08.2022**

siteco

**Lichtstärke in cd/klm**

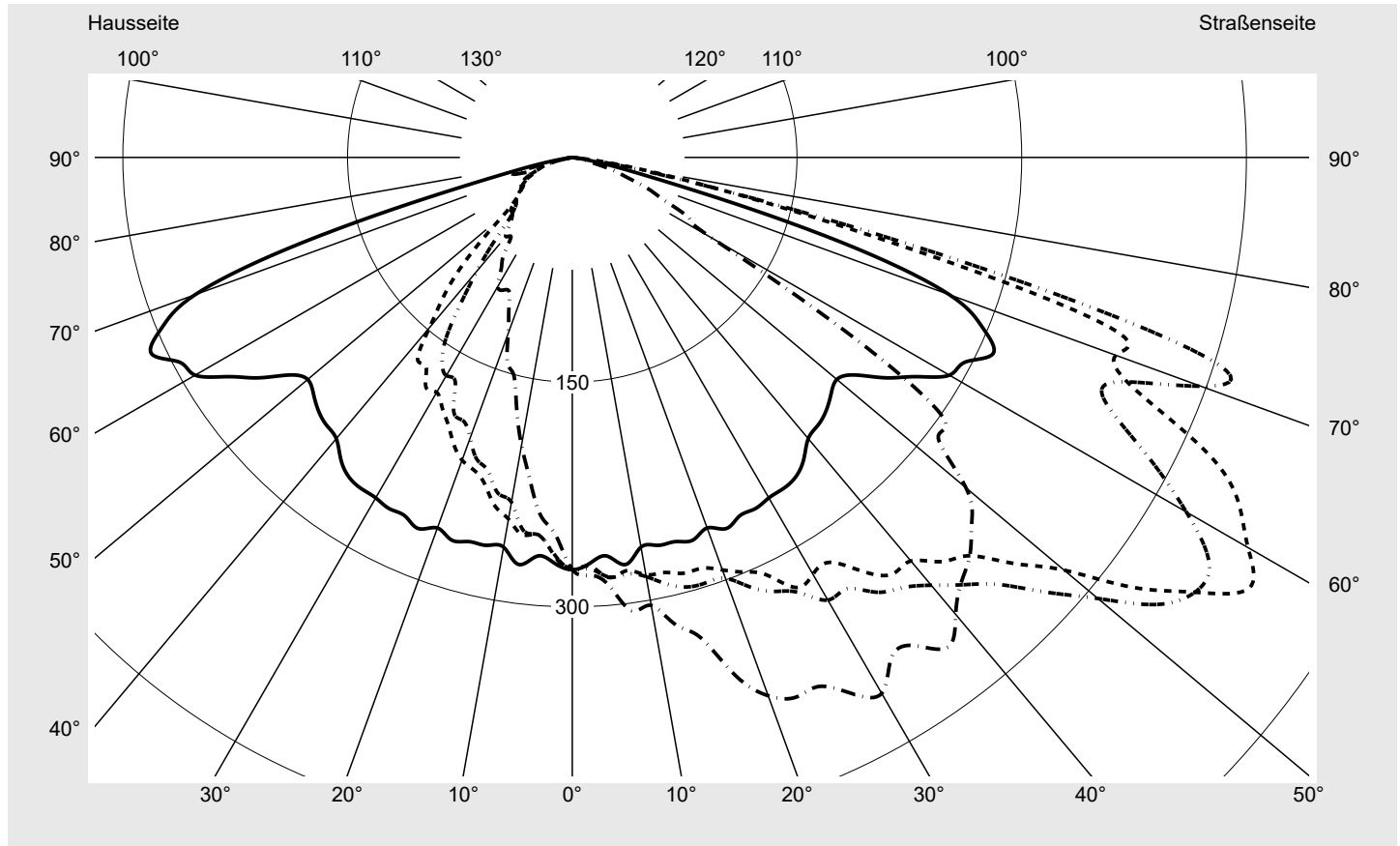
**C180-0**

**C200-20**

**C205-25**

**C270-90**

**Imax: 535 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G4    |
| Imax 70°  | 486.3 |
| Imax 80°  | 49.2  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

**Messbedingungen**

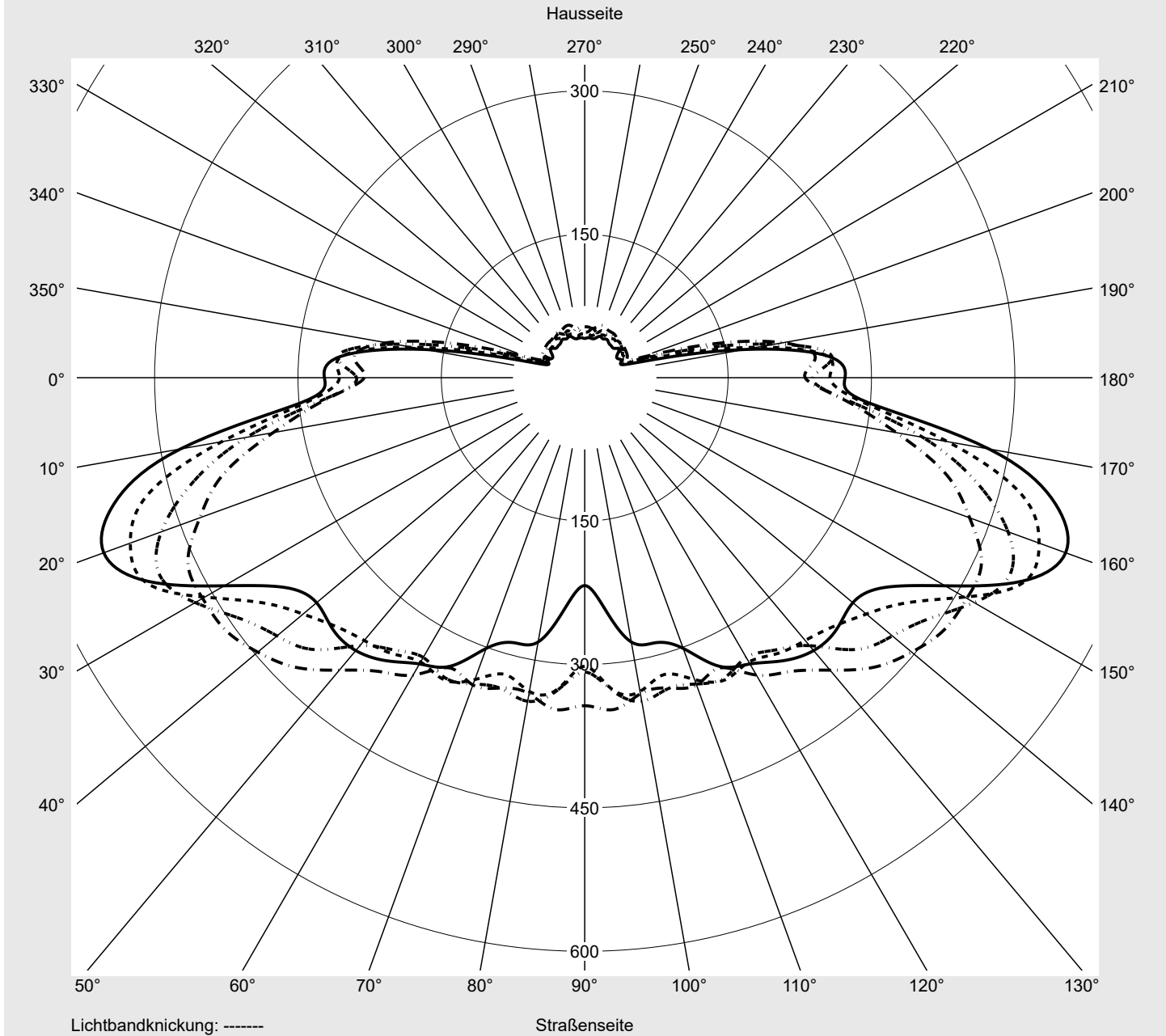
DIN EN 13032 und DIN 5032

# Lichttechnischer Prüfbefund

|   |   |                              |
|---|---|------------------------------|
| <b>Familie</b><br>Streetlight 21 midi LED | <b>Bestell-Nr.:</b> 5XE3E21G08NB<br><b>EAN:</b> 4058352728338 | <b>LP-Nummer</b><br>59079_82 |
|---|---|------------------------------|



**Kegelmantelkurven in cd/klm**    **KMK 57,5°**    **KMK 55°**    **KMK 52,5°**    **KMK 50°**



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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°         | 275.2                 | 275.2      | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       |
| 2,5°         | 271.1                 | 272.6      | 274.2       | 272.4       | 273.1       | 275.0       | 271.7       | 272.5       | 277.2       | 276.0       | 276.0       | 276.0       | 273.8       |
| 5,0°         | 267.1                 | 272.9      | 275.2       | 280.1       | 281.5       | 281.2       | 280.8       | 282.7       | 283.1       | 284.1       | 282.6       | 285.7       | 289.7       |
| 7,5°         | 274.1                 | 279.0      | 277.5       | 278.4       | 278.2       | 280.5       | 282.2       | 280.1       | 280.7       | 279.4       | 280.1       | 282.2       | 287.0       |
| 10,0°        | 264.1                 | 267.7      | 274.1       | 281.5       | 282.9       | 284.1       | 284.6       | 289.0       | 288.4       | 289.8       | 289.4       | 296.1       | 298.5       |
| 12,5°        | 265.2                 | 273.1      | 281.9       | 286.0       | 283.8       | 291.7       | 297.8       | 297.4       | 299.9       | 302.2       | 305.4       | 304.8       | 305.6       |
| 15,0°        | 265.5                 | 268.6      | 273.1       | 278.4       | 287.3       | 296.8       | 296.7       | 300.7       | 302.2       | 302.6       | 306.1       | 317.4       | 327.7       |
| 17,5°        | 267.8                 | 273.0      | 278.7       | 286.4       | 287.5       | 297.6       | 312.8       | 307.7       | 310.5       | 319.9       | 331.7       | 332.0       | 337.4       |
| 20,0°        | 263.2                 | 276.0      | 283.2       | 285.6       | 293.0       | 298.9       | 314.1       | 316.9       | 322.0       | 337.8       | 350.9       | 349.4       | 357.5       |
| 22,5°        | 268.2                 | 277.3      | 286.1       | 293.7       | 299.5       | 310.4       | 324.4       | 326.9       | 342.4       | 343.6       | 356.1       | 369.0       | 375.1       |
| 25,0°        | 264.1                 | 279.2      | 290.5       | 304.6       | 307.6       | 319.6       | 332.9       | 339.3       | 354.0       | 370.6       | 376.6       | 388.5       | 394.7       |
| 27,5°        | 264.4                 | 278.9      | 292.5       | 301.1       | 323.7       | 327.4       | 350.6       | 352.7       | 365.4       | 382.4       | 390.1       | 396.0       | 398.1       |
| 30,0°        | 262.4                 | 282.1      | 299.4       | 304.0       | 321.3       | 341.2       | 351.9       | 364.5       | 376.7       | 390.8       | 402.8       | 403.1       | 399.6       |
| 32,5°        | 262.1                 | 278.2      | 296.7       | 315.0       | 320.5       | 341.4       | 361.3       | 372.4       | 390.8       | 396.6       | 408.5       | 414.4       | 410.7       |
| 35,0°        | 260.2                 | 274.8      | 293.4       | 320.6       | 337.1       | 354.3       | 370.4       | 374.9       | 395.6       | 416.3       | 417.7       | 425.9       | 434.6       |
| 37,5°        | 253.9                 | 269.5      | 301.7       | 327.7       | 350.7       | 362.0       | 373.6       | 396.8       | 412.7       | 434.7       | 432.1       | 435.0       | 433.6       |
| 40,0°        | 245.1                 | 278.1      | 306.0       | 330.0       | 351.7       | 372.8       | 391.4       | 402.6       | 422.5       | 443.3       | 435.7       | 438.1       | 439.9       |
| 42,5°        | 242.6                 | 268.1      | 310.3       | 337.6       | 365.9       | 386.9       | 401.8       | 431.6       | 446.3       | 442.4       | 453.9       | 429.3       | 424.6       |
| 45,0°        | 239.5                 | 273.8      | 302.3       | 342.4       | 376.0       | 403.2       | 431.8       | 441.1       | 452.0       | 463.2       | 443.3       | 420.5       | 405.7       |
| 47,5°        | 234.2                 | 273.4      | 316.7       | 354.5       | 401.5       | 429.6       | 443.6       | 448.8       | 453.7       | 445.8       | 421.4       | 404.1       | 379.3       |
| 50,0°        | 230.6                 | 273.9      | 331.1       | 391.8       | 428.6       | 458.0       | 461.6       | 459.4       | 446.6       | 428.3       | 399.3       | 375.2       | 359.2       |
| 52,5°        | 238.6                 | 277.2      | 359.1       | 425.0       | 471.4       | 490.3       | 470.6       | 439.6       | 420.2       | 402.0       | 365.9       | 347.7       | 337.9       |
| 55,0°        | 256.6                 | 291.5      | 385.6       | 473.5       | 505.9       | 506.7       | 459.0       | 410.7       | 384.7       | 368.1       | 358.8       | 352.1       | 343.4       |
| 57,5°        | 272.4                 | 297.3      | 429.5       | 509.8       | 535.5       | 504.1       | 435.4       | 382.6       | 366.2       | 372.5       | 372.6       | 361.5       | 345.8       |
| 60,0°        | 290.7                 | 312.9      | 440.7       | 516.1       | 520.9       | 473.3       | 391.3       | 379.2       | 399.9       | 420.5       | 391.2       | 362.4       | 336.3       |
| 62,5°        | 295.8                 | 319.6      | 438.3       | 511.2       | 501.8       | 433.9       | 373.9       | 424.8       | 468.3       | 466.9       | 396.4       | 312.7       | 244.7       |
| 65,0°        | 310.0                 | 306.1      | 414.0       | 482.8       | 468.6       | 395.4       | 406.6       | 503.6       | 507.9       | 477.9       | 351.8       | 231.9       | 136.1       |
| 67,5°        | 296.3                 | 284.8      | 343.3       | 418.8       | 408.3       | 391.9       | 456.6       | 515.0       | 519.3       | 406.7       | 244.9       | 142.9       | 85.5        |
| 70,0°        | 267.9                 | 221.9      | 267.0       | 347.6       | 386.2       | 446.6       | 482.2       | 486.3       | 474.1       | 299.8       | 141.0       | 105.2       | 59.3        |
| 72,5°        | 188.3                 | 130.0      | 180.7       | 283.4       | 375.3       | 444.0       | 418.1       | 427.9       | 352.8       | 173.7       | 109.3       | 73.5        | 42.6        |
| 75,0°        | 79.5                  | 49.5       | 103.3       | 171.0       | 226.3       | 273.0       | 234.3       | 258.1       | 188.4       | 90.8        | 79.5        | 53.3        | 28.4        |
| 77,5°        | 32.8                  | 26.1       | 45.5        | 68.8        | 109.2       | 112.3       | 72.0        | 72.0        | 64.4        | 51.6        | 54.2        | 38.7        | 20.2        |
| 80,0°        | 12.7                  | 11.2       | 13.8        | 29.0        | 49.2        | 38.8        | 18.1        | 12.1        | 17.2        | 27.4        | 33.2        | 21.4        | 13.7        |
| 82,5°        | 3.2                   | 2.9        | 2.9         | 5.3         | 16.4        | 9.5         | 4.8         | 5.8         | 4.2         | 4.2         | 8.1         | 8.7         | 8.6         |
| 85,0°        | 1.0                   | 0.7        | 1.0         | 1.2         | 1.0         | 1.3         | 1.2         | 1.3         | 1.3         | 1.2         | 1.1         | 1.3         | 1.4         |
| 87,5°        | 0.2                   | 0.3        | 0.3         | 0.2         | 0.3         | 0.2         | 0.2         | 0.1         | 0.1         | 0.2         | 0.3         | 0.1         | 0.1         |
| 90,0°        | 0.0                   | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

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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°         | 275.2                 | 275.2       | 275.2       | 275.2       | 275.2      | 275.2 | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        |
| 2,5°         | 275.4                 | 276.4       | 275.8       | 278.7       | 278.6      | 279.2 | 271.9        | 270.2        | 267.9        | 266.6        | 265.7        | 265.4        | 263.3        |
| 5,0°         | 286.6                 | 286.7       | 285.9       | 286.3       | 284.1      | 287.4 | 264.7        | 262.8        | 256.2        | 253.3        | 253.1        | 251.8        | 249.4        |
| 7,5°         | 296.6                 | 297.2       | 303.1       | 302.6       | 302.8      | 305.2 | 270.5        | 262.1        | 259.5        | 254.0        | 251.0        | 248.1        | 242.3        |
| 10,0°        | 301.8                 | 296.6       | 299.1       | 304.9       | 306.9      | 303.6 | 259.4        | 258.2        | 251.7        | 245.1        | 233.7        | 230.0        | 225.1        |
| 12,5°        | 309.7                 | 314.4       | 316.9       | 312.5       | 316.6      | 319.6 | 255.9        | 247.6        | 242.0        | 238.3        | 229.5        | 217.0        | 207.4        |
| 15,0°        | 330.0                 | 333.2       | 335.6       | 336.4       | 331.8      | 332.1 | 257.5        | 245.9        | 237.1        | 225.7        | 216.8        | 209.9        | 200.7        |
| 17,5°        | 340.4                 | 350.7       | 346.9       | 351.7       | 356.5      | 362.7 | 255.8        | 243.9        | 231.9        | 218.7        | 211.5        | 199.8        | 188.0        |
| 20,0°        | 362.8                 | 363.2       | 373.1       | 382.4       | 380.6      | 382.4 | 252.3        | 241.2        | 228.1        | 215.1        | 199.2        | 189.6        | 172.4        |
| 22,5°        | 387.9                 | 383.3       | 388.4       | 391.7       | 392.5      | 390.0 | 253.3        | 235.4        | 220.1        | 206.9        | 190.3        | 176.2        | 163.6        |
| 25,0°        | 395.3                 | 398.5       | 402.1       | 400.7       | 402.0      | 389.6 | 250.3        | 227.6        | 210.8        | 196.3        | 187.2        | 166.5        | 152.4        |
| 27,5°        | 401.7                 | 407.5       | 403.6       | 409.3       | 400.9      | 403.3 | 260.7        | 230.3        | 210.7        | 188.2        | 169.1        | 157.2        | 146.2        |
| 30,0°        | 413.5                 | 413.1       | 416.0       | 405.9       | 412.5      | 413.1 | 252.2        | 228.6        | 208.9        | 181.1        | 168.2        | 150.9        | 126.5        |
| 32,5°        | 416.5                 | 415.7       | 415.4       | 407.1       | 400.4      | 396.3 | 250.2        | 222.7        | 203.8        | 181.8        | 161.7        | 133.9        | 105.2        |
| 35,0°        | 424.4                 | 420.6       | 411.8       | 403.2       | 413.5      | 397.8 | 239.8        | 214.2        | 199.1        | 170.3        | 146.6        | 110.2        | 83.9         |
| 37,5°        | 425.9                 | 417.6       | 417.5       | 409.3       | 406.8      | 412.1 | 226.9        | 213.4        | 196.8        | 169.6        | 121.4        | 85.3         | 67.5         |
| 40,0°        | 424.1                 | 425.5       | 404.9       | 403.6       | 392.5      | 398.2 | 225.0        | 212.7        | 194.7        | 148.3        | 99.2         | 71.0         | 64.3         |
| 42,5°        | 423.2                 | 393.4       | 395.9       | 380.3       | 376.0      | 384.5 | 217.5        | 213.5        | 183.3        | 128.6        | 79.8         | 58.6         | 62.0         |
| 45,0°        | 389.6                 | 380.7       | 368.6       | 371.4       | 374.3      | 375.4 | 224.9        | 214.4        | 166.7        | 108.0        | 62.0         | 58.1         | 54.8         |
| 47,5°        | 370.2                 | 345.8       | 351.5       | 356.1       | 365.4      | 361.7 | 224.3        | 217.2        | 151.3        | 82.7         | 53.5         | 53.3         | 57.7         |
| 50,0°        | 334.9                 | 342.1       | 336.0       | 335.7       | 348.4      | 343.1 | 242.2        | 210.6        | 134.8        | 60.0         | 49.0         | 50.8         | 51.6         |
| 52,5°        | 346.2                 | 341.0       | 336.8       | 343.7       | 328.2      | 308.0 | 259.4        | 202.0        | 112.3        | 49.3         | 46.8         | 46.3         | 48.4         |
| 55,0°        | 348.5                 | 336.1       | 321.4       | 333.3       | 327.1      | 301.8 | 255.3        | 183.3        | 89.9         | 43.5         | 43.5         | 43.4         | 45.5         |
| 57,5°        | 333.1                 | 301.4       | 287.0       | 280.8       | 243.0      | 217.5 | 256.1        | 169.8        | 70.2         | 40.4         | 42.6         | 39.9         | 41.4         |
| 60,0°        | 279.1                 | 240.3       | 177.8       | 140.7       | 115.6      | 108.0 | 237.5        | 150.4        | 54.0         | 37.7         | 41.5         | 39.6         | 41.3         |
| 62,5°        | 178.1                 | 124.1       | 98.0        | 100.8       | 85.8       | 88.1  | 239.1        | 140.0        | 43.7         | 36.8         | 36.2         | 37.1         | 37.9         |
| 65,0°        | 99.1                  | 83.2        | 78.4        | 82.9        | 69.1       | 68.0  | 241.7        | 135.3        | 46.2         | 32.9         | 35.4         | 35.4         | 34.2         |
| 67,5°        | 67.6                  | 65.4        | 58.0        | 59.1        | 52.8       | 55.0  | 240.2        | 129.6        | 40.5         | 27.7         | 30.8         | 32.7         | 30.2         |
| 70,0°        | 54.9                  | 49.1        | 44.3        | 41.8        | 38.6       | 38.8  | 219.4        | 108.6        | 29.5         | 25.1         | 24.9         | 26.1         | 25.9         |
| 72,5°        | 37.5                  | 35.8        | 30.6        | 29.5        | 27.8       | 29.1  | 182.7        | 84.2         | 24.7         | 21.6         | 21.1         | 20.7         | 20.3         |
| 75,0°        | 27.1                  | 24.4        | 19.7        | 18.6        | 15.6       | 14.7  | 95.9         | 46.9         | 22.2         | 15.0         | 16.2         | 15.3         | 14.5         |
| 77,5°        | 16.0                  | 13.2        | 12.0        | 10.3        | 11.8       | 9.8   | 39.9         | 12.4         | 10.7         | 9.4          | 9.8          | 10.7         | 10.3         |
| 80,0°        | 9.9                   | 6.2         | 5.3         | 5.1         | 4.8        | 4.8   | 13.7         | 6.5          | 4.8          | 4.8          | 4.6          | 5.9          | 6.2          |
| 82,5°        | 3.9                   | 2.2         | 1.7         | 1.8         | 1.9        | 1.6   | 2.3          | 2.3          | 2.4          | 2.4          | 2.2          | 2.5          | 3.4          |
| 85,0°        | 0.8                   | 0.3         | 0.5         | 0.4         | 0.5        | 0.7   | 1.0          | 0.7          | 0.8          | 0.7          | 0.7          | 0.8          | 0.6          |
| 87,5°        | 0.1                   | 0.2         | 0.2         | 0.1         | 0.1        | 0.1   | 0.1          | 0.1          | 0.2          | 0.1          | 0.1          | 0.1          | 0.1          |
| 90,0°        | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |

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

| 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 |
|----------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ        | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |       | Lichtstrom in lm/klm |                   |
| 0,0°     | 275.2                 | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2 | 0.4                  | 0.4               |
| 2,5°     | 260.8                 | 259.8        | 256.9        | 253.8        | 251.0        | 252.2        | 251.9        | 249.9        | 250.5        | 250.2        | 252.4 | 3.2                  | 3.6               |
| 5,0°     | 248.3                 | 248.0        | 247.6        | 244.7        | 243.8        | 240.8        | 239.7        | 238.1        | 240.3        | 238.3        | 240.2 | 6.3                  | 10.0              |
| 7,5°     | 237.6                 | 230.9        | 229.2        | 228.6        | 224.8        | 222.0        | 219.4        | 218.6        | 215.7        | 216.7        | 216.9 | 9.4                  | 19.3              |
| 10,0°    | 221.3                 | 214.6        | 208.2        | 202.9        | 198.7        | 198.8        | 199.0        | 198.0        | 198.2        | 198.1        | 195.2 | 12.2                 | 31.5              |
| 12,5°    | 203.7                 | 196.8        | 192.2        | 183.7        | 183.6        | 182.0        | 181.0        | 176.7        | 174.1        | 172.2        | 171.5 | 15.0                 | 46.5              |
| 15,0°    | 186.5                 | 178.0        | 176.2        | 169.6        | 166.7        | 160.1        | 155.8        | 154.1        | 151.7        | 150.9        | 150.6 | 17.7                 | 64.2              |
| 17,5°    | 176.1                 | 167.1        | 157.8        | 153.5        | 148.4        | 147.6        | 144.8        | 144.9        | 145.1        | 146.7        | 143.8 | 20.7                 | 84.8              |
| 20,0°    | 164.3                 | 155.9        | 149.9        | 146.2        | 140.9        | 137.2        | 131.6        | 130.4        | 128.3        | 126.9        | 124.9 | 23.6                 | 108.5             |
| 22,5°    | 154.2                 | 146.7        | 140.2        | 130.7        | 122.7        | 116.4        | 112.1        | 109.0        | 111.6        | 108.2        | 110.7 | 26.4                 | 134.9             |
| 25,0°    | 142.1                 | 130.1        | 120.6        | 106.7        | 103.3        | 95.5         | 98.8         | 96.4         | 97.5         | 97.4         | 99.3  | 29.1                 | 164.0             |
| 27,5°    | 123.7                 | 109.6        | 92.1         | 90.5         | 86.8         | 87.4         | 88.0         | 94.3         | 96.2         | 99.4         | 99.8  | 31.7                 | 195.7             |
| 30,0°    | 104.3                 | 88.4         | 83.4         | 81.7         | 84.9         | 91.2         | 91.8         | 95.1         | 93.2         | 95.8         | 99.4  | 34.4                 | 230.1             |
| 32,5°    | 81.6                  | 73.6         | 73.0         | 73.4         | 77.3         | 81.3         | 81.6         | 84.1         | 86.0         | 82.6         | 88.3  | 36.5                 | 266.6             |
| 35,0°    | 69.6                  | 66.2         | 65.4         | 69.0         | 64.3         | 66.1         | 67.8         | 70.2         | 73.5         | 73.0         | 80.2  | 38.6                 | 305.2             |
| 37,5°    | 70.3                  | 69.8         | 68.3         | 63.8         | 63.8         | 59.8         | 62.3         | 66.0         | 64.0         | 64.6         | 67.3  | 41.0                 | 346.2             |
| 40,0°    | 65.5                  | 66.3         | 67.3         | 63.3         | 62.7         | 67.0         | 69.6         | 69.2         | 66.5         | 65.0         | 68.9  | 43.2                 | 389.4             |
| 42,5°    | 64.0                  | 62.1         | 68.3         | 59.5         | 72.1         | 75.8         | 71.4         | 68.4         | 64.4         | 63.6         | 62.6  | 45.0                 | 434.4             |
| 45,0°    | 58.5                  | 58.8         | 65.2         | 59.8         | 62.5         | 64.7         | 64.0         | 60.4         | 60.0         | 57.6         | 57.0  | 46.3                 | 480.6             |
| 47,5°    | 53.8                  | 57.1         | 57.5         | 58.4         | 56.9         | 59.5         | 56.5         | 57.2         | 57.7         | 57.2         | 54.4  | 47.2                 | 527.9             |
| 50,0°    | 52.4                  | 52.7         | 52.9         | 54.9         | 55.1         | 55.6         | 57.4         | 56.4         | 52.2         | 52.9         | 53.2  | 48.3                 | 576.2             |
| 52,5°    | 50.2                  | 51.8         | 51.5         | 52.5         | 53.4         | 50.3         | 52.2         | 48.7         | 52.1         | 48.7         | 47.6  | 49.5                 | 625.7             |
| 55,0°    | 47.0                  | 47.2         | 50.2         | 49.9         | 48.0         | 48.9         | 47.8         | 47.7         | 44.7         | 45.8         | 45.7  | 50.6                 | 676.3             |
| 57,5°    | 46.6                  | 43.4         | 43.3         | 44.0         | 46.3         | 44.9         | 46.0         | 42.7         | 41.6         | 42.0         | 41.1  | 50.5                 | 726.8             |
| 60,0°    | 39.7                  | 40.8         | 39.5         | 40.4         | 40.2         | 41.0         | 40.9         | 42.6         | 41.2         | 41.2         | 39.3  | 48.0                 | 774.8             |
| 62,5°    | 36.9                  | 38.6         | 35.2         | 36.9         | 36.9         | 36.9         | 37.6         | 37.2         | 37.3         | 37.5         | 36.1  | 45.8                 | 820.6             |
| 65,0°    | 33.7                  | 36.6         | 36.0         | 30.8         | 34.2         | 31.7         | 33.6         | 34.0         | 34.8         | 34.2         | 33.8  | 43.9                 | 864.4             |
| 67,5°    | 30.7                  | 30.9         | 31.1         | 30.5         | 30.9         | 30.4         | 30.0         | 32.6         | 33.0         | 32.5         | 32.0  | 40.1                 | 904.6             |
| 70,0°    | 24.9                  | 27.9         | 27.6         | 27.1         | 28.7         | 24.9         | 27.3         | 28.1         | 30.3         | 29.7         | 29.0  | 35.7                 | 940.2             |
| 72,5°    | 20.6                  | 22.8         | 23.9         | 24.1         | 24.1         | 24.0         | 23.7         | 24.0         | 28.1         | 31.5         | 34.3  | 29.2                 | 969.4             |
| 75,0°    | 16.2                  | 18.4         | 21.1         | 21.3         | 20.4         | 20.7         | 19.2         | 19.2         | 26.6         | 34.8         | 38.2  | 17.7                 | 987.1             |
| 77,5°    | 10.5                  | 11.5         | 15.4         | 16.1         | 16.5         | 15.0         | 14.2         | 12.3         | 12.7         | 7.0          | 5.2   | 8.0                  | 995.1             |
| 80,0°    | 7.0                   | 7.3          | 9.5          | 11.3         | 13.1         | 11.1         | 7.6          | 9.0          | 5.4          | 1.0          | 1.0   | 3.5                  | 998.6             |
| 82,5°    | 3.1                   | 4.6          | 5.5          | 6.4          | 6.3          | 4.6          | 4.5          | 3.8          | 1.9          | 0.6          | 0.3   | 1.2                  | 999.7             |
| 85,0°    | 0.9                   | 0.9          | 0.9          | 1.0          | 0.9          | 0.8          | 0.7          | 0.7          | 0.2          | 0.1          | 0.0   | 0.2                  | 1000.0            |
| 87,5°    | 0.1                   | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                  | 1000.0            |
| 90,0°    | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                  | 1000.0            |

## Lichttechnischer Prüfbefund

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Familie</b><br>Streetlight 21 midi LED | <b>Bestell-Nr.: 5XE3E21G08NB</b><br><b>EAN: 4058352728338</b> | <b>LP-Nummer</b><br><b>59079_82</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                     | 19210           | 155.5                                | 162.3                              | 158.9                           |
| 95             | 241              | 252                     | 18227           | 145.2                                | 151.3                              | 148.2                           |
| 90             | 229              | 250                     | 17319           | 136.0                                | 141.7                              | 138.8                           |
| 85             | 216              | 248                     | 16336           | 126.5                                | 131.7                              | 129.1                           |
| 80             | 203              | 246                     | 15353           | 117.3                                | 122.1                              | 119.7                           |
| 75             | 190              | 243                     | 14370           | 108.3                                | 112.8                              | 110.6                           |
| 70             | 178              | 241                     | 13462           | 100.4                                | 104.4                              | 102.4                           |
| 65             | 165              | 238                     | 12479           | 91.9                                 | 95.7                               | 93.8                            |
| 60             | 152              | 235                     | 11496           | 83.6                                 | 87.0                               | 85.3                            |
| 55             | 140              | 232                     | 10588           | 76.3                                 | 79.3                               | 77.8                            |
| 50             | 127              | 229                     | 9605            | 68.5                                 | 71.3                               | 69.9                            |
| 45             | 114              | 225                     | 8622            | 61.0                                 | 63.4                               | 62.2                            |
| 40             | 102              | 221                     | 7714            | 54.1                                 | 56.3                               | 55.2                            |
| 35             | 89               | 216                     | 6731            | 46.8                                 | 48.7                               | 47.8                            |
| 30             | 76               | 210                     | 5748            | 39.7                                 | 41.2                               | 40.4                            |
| 25             | 63               | 203                     | 4765            | 32.7                                 | 33.9                               | 33.3                            |
| 20             | 51               | 195                     | 3857            | 26.6                                 | 27.6                               | 27.1                            |
| 15             | 38               | 184                     | 2874            | 20.0                                 | 20.7                               | 20.4                            |
| 10             | 25               | 169                     | 1891            | 13.6                                 | 14.0                               | 13.8                            |
| 9              | 23               | 166                     | 1739            | 12.6                                 | 13.0                               | 12.8                            |

## Dimmstufen-Tabelle

Umgebungstemperatur: 5°C

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 19210           | 150.9                                | 157.6                              | 154.2                           |
| 95             | 241              | 252                     | 18227           | 141.4                                | 147.6                              | 144.5                           |
| 90             | 229              | 250                     | 17319           | 132.9                                | 138.6                              | 135.8                           |
| 85             | 216              | 248                     | 16336           | 123.8                                | 129.1                              | 126.4                           |
| 80             | 203              | 246                     | 15353           | 115.1                                | 120.1                              | 117.6                           |
| 75             | 190              | 243                     | 14370           | 106.7                                | 111.2                              | 109.0                           |
| 70             | 178              | 241                     | 13462           | 99.0                                 | 103.2                              | 101.1                           |
| 65             | 165              | 238                     | 12479           | 90.9                                 | 94.7                               | 92.8                            |
| 60             | 152              | 235                     | 11496           | 82.9                                 | 86.4                               | 84.6                            |
| 55             | 140              | 232                     | 10588           | 75.7                                 | 78.9                               | 77.3                            |
| 50             | 127              | 229                     | 9605            | 68.2                                 | 71.0                               | 69.6                            |
| 45             | 114              | 225                     | 8622            | 60.8                                 | 63.3                               | 62.0                            |
| 40             | 102              | 221                     | 7714            | 54.0                                 | 56.3                               | 55.2                            |
| 35             | 89               | 216                     | 6731            | 46.7                                 | 48.8                               | 47.8                            |
| 30             | 76               | 210                     | 5748            | 39.7                                 | 41.3                               | 40.5                            |
| 25             | 63               | 203                     | 4765            | 32.8                                 | 34.0                               | 33.4                            |
| 20             | 51               | 195                     | 3857            | 26.6                                 | 27.6                               | 27.1                            |
| 15             | 38               | 184                     | 2874            | 20.1                                 | 20.8                               | 20.5                            |
| 10             | 25               | 169                     | 1891            | 13.7                                 | 14.2                               | 14.0                            |
| 9              | 23               | 166                     | 1739            | 12.7                                 | 13.1                               | 12.9                            |

## Lichttechnischer Prüfbefund

|  |   |                                     |
|--|---|-------------------------------------|
| <b>Familie</b><br><b>Streetlight 21 midi LED</b> | <b>Bestell-Nr.: 5XE3E21G08NB</b><br><b>EAN: 4058352728338</b> | <b>LP-Nummer</b><br><b>59079_82</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                     | 19210           | 152.8                                | 159.4                              | 156.1                           |
| 95             | 241              | 252                     | 18227           | 143.0                                | 149.0                              | 146.0                           |
| 90             | 229              | 250                     | 17319           | 134.2                                | 139.7                              | 137.0                           |
| 85             | 216              | 248                     | 16336           | 124.9                                | 130.1                              | 127.5                           |
| 80             | 203              | 246                     | 15353           | 116.0                                | 120.8                              | 118.4                           |
| 75             | 190              | 243                     | 14370           | 107.3                                | 111.7                              | 109.5                           |
| 70             | 178              | 241                     | 13462           | 99.5                                 | 103.6                              | 101.6                           |
| 65             | 165              | 238                     | 12479           | 91.3                                 | 94.9                               | 93.1                            |
| 60             | 152              | 235                     | 11496           | 83.1                                 | 86.5                               | 84.8                            |
| 55             | 140              | 232                     | 10588           | 75.9                                 | 79.0                               | 77.4                            |
| 50             | 127              | 229                     | 9605            | 68.3                                 | 71.0                               | 69.6                            |
| 45             | 114              | 225                     | 8622            | 60.8                                 | 63.2                               | 62.0                            |
| 40             | 102              | 221                     | 7714            | 54.0                                 | 56.1                               | 55.0                            |
| 35             | 89               | 216                     | 6731            | 46.7                                 | 48.6                               | 47.7                            |
| 30             | 76               | 210                     | 5748            | 39.6                                 | 41.1                               | 40.4                            |
| 25             | 63               | 203                     | 4765            | 32.7                                 | 34.0                               | 33.4                            |
| 20             | 51               | 195                     | 3857            | 26.6                                 | 27.5                               | 27.0                            |
| 15             | 38               | 184                     | 2874            | 20.0                                 | 20.8                               | 20.4                            |
| 10             | 25               | 169                     | 1891            | 13.6                                 | 14.1                               | 13.8                            |
| 9              | 23               | 166                     | 1739            | 12.6                                 | 13.0                               | 12.8                            |

**Lichttechnischer Prüfbefund****Familie**  
**Streetlight 21 midi LED****Bestell-Nr.: 5XE3E21G08NB**  
**EAN: 4058352728338****LP-Nummer**  
**59079\_82****Lichtstrom-Tabelle****sITeco**

| Temperatur<br>°C | Lichtstrom<br>lm | Systemleistung<br>W |
|------------------|------------------|---------------------|
| 25.0             | 19210.0          | 155.5               |
| 5.0              | 19210.0          | 150.9               |
| 15.0             | 19210.0          | 152.8               |