

## Lichttechnischer Prüfbefund

**Familie**  
**DL® 50 mini LED**

**Bestell-Nr.: 5XA248C41F08NE**  
**EAN: 4058352802694**

**LP-Nummer**  
**59082\_153**



|                        |  |
|------------------------|--|
| <b>Ausführung</b>      | Mastansatz- / Mastaufsatzmontage   |
| <b>Optik</b>           | asymmetrisch, breit strahlend (ST0.8a G)   |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)   |
| <b>Bestückung</b>      | LED 4000 K   CRI ≥ 70  |
| <b>Betriebsgerät</b>   | EVG SITECO iQ  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 19390 lm<br>Systemleistung = 115.8 W<br>Lichtausbeute = 167.4 lm/W |

**Seriendokumentation**  
**03.04.2023**

**siteco**

**Lichtstärke in cd/klm**

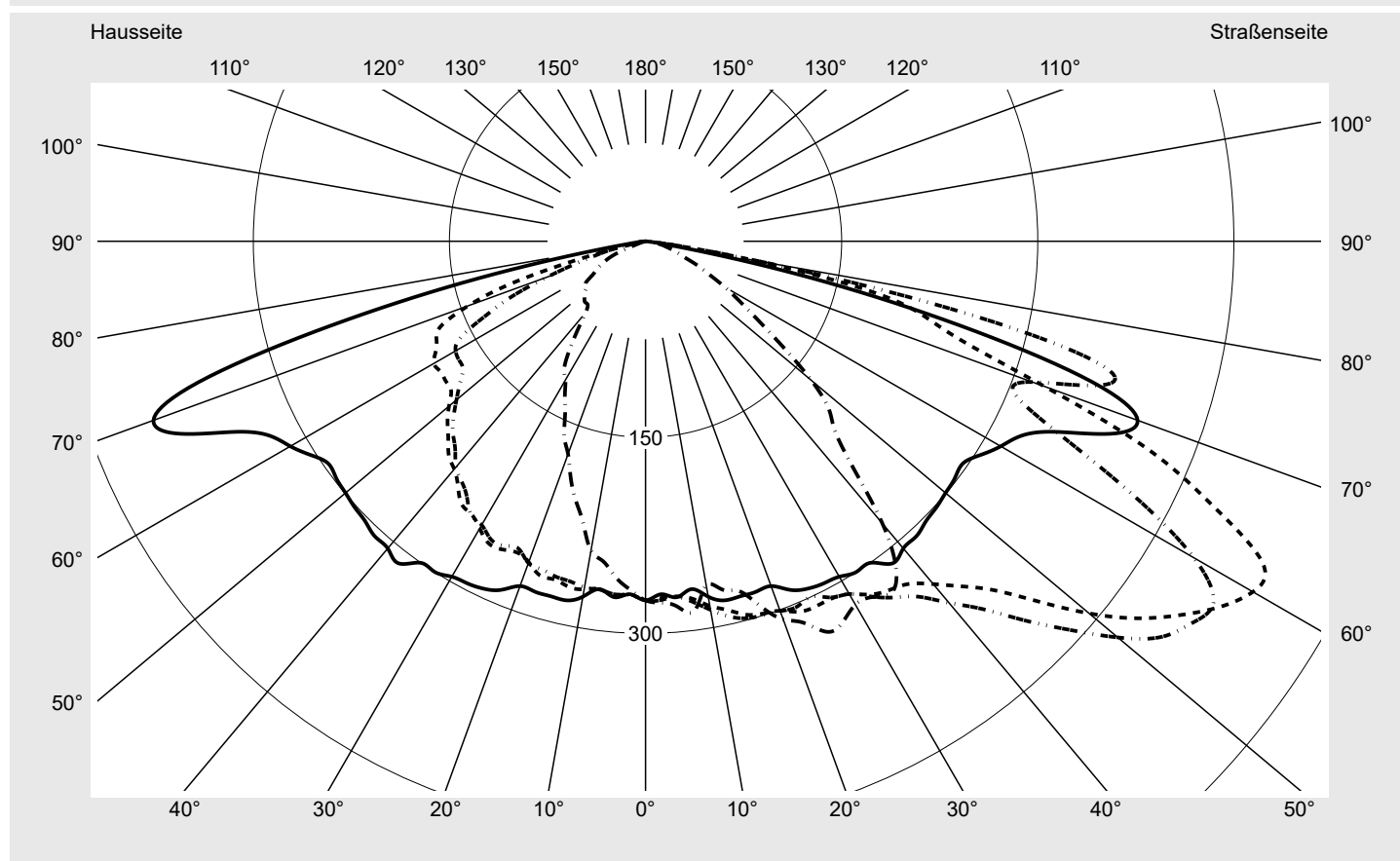
**C180-0**

**C195-15**

**C200-20**

**C270-90**

**Imax: 536 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G4    |
| Imax 70°  | 493.9 |
| Imax 80°  | 97.8  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

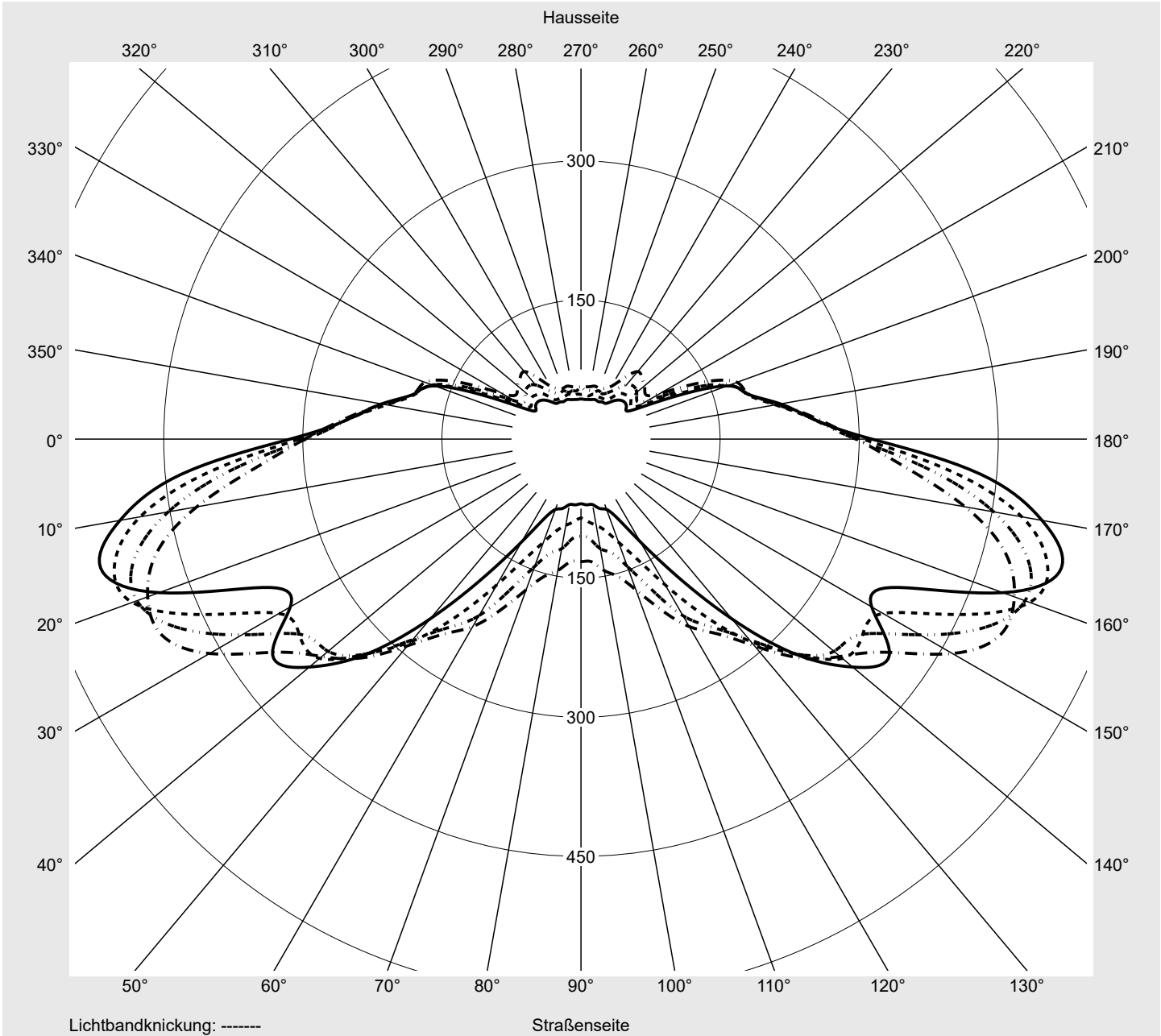
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|                                   |   |                                      |
|-----------------------------------|---|--------------------------------------|
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**Kegelmantelkurven in cd/klm**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**    **siteco**



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|  |   |                                      |
|--|---|--------------------------------------|
| <b>Familie</b><br><b>DL® 50 mini LED</b> | <b>Bestell-Nr.: 5XA248C41F08NE</b><br><b>EAN: 4058352802694</b> | <b>LP-Nummer</b><br><b>59082_153</b> |
| <b>Wertetabelle Lichtstärkemessung</b>   |   | <b>Maximale Lichtstärke</b>          |
|  |   | <b>siteco</b>                        |

| C-<br>Ebenen | 0°<br>180°            | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|--------------|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ            | Lichtstärke in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°         | 274.7                 | 274.7      | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       |
| 2,5°         | 270.3                 | 270.4      | 271.5       | 273.2       | 274.7       | 274.7       | 274.1       | 274.2       | 274.4       | 274.0       | 277.0       | 277.1       | 276.6       |
| 5,0°         | 273.4                 | 274.3      | 273.6       | 272.7       | 273.3       | 272.3       | 273.5       | 276.6       | 278.8       | 280.3       | 282.6       | 283.8       | 283.6       |
| 7,5°         | 268.4                 | 272.0      | 274.5       | 275.9       | 278.4       | 281.1       | 280.9       | 281.1       | 283.3       | 281.4       | 281.4       | 282.2       | 283.4       |
| 10,0°        | 276.1                 | 275.9      | 278.7       | 283.3       | 286.3       | 286.9       | 286.0       | 284.7       | 284.2       | 281.9       | 279.6       | 277.1       | 277.3       |
| 12,5°        | 281.3                 | 282.2      | 283.7       | 288.9       | 293.9       | 293.8       | 293.7       | 291.9       | 286.3       | 284.1       | 279.7       | 275.7       | 274.4       |
| 15,0°        | 281.1                 | 288.0      | 292.4       | 295.7       | 298.6       | 296.0       | 289.7       | 288.1       | 284.8       | 282.9       | 277.7       | 276.9       | 276.0       |
| 17,5°        | 281.1                 | 290.6      | 297.2       | 298.7       | 299.8       | 298.7       | 288.5       | 285.6       | 284.8       | 283.6       | 284.4       | 283.4       | 282.6       |
| 20,0°        | 280.7                 | 292.1      | 296.6       | 300.8       | 301.1       | 293.8       | 288.4       | 289.1       | 289.4       | 289.7       | 292.3       | 294.8       | 294.6       |
| 22,5°        | 288.7                 | 295.6      | 305.2       | 306.8       | 302.6       | 291.6       | 294.7       | 298.4       | 296.3       | 302.0       | 304.4       | 307.3       | 310.9       |
| 25,0°        | 293.3                 | 302.1      | 310.2       | 308.2       | 300.0       | 304.4       | 300.3       | 306.0       | 314.5       | 315.8       | 322.6       | 327.6       | 328.1       |
| 27,5°        | 295.1                 | 304.0      | 315.6       | 308.2       | 307.2       | 309.0       | 311.5       | 316.2       | 322.4       | 331.3       | 341.0       | 342.3       | 347.8       |
| 30,0°        | 296.3                 | 310.5      | 318.6       | 311.7       | 311.7       | 317.3       | 321.0       | 328.4       | 335.1       | 348.1       | 357.8       | 362.2       | 361.1       |
| 32,5°        | 300.0                 | 316.4      | 321.2       | 320.4       | 322.3       | 332.0       | 333.6       | 347.0       | 358.3       | 367.3       | 373.3       | 381.7       | 372.6       |
| 35,0°        | 300.3                 | 319.7      | 321.7       | 325.6       | 332.6       | 343.0       | 357.1       | 367.9       | 377.8       | 390.3       | 388.6       | 387.7       | 369.4       |
| 37,5°        | 310.5                 | 323.4      | 327.5       | 330.5       | 342.7       | 360.8       | 372.5       | 392.7       | 414.1       | 412.2       | 402.6       | 386.6       | 372.5       |
| 40,0°        | 306.7                 | 330.8      | 334.6       | 342.4       | 361.1       | 375.6       | 400.5       | 408.6       | 435.7       | 427.5       | 406.4       | 389.1       | 370.1       |
| 42,5°        | 306.3                 | 335.9      | 340.9       | 358.1       | 381.7       | 400.9       | 421.0       | 435.6       | 445.3       | 435.6       | 399.0       | 382.7       | 355.5       |
| 45,0°        | 303.2                 | 331.0      | 352.9       | 377.7       | 410.2       | 434.3       | 445.3       | 455.7       | 442.6       | 423.9       | 389.8       | 341.8       | 303.3       |
| 47,5°        | 301.6                 | 336.5      | 377.0       | 408.1       | 440.1       | 460.6       | 469.6       | 457.4       | 422.0       | 387.5       | 349.8       | 300.0       | 258.6       |
| 50,0°        | 299.6                 | 347.6      | 392.2       | 442.9       | 471.5       | 482.6       | 470.8       | 441.6       | 392.0       | 354.8       | 309.2       | 269.5       | 243.1       |
| 52,5°        | 298.1                 | 351.8      | 420.7       | 473.8       | 497.3       | 499.2       | 462.5       | 400.7       | 364.8       | 333.6       | 290.9       | 256.4       | 233.4       |
| 55,0°        | 296.4                 | 377.3      | 452.0       | 498.7       | 509.7       | 480.6       | 422.2       | 367.6       | 356.1       | 327.6       | 282.3       | 247.9       | 219.8       |
| 57,5°        | 304.1                 | 401.5      | 482.8       | 520.7       | 515.0       | 447.7       | 376.1       | 370.2       | 367.9       | 327.8       | 285.1       | 233.0       | 181.5       |
| 60,0°        | 313.7                 | 432.1      | 504.8       | 536.4       | 484.2       | 378.6       | 362.0       | 406.0       | 382.5       | 328.5       | 253.1       | 180.4       | 127.9       |
| 62,5°        | 323.0                 | 454.5      | 522.9       | 531.9       | 420.3       | 344.5       | 406.4       | 437.2       | 400.9       | 298.6       | 180.8       | 103.7       | 72.0        |
| 65,0°        | 344.9                 | 474.6      | 534.2       | 478.7       | 349.3       | 355.5       | 461.5       | 463.3       | 369.4       | 197.1       | 86.0        | 60.4        | 50.6        |
| 67,5°        | 384.9                 | 502.1      | 523.3       | 416.2       | 305.9       | 418.2       | 501.2       | 453.1       | 243.9       | 95.6        | 57.8        | 47.3        | 41.7        |
| 70,0°        | 400.5                 | 466.7      | 464.5       | 324.8       | 314.9       | 493.9       | 484.0       | 328.4       | 125.6       | 60.9        | 45.2        | 38.8        | 34.8        |
| 72,5°        | 358.5                 | 358.7      | 351.8       | 254.6       | 365.9       | 485.2       | 394.2       | 184.1       | 76.3        | 45.4        | 33.5        | 30.2        | 27.1        |
| 75,0°        | 248.8                 | 218.0      | 225.7       | 220.3       | 356.9       | 392.4       | 267.8       | 98.5        | 34.6        | 31.5        | 29.4        | 24.9        | 21.7        |
| 77,5°        | 130.6                 | 113.0      | 145.7       | 175.3       | 240.1       | 233.3       | 127.5       | 42.6        | 21.2        | 23.4        | 23.0        | 16.7        | 15.6        |
| 80,0°        | 34.5                  | 28.3       | 60.6        | 84.1        | 88.8        | 97.8        | 40.6        | 17.8        | 14.2        | 16.4        | 14.0        | 11.1        | 11.6        |
| 82,5°        | 7.5                   | 5.6        | 9.8         | 16.6        | 21.5        | 20.4        | 10.9        | 7.9         | 8.8         | 8.6         | 8.9         | 5.8         | 7.0         |
| 85,0°        | 1.1                   | 1.2        | 1.1         | 1.3         | 1.4         | 1.9         | 2.3         | 2.1         | 2.2         | 2.7         | 3.5         | 2.8         | 2.3         |
| 87,5°        | 0.3                   | 0.3        | 0.3         | 0.3         | 0.4         | 0.4         | 0.5         | 0.6         | 0.6         | 0.7         | 0.8         | 0.6         | 0.5         |
| 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°         | 274.7                 | 274.7       | 274.7       | 274.7       | 274.7      | 274.7 | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        |
| 2,5°         | 277.3                 | 277.3       | 277.6       | 276.6       | 277.0      | 276.8 | 270.8        | 271.1        | 270.4        | 270.8        | 270.2        | 268.3        | 267.7        |
| 5,0°         | 281.9                 | 281.9       | 278.2       | 280.1       | 281.1      | 280.6 | 273.6        | 273.0        | 271.7        | 271.1        | 269.1        | 268.2        | 265.4        |
| 7,5°         | 283.5                 | 282.9       | 281.4       | 281.0       | 282.1      | 285.4 | 268.8        | 268.8        | 268.5        | 268.8        | 266.7        | 267.0        | 264.4        |
| 10,0°        | 279.2                 | 274.9       | 270.8       | 268.5       | 269.2      | 267.3 | 274.9        | 272.6        | 270.4        | 268.7        | 265.5        | 260.5        | 259.1        |
| 12,5°        | 272.1                 | 272.1       | 273.6       | 269.2       | 269.2      | 273.1 | 277.7        | 274.5        | 270.9        | 266.6        | 261.3        | 260.1        | 257.8        |
| 15,0°        | 276.2                 | 274.6       | 273.2       | 280.0       | 279.6      | 277.2 | 274.9        | 270.0        | 268.0        | 265.6        | 261.1        | 253.1        | 248.9        |
| 17,5°        | 285.8                 | 287.0       | 285.3       | 286.6       | 289.2      | 292.9 | 272.7        | 272.3        | 268.1        | 263.3        | 259.7        | 253.3        | 247.5        |
| 20,0°        | 299.1                 | 299.4       | 301.3       | 300.1       | 304.9      | 307.8 | 276.8        | 266.0        | 261.2        | 262.0        | 255.9        | 246.8        | 236.8        |
| 22,5°        | 313.3                 | 316.0       | 319.4       | 316.6       | 317.2      | 315.9 | 280.7        | 268.4        | 257.6        | 254.4        | 250.0        | 238.1        | 227.3        |
| 25,0°        | 332.9                 | 331.7       | 329.1       | 327.2       | 327.4      | 329.8 | 278.2        | 269.4        | 260.1        | 257.0        | 246.4        | 228.9        | 216.0        |
| 27,5°        | 347.9                 | 343.4       | 339.0       | 334.3       | 330.1      | 327.7 | 279.9        | 264.3        | 260.3        | 256.8        | 239.8        | 225.1        | 209.4        |
| 30,0°        | 360.9                 | 348.0       | 335.3       | 330.2       | 324.7      | 321.0 | 279.0        | 262.4        | 253.7        | 250.7        | 238.4        | 217.0        | 198.0        |
| 32,5°        | 362.6                 | 347.1       | 334.4       | 330.4       | 326.1      | 322.8 | 284.1        | 262.1        | 247.8        | 248.2        | 226.8        | 210.6        | 193.3        |
| 35,0°        | 356.8                 | 346.6       | 334.7       | 336.8       | 328.1      | 328.1 | 280.8        | 258.0        | 245.4        | 238.4        | 219.8        | 203.2        | 186.8        |
| 37,5°        | 357.5                 | 341.5       | 333.2       | 324.9       | 314.7      | 314.6 | 279.2        | 255.9        | 235.7        | 231.4        | 214.7        | 193.6        | 178.6        |
| 40,0°        | 343.5                 | 323.7       | 301.8       | 292.7       | 285.0      | 281.8 | 278.8        | 246.9        | 227.6        | 225.6        | 204.9        | 186.4        | 162.2        |
| 42,5°        | 311.3                 | 283.7       | 259.6       | 245.5       | 240.5      | 235.1 | 275.8        | 245.2        | 222.6        | 215.5        | 197.8        | 175.8        | 147.6        |
| 45,0°        | 263.6                 | 240.0       | 225.9       | 210.9       | 205.5      | 204.7 | 269.5        | 235.2        | 213.4        | 208.3        | 188.9        | 160.6        | 131.2        |
| 47,5°        | 233.5                 | 212.2       | 205.2       | 196.9       | 185.3      | 190.2 | 264.3        | 230.8        | 205.4        | 199.3        | 173.8        | 140.3        | 115.6        |
| 50,0°        | 214.5                 | 200.5       | 186.8       | 176.0       | 167.7      | 165.6 | 259.0        | 220.9        | 196.2        | 188.8        | 159.4        | 120.1        | 101.4        |
| 52,5°        | 202.4                 | 173.0       | 153.3       | 144.0       | 132.9      | 132.1 | 254.9        | 217.3        | 187.5        | 179.0        | 145.3        | 98.1         | 84.8         |
| 55,0°        | 178.1                 | 146.2       | 127.0       | 120.0       | 107.8      | 104.8 | 250.8        | 214.4        | 186.5        | 170.5        | 129.2        | 82.5         | 73.4         |
| 57,5°        | 142.5                 | 118.4       | 102.4       | 94.4        | 89.3       | 85.3  | 251.0        | 212.9        | 185.8        | 169.2        | 115.7        | 71.1         | 65.4         |
| 60,0°        | 95.2                  | 80.8        | 77.5        | 71.8        | 71.2       | 69.8  | 251.1        | 218.4        | 187.0        | 167.7        | 103.8        | 61.3         | 59.6         |
| 62,5°        | 58.0                  | 54.8        | 52.2        | 54.7        | 53.3       | 54.6  | 253.1        | 214.1        | 180.6        | 159.5        | 93.9         | 56.2         | 53.4         |
| 65,0°        | 44.4                  | 44.5        | 46.9        | 43.2        | 43.6       | 44.1  | 259.8        | 218.3        | 176.5        | 135.3        | 87.7         | 51.0         | 49.2         |
| 67,5°        | 38.9                  | 35.1        | 35.0        | 34.1        | 33.4       | 32.4  | 277.4        | 228.7        | 169.2        | 111.0        | 72.7         | 44.8         | 40.8         |
| 70,0°        | 31.2                  | 27.0        | 26.8        | 26.1        | 26.1       | 26.6  | 284.4        | 224.8        | 144.3        | 80.0         | 58.1         | 39.0         | 36.7         |
| 72,5°        | 24.4                  | 22.5        | 22.5        | 20.4        | 21.1       | 21.5  | 265.5        | 198.7        | 107.9        | 53.5         | 43.1         | 34.7         | 32.8         |
| 75,0°        | 18.8                  | 17.1        | 17.9        | 17.0        | 16.6       | 16.3  | 204.9        | 133.2        | 50.6         | 34.4         | 32.4         | 29.0         | 26.8         |
| 77,5°        | 14.7                  | 13.5        | 12.8        | 12.5        | 12.8       | 12.8  | 119.2        | 54.2         | 11.6         | 23.6         | 21.2         | 18.0         | 18.4         |
| 80,0°        | 10.6                  | 10.1        | 9.1         | 8.6         | 8.6        | 8.1   | 33.5         | 11.1         | 7.6          | 13.9         | 11.9         | 10.5         | 10.2         |
| 82,5°        | 7.3                   | 6.2         | 6.1         | 5.6         | 4.9        | 5.4   | 5.5          | 2.7          | 2.8          | 3.8          | 4.3          | 3.5          | 2.3          |
| 85,0°        | 3.5                   | 3.6         | 2.8         | 2.5         | 2.0        | 2.1   | 1.1          | 1.0          | 0.9          | 0.9          | 0.8          | 0.7          | 0.4          |
| 87,5°        | 0.7                   | 0.6         | 0.5         | 0.5         | 0.4        | 0.4   | 0.3          | 0.2          | 0.2          | 0.2          | 0.2          | 0.1          | 0.0          |
| 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          |

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

| C-<br>Ebenen | 220°<br>320°          | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |       | Lichtstrom in lm/klm |                   |
| 0,0°         | 274.7                 | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7 | 0.4                  | 0.4               |
| 2,5°         | 266.9                 | 268.1        | 268.2        | 268.7        | 268.5        | 267.1        | 267.0        | 267.7        | 267.4        | 266.6        | 267.0 | 3.3                  | 3.7               |
| 5,0°         | 263.6                 | 262.9        | 262.0        | 260.1        | 259.5        | 259.0        | 256.6        | 256.8        | 259.2        | 257.8        | 258.3 | 6.5                  | 10.1              |
| 7,5°         | 260.8                 | 257.0        | 250.7        | 249.7        | 247.6        | 246.8        | 246.7        | 245.8        | 245.3        | 247.7        | 247.1 | 9.6                  | 19.8              |
| 10,0°        | 252.8                 | 249.3        | 247.8        | 246.7        | 248.4        | 244.5        | 243.4        | 240.2        | 241.8        | 240.9        | 240.4 | 12.7                 | 32.4              |
| 12,5°        | 253.4                 | 252.4        | 245.5        | 238.4        | 237.7        | 235.4        | 233.8        | 229.5        | 224.3        | 224.0        | 220.7 | 15.7                 | 48.2              |
| 15,0°        | 244.8                 | 237.8        | 231.9        | 225.9        | 220.6        | 215.3        | 208.8        | 208.3        | 207.9        | 205.7        | 205.7 | 18.5                 | 66.7              |
| 17,5°        | 234.5                 | 223.9        | 215.9        | 208.8        | 204.9        | 202.3        | 197.0        | 195.4        | 195.9        | 193.7        | 190.2 | 21.4                 | 88.1              |
| 20,0°        | 225.2                 | 218.0        | 205.4        | 199.6        | 193.3        | 189.7        | 186.4        | 179.5        | 178.4        | 175.2        | 173.3 | 24.2                 | 112.4             |
| 22,5°        | 216.7                 | 204.6        | 199.4        | 191.6        | 182.0        | 178.9        | 173.7        | 168.4        | 165.9        | 162.8        | 162.3 | 27.2                 | 139.6             |
| 25,0°        | 204.9                 | 195.2        | 187.0        | 178.8        | 174.1        | 164.7        | 158.3        | 153.2        | 148.3        | 147.1        | 145.5 | 30.2                 | 169.8             |
| 27,5°        | 196.3                 | 186.4        | 178.9        | 166.9        | 161.7        | 149.4        | 143.4        | 139.0        | 134.8        | 135.6        | 133.7 | 33.1                 | 202.9             |
| 30,0°        | 190.9                 | 177.5        | 163.1        | 156.2        | 146.5        | 137.9        | 134.3        | 127.6        | 124.1        | 121.6        | 122.6 | 35.7                 | 238.6             |
| 32,5°        | 181.0                 | 165.6        | 154.2        | 144.9        | 134.1        | 130.0        | 128.2        | 124.1        | 121.8        | 116.9        | 115.9 | 38.6                 | 277.2             |
| 35,0°        | 167.7                 | 157.4        | 146.1        | 134.8        | 131.4        | 126.8        | 124.8        | 120.5        | 110.3        | 104.9        | 101.4 | 41.3                 | 318.5             |
| 37,5°        | 156.7                 | 145.7        | 133.9        | 129.2        | 129.2        | 125.7        | 115.5        | 103.4        | 94.2         | 86.0         | 85.0  | 43.7                 | 362.2             |
| 40,0°        | 146.9                 | 134.3        | 126.9        | 126.3        | 125.9        | 115.4        | 98.8         | 88.6         | 77.3         | 72.8         | 71.3  | 45.3                 | 407.5             |
| 42,5°        | 136.5                 | 122.6        | 122.7        | 123.6        | 114.3        | 99.3         | 84.3         | 75.2         | 69.8         | 69.3         | 65.6  | 46.2                 | 453.8             |
| 45,0°        | 120.9                 | 117.7        | 119.9        | 119.0        | 104.2        | 85.2         | 72.0         | 67.4         | 65.3         | 64.5         | 65.6  | 46.5                 | 500.3             |
| 47,5°        | 109.1                 | 110.0        | 113.2        | 107.7        | 88.8         | 73.6         | 66.8         | 64.8         | 64.8         | 63.5         | 63.4  | 46.7                 | 547.0             |
| 50,0°        | 97.5                  | 101.6        | 105.2        | 92.5         | 74.5         | 65.6         | 61.9         | 61.6         | 59.1         | 61.3         | 61.0  | 46.7                 | 593.7             |
| 52,5°        | 89.6                  | 92.9         | 95.0         | 80.0         | 65.9         | 60.3         | 58.1         | 59.1         | 57.5         | 56.6         | 56.1  | 46.3                 | 640.0             |
| 55,0°        | 78.3                  | 80.4         | 76.2         | 65.5         | 57.9         | 54.0         | 55.5         | 52.2         | 52.9         | 52.4         | 56.0  | 45.7                 | 685.7             |
| 57,5°        | 69.5                  | 67.7         | 63.9         | 52.8         | 49.8         | 49.5         | 49.4         | 50.2         | 47.3         | 48.6         | 48.1  | 45.3                 | 730.9             |
| 60,0°        | 61.6                  | 59.4         | 53.6         | 47.0         | 46.1         | 44.6         | 45.2         | 44.1         | 43.4         | 43.0         | 43.3  | 44.1                 | 775.0             |
| 62,5°        | 55.6                  | 50.3         | 44.1         | 41.3         | 40.6         | 40.9         | 40.9         | 39.6         | 40.9         | 39.1         | 37.9  | 42.3                 | 817.3             |
| 65,0°        | 46.5                  | 42.0         | 38.0         | 35.8         | 35.8         | 36.1         | 35.5         | 33.9         | 31.7         | 32.0         | 31.7  | 40.2                 | 857.5             |
| 67,5°        | 39.5                  | 36.1         | 31.5         | 29.7         | 29.9         | 29.1         | 27.9         | 25.5         | 23.3         | 22.3         | 22.6  | 38.2                 | 895.8             |
| 70,0°        | 34.2                  | 29.3         | 27.2         | 25.7         | 24.5         | 22.3         | 19.1         | 14.7         | 12.3         | 10.1         | 9.4   | 34.5                 | 930.3             |
| 72,5°        | 27.0                  | 24.4         | 22.8         | 20.1         | 17.7         | 12.1         | 9.4          | 6.3          | 4.4          | 4.3          | 4.3   | 28.9                 | 959.1             |
| 75,0°        | 21.4                  | 18.1         | 16.5         | 13.1         | 8.9          | 5.4          | 3.9          | 2.7          | 2.0          | 1.9          | 2.4   | 21.1                 | 980.3             |
| 77,5°        | 15.3                  | 10.9         | 8.3          | 5.4          | 3.5          | 2.1          | 1.3          | 1.0          | 0.9          | 1.0          | 1.4   | 12.6                 | 992.9             |
| 80,0°        | 7.1                   | 3.9          | 2.2          | 1.4          | 0.8          | 0.5          | 0.4          | 0.4          | 0.3          | 0.4          | 0.4   | 5.2                  | 998.0             |
| 82,5°        | 1.4                   | 0.6          | 0.3          | 0.2          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2   | 1.5                  | 999.6             |
| 85,0°        | 0.2                   | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.4                  | 999.9             |
| 87,5°        | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                  | 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>DL® 50 mini LED | <b>Bestell-Nr.: 5XA248C41F08NE</b><br><b>EAN: 4058352802694</b> | <b>LP-Nummer</b><br><b>59082_153</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                     | 19390           | 115.8                                | 127.1                              | 121.4                           |
| 95             | 241              | 252                     | 18398           | 108.5                                | 118.9                              | 113.7                           |
| 90             | 229              | 250                     | 17482           | 102.0                                | 111.7                              | 106.8                           |
| 85             | 216              | 248                     | 16489           | 95.2                                 | 104.2                              | 99.7                            |
| 80             | 203              | 246                     | 15497           | 88.5                                 | 97.0                               | 92.8                            |
| 75             | 190              | 243                     | 14504           | 82.1                                 | 89.8                               | 85.9                            |
| 70             | 178              | 241                     | 13588           | 76.3                                 | 83.4                               | 79.8                            |
| 65             | 165              | 238                     | 12596           | 70.2                                 | 76.7                               | 73.4                            |
| 60             | 152              | 235                     | 11603           | 64.1                                 | 70.1                               | 67.1                            |
| 55             | 140              | 232                     | 10687           | 58.8                                 | 64.1                               | 61.4                            |
| 50             | 127              | 229                     | 9695            | 53.0                                 | 57.8                               | 55.4                            |
| 45             | 114              | 225                     | 8703            | 47.3                                 | 51.6                               | 49.4                            |
| 40             | 102              | 221                     | 7787            | 42.0                                 | 45.9                               | 44.0                            |
| 35             | 89               | 216                     | 6794            | 36.5                                 | 39.8                               | 38.2                            |
| 30             | 76               | 210                     | 5802            | 31.1                                 | 33.8                               | 32.4                            |
| 25             | 63               | 203                     | 4809            | 25.8                                 | 28.1                               | 27.0                            |
| 20             | 51               | 195                     | 3893            | 21.1                                 | 22.8                               | 22.0                            |
| 15             | 38               | 184                     | 2901            | 16.1                                 | 17.4                               | 16.8                            |
| 13             | 32               | 178                     | 2443            | 13.8                                 | 14.8                               | 14.3                            |