

## Lichttechnischer Prüfbefund

**Familie**  
**DL® 50 mini LED**

**Bestell-Nr.: 5XA248W31F08RE**  
**EAN: 4058352804131**

**LP-Nummer**  
**59398\_14**



|                        |  |
|------------------------|--|
| <b>Ausführung</b>      | Seil-Montage   |
| <b>Optik</b>           | direkt, symmetrisch breit strahlend<br>S100004                                     |
| <b>Abdeckung</b>       | Einscheibensicherheitsglas (ESG)   |
| <b>Bestückung</b>      | LED 3000 K   CRI ≥ 70  |
| <b>Betriebsgerät</b>   | EVG SITECO iQ  |
| <b>Bemessungswerte</b> | Nettolichtstrom = 6000 lm<br>Systemleistung = 35.4 W<br>Lichtausbeute = 169.5 lm/W |

**Seriendokumentation**  
**03.04.2023**

**siteco**

**Lichtstärke in cd/klm**

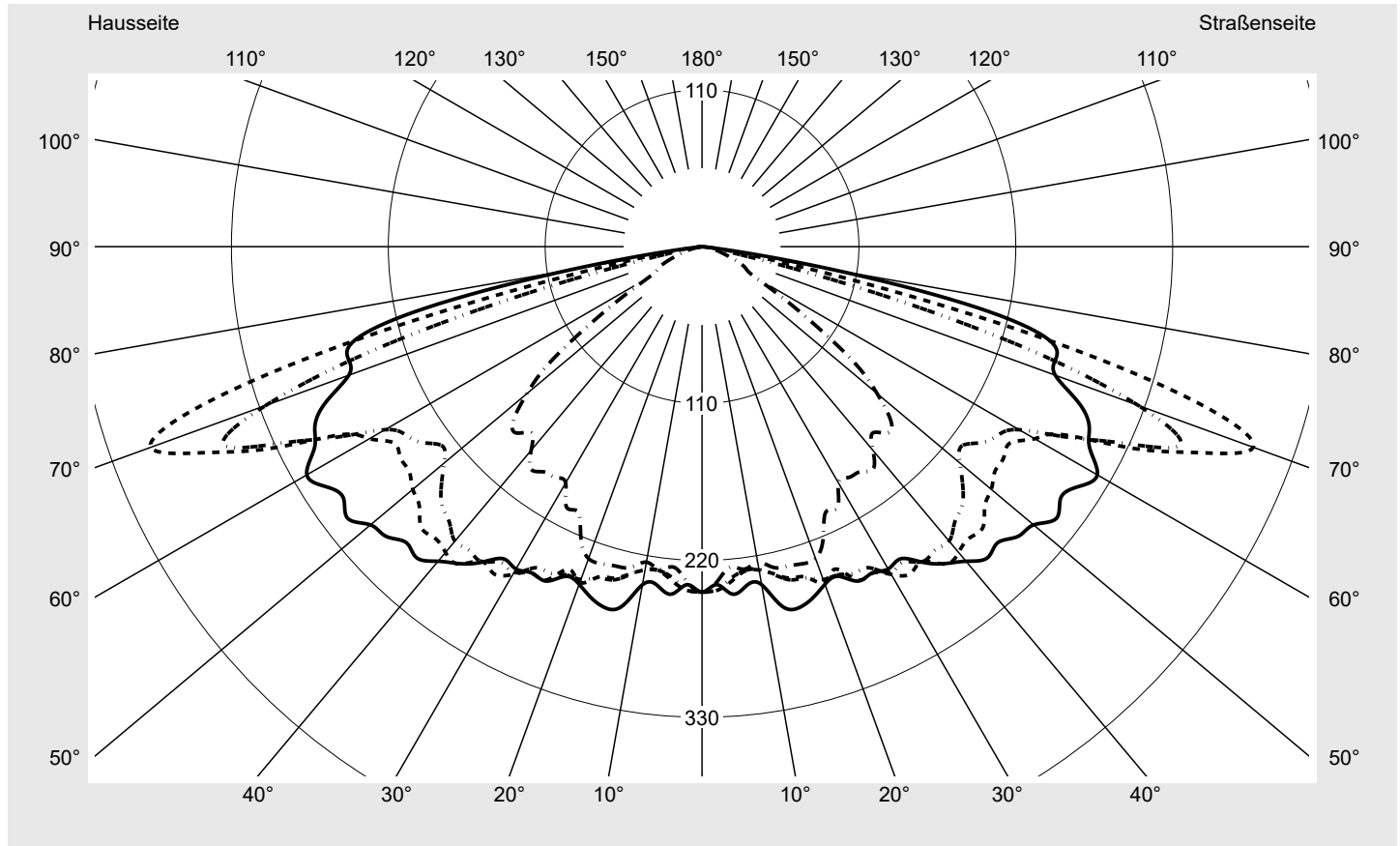
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 411 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | G4    |
| Imax 70°  | 411.4 |
| Imax 80°  | 95.1  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

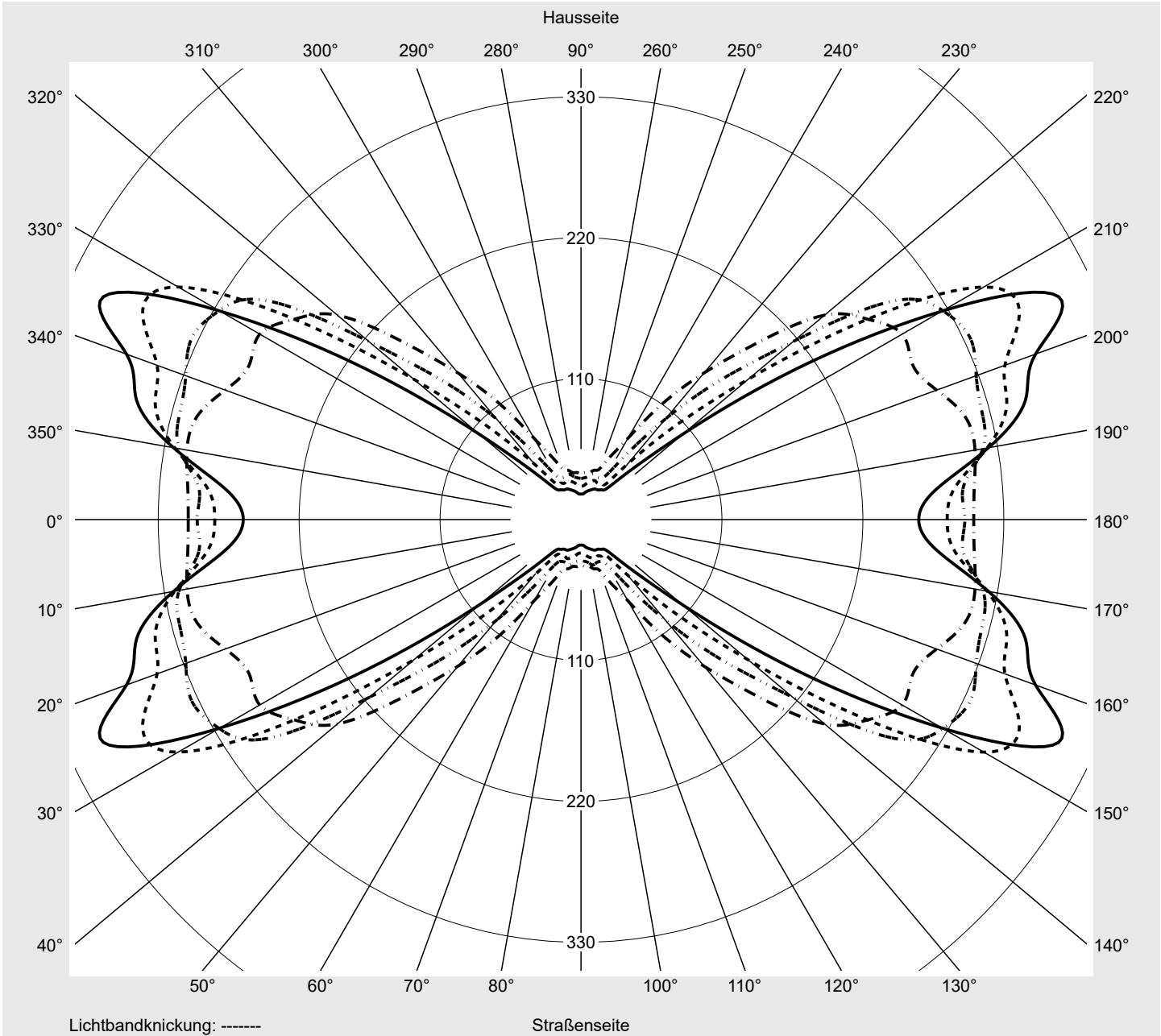
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

|  |   |                                     |
|--|---|-------------------------------------|
| <b>Familie</b><br><b>DL® 50 mini LED</b> | <b>Bestell-Nr.: 5XA248W31F08RE</b><br><b>EAN: 4058352804131</b> | <b>LP-Nummer</b><br><b>59398_14</b> |
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**Kegelmantelkurven in cd/klm**    **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **siteco**



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|  |   |                                     |
|--|---|-------------------------------------|
| <b>Familie</b><br><b>DL® 50 mini LED</b> | <b>Bestell-Nr.: 5XA248W31F08RE</b><br><b>EAN: 4058352804131</b> | <b>LP-Nummer</b><br><b>59398_14</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°         | 242.2                 | 242.2      | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       |
| 2,5°         | 237.2                 | 238.8      | 239.3       | 239.2       | 239.9       | 241.2       | 240.6       | 240.8       | 241.4       | 240.6       | 238.9       | 237.8       | 237.8       |
| 5,0°         | 244.6                 | 241.4      | 240.2       | 237.3       | 236.1       | 235.6       | 233.4       | 231.4       | 230.5       | 230.7       | 228.2       | 228.5       | 226.9       |
| 7,5°         | 239.7                 | 239.5      | 240.1       | 235.6       | 230.3       | 229.5       | 229.2       | 225.4       | 225.6       | 225.9       | 225.4       | 227.1       | 225.1       |
| 10,0°        | 240.7                 | 240.9      | 240.7       | 237.0       | 232.9       | 230.3       | 229.8       | 230.5       | 226.7       | 226.6       | 227.4       | 229.7       | 229.2       |
| 12,5°        | 258.0                 | 251.4      | 239.6       | 234.1       | 232.4       | 235.2       | 235.7       | 235.9       | 233.6       | 234.4       | 232.0       | 232.6       | 231.2       |
| 15,0°        | 262.2                 | 250.4      | 240.5       | 240.5       | 239.4       | 240.7       | 241.9       | 238.0       | 237.7       | 239.0       | 237.6       | 234.9       | 234.8       |
| 17,5°        | 258.3                 | 253.0      | 242.6       | 241.9       | 244.5       | 243.0       | 243.5       | 237.8       | 239.0       | 239.5       | 238.9       | 236.1       | 238.6       |
| 20,0°        | 251.9                 | 251.7      | 247.9       | 246.2       | 247.7       | 250.6       | 248.4       | 247.3       | 244.0       | 239.5       | 241.1       | 238.3       | 236.1       |
| 22,5°        | 250.2                 | 255.3      | 250.1       | 252.0       | 251.1       | 244.7       | 249.1       | 247.1       | 248.1       | 247.7       | 235.9       | 233.3       | 230.7       |
| 25,0°        | 258.8                 | 257.1      | 258.5       | 256.3       | 253.3       | 257.8       | 252.5       | 254.0       | 249.6       | 244.1       | 237.2       | 232.2       | 232.3       |
| 27,5°        | 258.1                 | 256.5      | 263.2       | 259.5       | 259.5       | 258.2       | 253.9       | 256.2       | 251.7       | 239.8       | 233.2       | 229.8       | 227.8       |
| 30,0°        | 261.0                 | 262.4      | 270.3       | 263.6       | 265.2       | 265.4       | 263.9       | 258.9       | 247.1       | 240.8       | 234.7       | 231.8       | 223.5       |
| 32,5°        | 259.5                 | 269.3      | 271.6       | 271.6       | 269.8       | 271.9       | 262.4       | 260.2       | 247.0       | 244.5       | 238.0       | 221.6       | 215.1       |
| 35,0°        | 270.2                 | 271.5      | 277.7       | 274.8       | 276.3       | 269.4       | 269.7       | 256.6       | 244.8       | 241.8       | 231.1       | 224.2       | 215.4       |
| 37,5°        | 280.1                 | 278.2      | 282.9       | 283.0       | 277.8       | 280.5       | 268.3       | 250.9       | 240.6       | 237.6       | 227.8       | 218.9       | 216.9       |
| 40,0°        | 288.0                 | 287.7      | 283.7       | 284.7       | 284.3       | 279.9       | 269.6       | 249.3       | 243.8       | 233.3       | 222.4       | 225.7       | 216.8       |
| 42,5°        | 296.1                 | 291.5      | 287.5       | 295.3       | 291.2       | 277.3       | 262.2       | 243.9       | 239.3       | 228.4       | 226.9       | 220.5       | 217.6       |
| 45,0°        | 293.4                 | 298.8      | 291.6       | 294.0       | 289.4       | 278.5       | 257.7       | 237.7       | 232.5       | 235.6       | 229.6       | 227.2       | 218.7       |
| 47,5°        | 300.6                 | 298.4      | 297.6       | 302.8       | 292.3       | 268.9       | 248.0       | 237.2       | 231.6       | 238.0       | 233.9       | 219.4       | 210.6       |
| 50,0°        | 303.5                 | 301.8      | 294.9       | 296.2       | 291.7       | 264.8       | 236.1       | 229.1       | 235.5       | 235.4       | 227.4       | 211.0       | 203.7       |
| 52,5°        | 313.1                 | 306.4      | 297.9       | 293.8       | 282.3       | 258.9       | 229.6       | 232.4       | 238.8       | 238.4       | 223.0       | 204.0       | 193.8       |
| 55,0°        | 307.1                 | 309.6      | 303.0       | 293.1       | 276.4       | 258.2       | 239.5       | 242.7       | 237.6       | 226.6       | 215.3       | 201.3       | 182.8       |
| 57,5°        | 313.1                 | 310.7      | 306.8       | 291.4       | 269.9       | 256.2       | 246.1       | 247.7       | 241.0       | 221.4       | 213.5       | 184.7       | 154.5       |
| 60,0°        | 320.0                 | 316.0      | 306.0       | 294.2       | 273.9       | 269.4       | 256.7       | 259.9       | 244.6       | 223.8       | 186.2       | 149.8       | 120.5       |
| 62,5°        | 306.5                 | 308.2      | 312.3       | 310.4       | 295.5       | 285.6       | 289.5       | 272.8       | 248.2       | 195.5       | 149.4       | 109.6       | 73.2        |
| 65,0°        | 299.6                 | 299.7      | 318.5       | 324.0       | 328.3       | 335.2       | 326.1       | 297.5       | 216.1       | 154.1       | 102.4       | 62.6        | 40.7        |
| 67,5°        | 285.8                 | 293.3      | 321.9       | 344.0       | 352.1       | 377.5       | 363.0       | 272.0       | 170.4       | 101.8       | 56.5        | 34.1        | 32.7        |
| 70,0°        | 263.6                 | 279.1      | 322.9       | 359.1       | 377.5       | 411.4       | 325.6       | 204.8       | 103.6       | 53.3        | 32.1        | 28.3        | 26.7        |
| 72,5°        | 260.2                 | 275.7      | 322.3       | 347.2       | 375.3       | 364.9       | 242.0       | 112.7       | 53.4        | 31.2        | 25.3        | 24.3        | 21.6        |
| 75,0°        | 251.4                 | 265.8      | 278.0       | 285.9       | 301.8       | 245.3       | 128.4       | 47.3        | 27.7        | 22.4        | 20.0        | 19.1        | 16.8        |
| 77,5°        | 197.9                 | 175.8      | 144.1       | 149.6       | 149.5       | 108.1       | 39.8        | 20.4        | 16.2        | 15.7        | 15.3        | 13.4        | 11.5        |
| 80,0°        | 95.1                  | 62.5       | 44.4        | 47.7        | 50.8        | 36.7        | 13.5        | 10.8        | 8.9         | 8.8         | 10.7        | 7.7         | 7.1         |
| 82,5°        | 19.9                  | 11.3       | 7.0         | 9.6         | 15.5        | 10.3        | 5.6         | 6.2         | 4.3         | 3.5         | 4.0         | 4.1         | 4.1         |
| 85,0°        | 1.2                   | 1.2        | 1.3         | 1.2         | 1.4         | 1.4         | 1.5         | 1.4         | 1.4         | 1.2         | 1.2         | 1.1         | 1.1         |
| 87,5°        | 0.3                   | 0.3        | 0.3         | 0.3         | 0.4         | 0.3         | 0.3         | 0.3         | 0.3         | 0.2         | 0.2         | 0.2         | 0.2         |
| 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°         | 242.2                 | 242.2       | 242.2       | 242.2       | 242.2      | 242.2 | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        |
| 2,5°         | 237.6                 | 237.2       | 238.4       | 236.8       | 236.6      | 235.5 | 238.8        | 239.3        | 239.2        | 239.9        | 241.2        | 240.6        | 240.8        |
| 5,0°         | 225.5                 | 223.4       | 223.5       | 224.4       | 224.8      | 225.6 | 241.4        | 240.2        | 237.3        | 236.1        | 235.6        | 233.4        | 231.4        |
| 7,5°         | 224.0                 | 222.3       | 222.8       | 225.7       | 224.9      | 228.1 | 239.5        | 240.1        | 235.6        | 230.3        | 229.5        | 229.2        | 225.4        |
| 10,0°        | 227.7                 | 225.8       | 224.1       | 224.7       | 223.8      | 224.6 | 240.9        | 240.7        | 237.0        | 232.9        | 230.3        | 229.8        | 230.5        |
| 12,5°        | 231.2                 | 231.4       | 229.8       | 229.8       | 229.6      | 230.4 | 251.4        | 239.6        | 234.1        | 232.4        | 235.2        | 235.7        | 235.9        |
| 15,0°        | 230.0                 | 230.3       | 232.1       | 235.2       | 232.2      | 232.0 | 250.4        | 240.5        | 240.5        | 239.4        | 240.7        | 241.9        | 238.0        |
| 17,5°        | 237.7                 | 232.4       | 229.1       | 230.6       | 232.7      | 233.2 | 253.0        | 242.6        | 241.9        | 244.5        | 243.0        | 243.5        | 237.8        |
| 20,0°        | 232.3                 | 229.1       | 229.0       | 222.8       | 224.5      | 232.7 | 251.7        | 247.9        | 246.2        | 247.7        | 250.6        | 248.4        | 247.3        |
| 22,5°        | 227.4                 | 224.4       | 223.2       | 217.3       | 219.8      | 221.9 | 255.3        | 250.1        | 252.0        | 251.1        | 244.7        | 249.1        | 247.1        |
| 25,0°        | 229.1                 | 225.8       | 217.2       | 216.6       | 211.4      | 205.4 | 257.1        | 258.5        | 256.3        | 253.3        | 257.8        | 252.5        | 254.0        |
| 27,5°        | 221.2                 | 221.3       | 210.3       | 205.3       | 201.2      | 205.9 | 256.5        | 263.2        | 259.5        | 259.5        | 258.2        | 253.9        | 256.2        |
| 30,0°        | 219.6                 | 203.8       | 203.4       | 198.5       | 195.7      | 191.2 | 262.4        | 270.3        | 263.6        | 265.2        | 265.4        | 263.9        | 258.9        |
| 32,5°        | 213.1                 | 203.8       | 198.3       | 195.7       | 194.0      | 191.8 | 269.3        | 271.6        | 271.6        | 269.8        | 271.9        | 262.4        | 260.2        |
| 35,0°        | 208.0                 | 203.1       | 202.6       | 196.4       | 199.0      | 192.9 | 271.5        | 277.7        | 274.8        | 276.3        | 269.4        | 269.7        | 256.6        |
| 37,5°        | 214.0                 | 207.7       | 201.2       | 204.7       | 194.8      | 196.9 | 278.2        | 282.9        | 283.0        | 277.8        | 280.5        | 268.3        | 250.9        |
| 40,0°        | 214.8                 | 205.4       | 199.6       | 193.5       | 195.0      | 186.4 | 287.7        | 283.7        | 284.7        | 284.3        | 279.9        | 269.6        | 249.3        |
| 42,5°        | 212.5                 | 197.8       | 193.6       | 191.5       | 186.2      | 177.2 | 291.5        | 287.5        | 295.3        | 291.2        | 277.3        | 262.2        | 243.9        |
| 45,0°        | 204.2                 | 194.8       | 190.2       | 187.3       | 183.5      | 184.7 | 298.8        | 291.6        | 294.0        | 289.4        | 278.5        | 257.7        | 237.7        |
| 47,5°        | 198.5                 | 192.3       | 181.2       | 184.3       | 173.1      | 179.1 | 298.4        | 297.6        | 302.8        | 292.3        | 268.9        | 248.0        | 237.2        |
| 50,0°        | 192.3                 | 181.6       | 172.1       | 167.7       | 161.5      | 160.3 | 301.8        | 294.9        | 296.2        | 291.7        | 264.8        | 236.1        | 229.1        |
| 52,5°        | 180.8                 | 167.6       | 154.5       | 148.1       | 139.4      | 137.0 | 306.4        | 297.9        | 293.8        | 282.3        | 258.9        | 229.6        | 232.4        |
| 55,0°        | 162.1                 | 142.2       | 122.5       | 115.6       | 106.9      | 100.5 | 309.6        | 303.0        | 293.1        | 276.4        | 258.2        | 239.5        | 242.7        |
| 57,5°        | 128.4                 | 106.6       | 92.1        | 76.1        | 71.9       | 68.4  | 310.7        | 306.8        | 291.4        | 269.9        | 256.2        | 246.1        | 247.7        |
| 60,0°        | 90.9                  | 69.4        | 55.8        | 47.4        | 46.4       | 43.4  | 316.0        | 306.0        | 294.2        | 273.9        | 269.4        | 256.7        | 259.9        |
| 62,5°        | 54.4                  | 42.1        | 39.9        | 37.1        | 36.9       | 35.5  | 308.2        | 312.3        | 310.4        | 295.5        | 285.6        | 289.5        | 272.8        |
| 65,0°        | 36.0                  | 35.7        | 36.7        | 34.2        | 32.7       | 32.1  | 299.7        | 318.5        | 324.0        | 328.3        | 335.2        | 326.1        | 297.5        |
| 67,5°        | 31.2                  | 32.2        | 31.0        | 29.2        | 26.7       | 26.1  | 293.3        | 321.9        | 344.0        | 352.1        | 377.5        | 363.0        | 272.0        |
| 70,0°        | 26.3                  | 24.9        | 23.4        | 21.9        | 20.2       | 20.0  | 279.1        | 322.9        | 359.1        | 377.5        | 411.4        | 325.6        | 204.8        |
| 72,5°        | 20.5                  | 19.7        | 18.0        | 16.2        | 16.2       | 14.7  | 275.7        | 322.3        | 347.2        | 375.3        | 364.9        | 242.0        | 112.7        |
| 75,0°        | 16.0                  | 14.9        | 13.6        | 11.8        | 11.4       | 11.4  | 265.8        | 278.0        | 285.9        | 301.8        | 245.3        | 128.4        | 47.3         |
| 77,5°        | 11.5                  | 10.5        | 8.9         | 7.7         | 6.7        | 6.8   | 175.8        | 144.1        | 149.6        | 149.5        | 108.1        | 39.8         | 20.4         |
| 80,0°        | 7.4                   | 6.4         | 5.4         | 4.6         | 3.8        | 3.8   | 62.5         | 44.4         | 47.7         | 50.8         | 36.7         | 13.5         | 10.8         |
| 82,5°        | 3.5                   | 3.3         | 2.7         | 2.1         | 1.9        | 1.8   | 11.3         | 7.0          | 9.6          | 15.5         | 10.3         | 5.6          | 6.2          |
| 85,0°        | 1.2                   | 1.1         | 1.0         | 0.8         | 0.6        | 0.8   | 1.2          | 1.3          | 1.2          | 1.4          | 1.4          | 1.5          | 1.4          |
| 87,5°        | 0.2                   | 0.2         | 0.2         | 0.1         | 0.2        | 0.3   | 0.3          | 0.3          | 0.3          | 0.4          | 0.3          | 0.3          | 0.3          |
| 90,0°        | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |

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

| C-<br>Ebenen | 220°<br>320°          | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-Zone             | Summe<br>Phi-Zone |
|--------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ            | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |       | Lichtstrom in lm/klm |                   |
| 0,0°         | 242.2                 | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2 | 0.4                  | 0.4               |
| 2,5°         | 241.4                 | 240.6        | 238.9        | 237.8        | 237.8        | 237.6        | 237.2        | 238.4        | 236.8        | 236.6        | 235.5 | 2.9                  | 3.2               |
| 5,0°         | 230.5                 | 230.7        | 228.2        | 228.5        | 226.9        | 225.5        | 223.4        | 223.5        | 224.4        | 224.8        | 225.6 | 5.5                  | 8.7               |
| 7,5°         | 225.6                 | 225.9        | 225.4        | 227.1        | 225.1        | 224.0        | 222.3        | 222.8        | 225.7        | 224.9        | 228.1 | 8.2                  | 16.9              |
| 10,0°        | 226.7                 | 226.6        | 227.4        | 229.7        | 229.2        | 227.7        | 225.8        | 224.1        | 224.7        | 223.8        | 224.6 | 10.9                 | 27.9              |
| 12,5°        | 233.6                 | 234.4        | 232.0        | 232.6        | 231.2        | 231.2        | 231.4        | 229.8        | 229.8        | 229.6        | 230.4 | 13.9                 | 41.8              |
| 15,0°        | 237.7                 | 239.0        | 237.6        | 234.9        | 234.8        | 230.0        | 230.3        | 232.1        | 235.2        | 232.2        | 232.0 | 16.9                 | 58.7              |
| 17,5°        | 239.0                 | 239.5        | 238.9        | 236.1        | 238.6        | 237.7        | 232.4        | 229.1        | 230.6        | 232.7        | 233.2 | 19.7                 | 78.4              |
| 20,0°        | 244.0                 | 239.5        | 241.1        | 238.3        | 236.1        | 232.3        | 229.1        | 229.0        | 222.9        | 224.5        | 232.7 | 22.5                 | 100.9             |
| 22,5°        | 248.1                 | 247.7        | 235.9        | 233.3        | 230.7        | 227.4        | 224.4        | 223.2        | 217.3        | 219.8        | 221.9 | 25.0                 | 125.9             |
| 25,0°        | 249.6                 | 244.1        | 237.2        | 232.2        | 232.3        | 229.1        | 225.8        | 217.2        | 216.6        | 211.4        | 205.4 | 27.8                 | 153.7             |
| 27,5°        | 251.7                 | 239.8        | 233.2        | 229.8        | 227.8        | 221.2        | 221.3        | 210.3        | 205.3        | 201.2        | 205.9 | 30.1                 | 183.8             |
| 30,0°        | 247.1                 | 240.8        | 234.7        | 231.8        | 223.5        | 219.5        | 203.8        | 203.4        | 198.5        | 195.7        | 191.2 | 32.6                 | 216.3             |
| 32,5°        | 247.0                 | 244.5        | 238.0        | 221.6        | 215.1        | 213.1        | 203.8        | 198.3        | 195.7        | 194.0        | 191.8 | 35.0                 | 251.3             |
| 35,0°        | 244.8                 | 241.8        | 231.1        | 224.2        | 215.4        | 208.0        | 203.1        | 202.6        | 196.4        | 199.0        | 192.9 | 37.5                 | 288.8             |
| 37,5°        | 240.6                 | 237.6        | 227.8        | 218.9        | 216.9        | 214.0        | 207.7        | 201.2        | 204.7        | 194.8        | 196.9 | 40.1                 | 328.9             |
| 40,0°        | 243.8                 | 233.3        | 222.4        | 225.7        | 216.8        | 214.8        | 205.4        | 199.6        | 193.5        | 195.0        | 186.4 | 42.4                 | 371.3             |
| 42,5°        | 239.3                 | 228.4        | 226.9        | 220.5        | 217.6        | 212.5        | 197.8        | 193.6        | 191.5        | 186.2        | 177.2 | 44.2                 | 415.5             |
| 45,0°        | 232.5                 | 235.6        | 229.6        | 227.2        | 218.7        | 204.2        | 194.8        | 190.2        | 187.3        | 183.5        | 184.7 | 46.2                 | 461.7             |
| 47,5°        | 231.6                 | 238.0        | 233.9        | 219.4        | 210.6        | 198.5        | 192.3        | 181.2        | 184.3        | 173.1        | 179.1 | 47.7                 | 509.4             |
| 50,0°        | 235.5                 | 235.4        | 227.4        | 211.0        | 203.7        | 192.3        | 181.6        | 172.1        | 167.7        | 161.5        | 160.3 | 48.2                 | 557.6             |
| 52,5°        | 238.8                 | 238.4        | 223.0        | 204.0        | 193.8        | 180.8        | 167.6        | 154.5        | 148.1        | 139.4        | 137.0 | 48.5                 | 606.2             |
| 55,0°        | 237.6                 | 226.6        | 215.3        | 201.3        | 182.8        | 162.1        | 142.2        | 122.5        | 115.6        | 106.9        | 100.5 | 47.9                 | 654.0             |
| 57,5°        | 241.0                 | 221.4        | 213.5        | 184.7        | 154.5        | 128.4        | 106.6        | 92.1         | 76.1         | 71.9         | 68.4  | 46.4                 | 700.4             |
| 60,0°        | 244.6                 | 223.8        | 186.2        | 149.8        | 120.5        | 90.9         | 69.4         | 55.8         | 47.4         | 46.4         | 43.4  | 44.7                 | 745.2             |
| 62,5°        | 248.2                 | 195.5        | 149.4        | 109.6        | 73.2         | 54.4         | 42.1         | 39.9         | 37.1         | 36.9         | 35.5  | 43.7                 | 788.8             |
| 65,0°        | 216.1                 | 154.1        | 102.4        | 62.6         | 40.7         | 36.0         | 35.7         | 36.7         | 34.2         | 32.7         | 32.1  | 43.4                 | 832.2             |
| 67,5°        | 170.4                 | 101.8        | 56.5         | 34.1         | 32.7         | 31.2         | 32.2         | 31.0         | 29.2         | 26.7         | 26.1  | 42.6                 | 874.8             |
| 70,0°        | 103.6                 | 53.3         | 32.1         | 28.3         | 26.7         | 26.3         | 24.9         | 23.4         | 21.9         | 20.2         | 20.0  | 39.8                 | 914.6             |
| 72,5°        | 53.4                  | 31.2         | 25.3         | 24.3         | 21.6         | 20.5         | 19.7         | 18.0         | 16.2         | 16.2         | 14.7  | 35.2                 | 949.9             |
| 75,0°        | 27.7                  | 22.4         | 20.0         | 19.1         | 16.8         | 16.0         | 14.9         | 13.6         | 11.8         | 11.4         | 11.4  | 27.3                 | 977.2             |
| 77,5°        | 16.2                  | 15.7         | 15.3         | 13.4         | 11.5         | 11.5         | 10.5         | 8.9          | 7.7          | 6.7          | 6.8   | 15.0                 | 992.2             |
| 80,0°        | 8.9                   | 8.8          | 10.7         | 7.7          | 7.1          | 7.4          | 6.4          | 5.4          | 4.6          | 3.8          | 3.8   | 5.8                  | 998.0             |
| 82,5°        | 4.3                   | 3.5          | 4.0          | 4.1          | 4.1          | 3.5          | 3.3          | 2.7          | 2.1          | 1.9          | 1.8   | 1.7                  | 999.6             |
| 85,0°        | 1.4                   | 1.2          | 1.2          | 1.1          | 1.1          | 1.2          | 1.1          | 1.0          | 0.8          | 0.6          | 0.8   | 0.3                  | 999.9             |
| 87,5°        | 0.3                   | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.2          | 0.1          | 0.2          | 0.3   | 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><b>DL® 50 mini LED</b> | <b>Bestell-Nr.: 5XA248W31F08RE</b><br><b>EAN: 4058352804131</b> | <b>LP-Nummer</b><br><b>59398_14</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                     | 6000            | 35.4                                 | 36.3                               | 35.8                            |
| 95             | 241              | 252                     | 5693            | 33.4                                 | 34.2                               | 33.8                            |
| 90             | 229              | 250                     | 5409            | 31.6                                 | 32.4                               | 32.0                            |
| 85             | 216              | 248                     | 5102            | 29.7                                 | 30.4                               | 30.0                            |
| 80             | 203              | 246                     | 4795            | 27.8                                 | 28.4                               | 28.1                            |
| 75             | 190              | 243                     | 4488            | 25.9                                 | 26.5                               | 26.2                            |
| 70             | 178              | 241                     | 4205            | 24.2                                 | 24.7                               | 24.4                            |
| 65             | 165              | 238                     | 3898            | 22.3                                 | 22.8                               | 22.6                            |
| 60             | 152              | 235                     | 3591            | 20.4                                 | 20.9                               | 20.6                            |
| 55             | 140              | 232                     | 3307            | 18.8                                 | 19.2                               | 19.0                            |
| 50             | 127              | 229                     | 3000            | 17.0                                 | 17.4                               | 17.2                            |
| 45             | 114              | 225                     | 2693            | 15.2                                 | 15.6                               | 15.4                            |
| 40             | 102              | 221                     | 2409            | 13.7                                 | 13.9                               | 13.8                            |
| 35             | 89               | 216                     | 2102            | 11.9                                 | 12.2                               | 12.0                            |
| 30             | 76               | 210                     | 1795            | 10.3                                 | 10.5                               | 10.4                            |
| 25             | 63               | 203                     | 1488            | 8.7                                  | 8.9                                | 8.8                             |
| 20             | 51               | 195                     | 1205            | 7.1                                  | 7.3                                | 7.2                             |
| 15             | 38               | 184                     | 898             | 5.5                                  | 5.6                                | 5.6                             |
| 11             | 28               | 173                     | 661             | 4.2                                  | 4.2                                | 4.2                             |