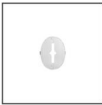


## Lichttechnischer Prüfbefund

**Familie**  
**DL 11 iQ**



**Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS**  
**EAN: 4058352955949 + 4050737730073**

**LP-Nummer**  
**59431\_147**

**Ausführung** Mastaufsatz- oder Montage am Wandausleger, Spreader-Element, strukturiert  
**Optik** asymmetrisch, extrem breit strahlend (P1.0a)  
**Abdeckung** Abdeckung klar, PMMA  
**Bestückung** LED 3000 K | CRI ≥ 70  
**Betriebsgerät** EVG SITECO iQ  
**Bemessungswerte** Nettolichtstrom = 4530 lm  
Systemleistung = 33.6 W  
Lichtausbeute = 134.8 lm/W

**Seriendokumentation**  
**18.03.2024**

**siteco**

**Lichtstärke in cd/klm**

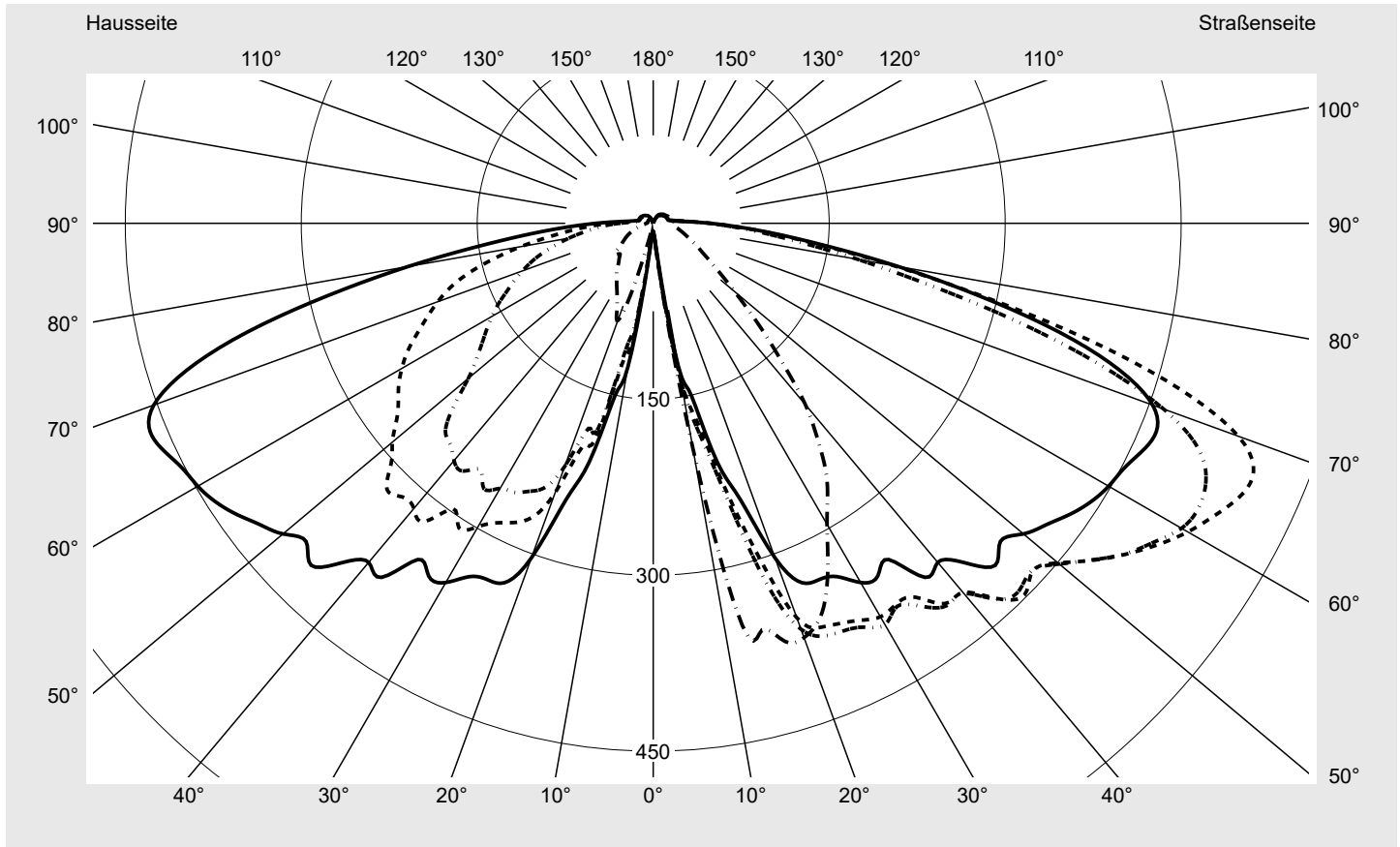
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 554 cd/klm**



**Leuchtenbetriebswirkungsgrade**

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 93.8%  |
| Eta 90° - 180° | 6.2%   |

**Lichtstärkeklasse nach EN13201-2**

|           |       |
|-----------|-------|
| Klasse:   | ---   |
| Imax 70°  | 530.8 |
| Imax 80°  | 223.1 |
| Imax 90°  | 49.4  |
| Imax >90° | 32.4  |
| Imax >95° | 18.3  |

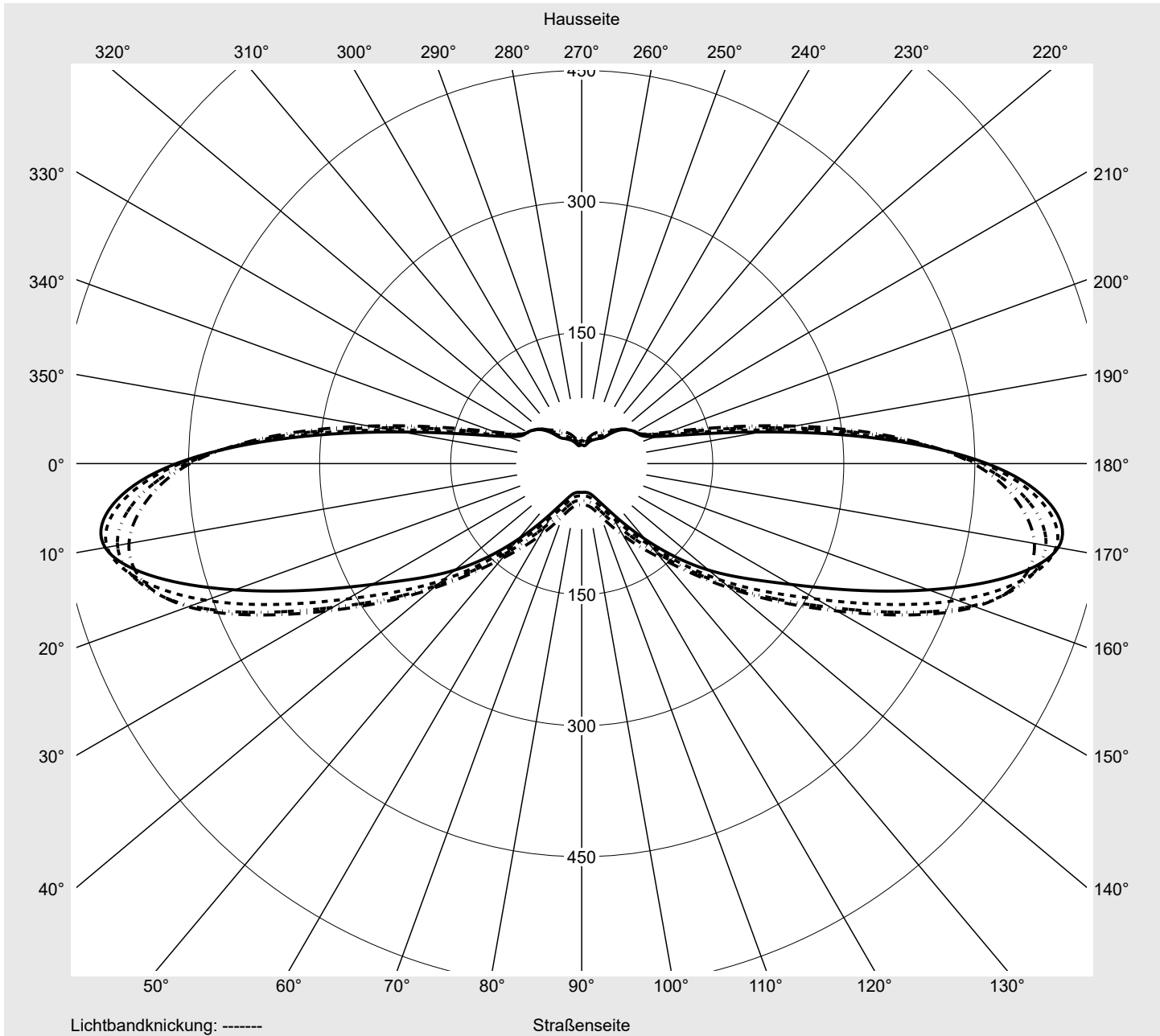
**Messbedingungen**

DIN EN 13032 und DIN 5032

### Lichttechnischer Prüfbefund

|                            |  |                               |
|----------------------------|--|-------------------------------|
| <b>Familie</b><br>DL 11 iQ | <b>Bestell-Nr.:</b> 5XA5565FF14HP00022 + 5XA54000XS<br><b>EAN:</b> 4058352955949 + 4050737730073 | <b>LP-Nummer</b><br>59431_147 |
|----------------------------|--|-------------------------------|

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



## Lichttechnischer Prüfbefund

|  |  |                               |
|--|--|-------------------------------|
| <b>Familie</b><br>DL 11 iQ             | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
| <b>Wertetabelle Lichtstärkemessung</b> |  | <b>Maximale Lichtstärke</b>   |
|  |  | <b>siteco</b>                 |

| C-<br>Ebenen | 0°<br>180°            | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|--------------|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ            | Lichtstärke in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°         | 7.3                   | 7.3        | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         |
| 2,5°         | 7.2                   | 7.2        | 7.4         | 7.4         | 7.5         | 7.7         | 7.7         | 7.8         | 7.9         | 8.1         | 8.1         | 8.2         | 8.4         |
| 5,0°         | 11.3                  | 12.0       | 12.6        | 13.2        | 13.5        | 14.0        | 14.8        | 15.3        | 15.4        | 15.3        | 15.3        | 15.1        | 14.8        |
| 7,5°         | 34.6                  | 40.9       | 46.9        | 52.8        | 57.4        | 61.7        | 64.9        | 67.7        | 69.8        | 68.9        | 67.3        | 65.5        | 63.2        |
| 10,0°        | 124.6                 | 132.3      | 135.8       | 138.7       | 140.1       | 143.4       | 146.7       | 154.7       | 159.2       | 159.2       | 163.5       | 170.5       | 175.5       |
| 12,5°        | 150.6                 | 160.0      | 173.6       | 185.3       | 190.9       | 199.1       | 206.8       | 216.1       | 228.4       | 246.2       | 266.0       | 275.6       | 289.2       |
| 15,0°        | 210.6                 | 219.1      | 229.6       | 241.6       | 246.7       | 261.4       | 283.0       | 305.2       | 327.4       | 347.0       | 359.5       | 364.3       | 366.6       |
| 17,5°        | 246.8                 | 273.6      | 296.5       | 322.7       | 342.6       | 359.5       | 372.6       | 387.0       | 383.1       | 388.5       | 388.4       | 385.7       | 383.5       |
| 20,0°        | 303.5                 | 336.3      | 357.9       | 368.3       | 377.6       | 382.1       | 383.3       | 386.6       | 387.3       | 392.2       | 391.7       | 392.1       | 390.8       |
| 22,5°        | 331.7                 | 356.9      | 372.8       | 380.8       | 394.0       | 393.2       | 387.3       | 389.2       | 390.5       | 392.2       | 388.0       | 387.5       | 382.8       |
| 25,0°        | 335.1                 | 359.1      | 376.4       | 383.4       | 386.1       | 386.4       | 385.5       | 386.4       | 383.1       | 382.9       | 378.5       | 374.6       | 368.8       |
| 27,5°        | 339.6                 | 362.9      | 381.6       | 388.2       | 390.0       | 392.5       | 390.5       | 386.1       | 379.5       | 374.0       | 365.2       | 356.6       | 346.9       |
| 30,0°        | 353.6                 | 374.1      | 387.4       | 395.2       | 395.3       | 394.4       | 392.1       | 384.4       | 375.6       | 366.0       | 356.0       | 342.2       | 326.8       |
| 32,5°        | 356.4                 | 376.5      | 385.1       | 387.2       | 382.5       | 378.0       | 376.9       | 367.7       | 358.0       | 346.2       | 335.4       | 321.8       | 303.9       |
| 35,0°        | 349.9                 | 369.1      | 389.1       | 398.5       | 396.0       | 390.5       | 384.1       | 373.6       | 355.9       | 337.8       | 319.0       | 300.4       | 281.5       |
| 37,5°        | 380.5                 | 396.0      | 408.7       | 410.9       | 400.8       | 391.1       | 378.5       | 360.5       | 340.3       | 320.9       | 299.3       | 278.6       | 259.6       |
| 40,0°        | 377.3                 | 400.8      | 410.8       | 412.0       | 399.7       | 386.3       | 372.3       | 351.4       | 328.3       | 304.0       | 278.4       | 253.4       | 234.7       |
| 42,5°        | 392.3                 | 419.8      | 433.9       | 434.9       | 423.4       | 403.3       | 380.1       | 349.3       | 317.1       | 284.3       | 254.7       | 229.7       | 210.7       |
| 45,0°        | 412.3                 | 433.0      | 447.7       | 441.8       | 422.4       | 394.6       | 363.0       | 328.8       | 293.9       | 262.1       | 233.8       | 209.6       | 191.8       |
| 47,5°        | 401.4                 | 423.5      | 438.7       | 438.1       | 420.7       | 389.3       | 352.3       | 310.6       | 271.2       | 237.8       | 208.9       | 186.6       | 169.0       |
| 50,0°        | 411.9                 | 435.3      | 450.4       | 451.9       | 432.8       | 394.9       | 347.6       | 297.2       | 252.5       | 216.7       | 188.1       | 166.8       | 149.9       |
| 52,5°        | 422.2                 | 456.5      | 471.9       | 471.4       | 446.6       | 401.1       | 343.9       | 287.4       | 238.3       | 200.1       | 171.3       | 150.9       | 133.8       |
| 55,0°        | 433.0                 | 472.1      | 491.8       | 491.2       | 461.0       | 406.6       | 342.7       | 282.8       | 230.3       | 189.4       | 159.3       | 137.5       | 119.4       |
| 57,5°        | 442.1                 | 487.3      | 509.9       | 506.0       | 471.3       | 408.8       | 341.0       | 280.3       | 227.1       | 183.7       | 150.7       | 127.0       | 106.8       |
| 60,0°        | 448.3                 | 500.8      | 526.2       | 520.0       | 479.3       | 410.1       | 337.5       | 275.9       | 222.4       | 177.2       | 141.9       | 116.2       | 94.9        |
| 62,5°        | 452.4                 | 514.6      | 539.6       | 524.4       | 476.3       | 402.8       | 329.2       | 269.5       | 217.0       | 170.8       | 133.2       | 104.9       | 83.0        |
| 65,0°        | 459.8                 | 530.5      | 551.6       | 519.9       | 457.5       | 381.2       | 310.1       | 254.7       | 207.3       | 162.3       | 123.5       | 93.6        | 71.8        |
| 67,5°        | 464.2                 | 538.8      | 553.9       | 503.4       | 422.6       | 342.8       | 276.7       | 229.0       | 189.7       | 150.4       | 113.2       | 83.0        | 61.4        |
| 70,0°        | 453.0                 | 524.6      | 530.8       | 463.1       | 369.1       | 290.3       | 232.9       | 194.0       | 164.4       | 134.1       | 101.0       | 72.5        | 52.4        |
| 72,5°        | 417.2                 | 476.2      | 471.4       | 397.5       | 304.6       | 233.4       | 186.9       | 156.6       | 135.8       | 114.4       | 87.6        | 62.4        | 44.9        |
| 75,0°        | 358.2                 | 398.4      | 384.7       | 317.9       | 239.0       | 181.1       | 145.7       | 123.3       | 107.6       | 93.0        | 73.0        | 53.1        | 38.6        |
| 77,5°        | 283.2                 | 305.8      | 288.1       | 238.6       | 181.0       | 137.6       | 112.1       | 96.2        | 84.2        | 74.5        | 61.1        | 46.5        | 35.1        |
| 80,0°        | 212.0                 | 223.1      | 208.5       | 177.1       | 137.6       | 105.9       | 87.6        | 75.8        | 65.6        | 58.0        | 49.0        | 38.9        | 30.5        |
| 82,5°        | 150.3                 | 155.1      | 146.4       | 128.7       | 103.8       | 81.4        | 68.3        | 59.7        | 51.3        | 45.3        | 39.6        | 32.8        | 26.7        |
| 85,0°        | 106.1                 | 108.5      | 103.6       | 94.4        | 78.9        | 63.0        | 53.5        | 47.2        | 40.6        | 35.8        | 31.7        | 27.1        | 23.1        |
| 87,5°        | 73.2                  | 74.6       | 72.4        | 67.9        | 58.4        | 47.8        | 41.4        | 37.1        | 32.5        | 28.9        | 26.2        | 23.6        | 20.9        |
| 90,0°        | 48.5                  | 49.4       | 49.1        | 47.7        | 42.5        | 36.2        | 32.0        | 29.5        | 26.5        | 24.2        | 22.5        | 21.0        | 19.4        |
| 92,5°        | 30.7                  | 31.7       | 32.4        | 32.4        | 30.3        | 27.1        | 24.8        | 23.6        | 21.8        | 20.6        | 19.6        | 18.9        | 18.2        |
| 95,0°        | 20.8                  | 21.9       | 22.6        | 23.1        | 22.6        | 20.9        | 19.8        | 19.3        | 18.6        | 17.9        | 17.7        | 17.5        | 17.1        |
| 97,5°        | 16.3                  | 16.9       | 17.7        | 18.3        | 18.1        | 17.7        | 17.1        | 16.8        | 16.6        | 16.2        | 16.2        | 16.2        | 16.0        |
| 100,0°       | 13.8                  | 14.4       | 14.9        | 15.4        | 15.6        | 15.6        | 15.3        | 15.4        | 15.4        | 15.1        | 15.1        | 15.1        | 15.1        |
| 102,5°       | 12.9                  | 13.3       | 13.8        | 14.0        | 14.2        | 14.4        | 14.4        | 14.6        | 14.6        | 14.6        | 14.6        | 14.6        | 14.6        |
| 105,0°       | 12.7                  | 13.1       | 13.4        | 13.7        | 13.8        | 14.0        | 14.0        | 14.2        | 14.3        | 14.4        | 14.4        | 14.4        | 14.4        |
| 107,5°       | 12.5                  | 12.9       | 13.2        | 13.6        | 13.6        | 13.8        | 13.8        | 13.8        | 14.0        | 14.2        | 14.2        | 14.2        | 14.2        |
| 110,0°       | 12.4                  | 12.7       | 13.0        | 13.3        | 13.4        | 13.6        | 13.6        | 13.7        | 13.8        | 13.9        | 14.0        | 14.0        | 14.0        |
| 112,5°       | 12.2                  | 12.5       | 12.8        | 13.1        | 13.1        | 13.3        | 13.3        | 13.4        | 13.6        | 13.7        | 13.7        | 13.8        | 13.8        |

## Lichttechnischer Prüfbefund

|  |  |                               |
|--|--|-------------------------------|
| <b>Familie</b><br>DL 11 iQ             | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
| <b>Wertetabelle Lichtstärkemessung</b> |  | <b>Maximale Lichtstärke</b>   |
|  |  | <b>siteco</b>                 |

| C-<br>Ebenen | 65°<br>115°           | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|--------------|-----------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ            | Lichtstärke in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°         | 7.3                   | 7.3         | 7.3         | 7.3         | 7.3        | 7.3   | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          |
| 2,5°         | 8.6                   | 8.7         | 8.9         | 9.1         | 9.0        | 9.1   | 7.4          | 7.3          | 7.2          | 7.1          | 7.3          | 7.3          | 7.5          |
| 5,0°         | 14.7                  | 14.4        | 14.1        | 14.0        | 14.2       | 14.4  | 10.7         | 10.3         | 10.0         | 9.6          | 9.8          | 9.6          | 8.6          |
| 7,5°         | 60.2                  | 56.9        | 53.9        | 53.0        | 52.2       | 52.3  | 29.1         | 23.6         | 18.9         | 15.8         | 12.9         | 10.8         | 9.7          |
| 10,0°        | 179.4                 | 183.3       | 188.3       | 192.4       | 194.9      | 195.2 | 114.4        | 101.7        | 86.4         | 68.4         | 50.9         | 37.1         | 26.4         |
| 12,5°        | 303.7                 | 317.0       | 332.3       | 343.5       | 349.8      | 351.5 | 138.4        | 123.1        | 114.3        | 109.5        | 104.5        | 98.6         | 89.3         |
| 15,0°        | 366.7                 | 364.2       | 363.1       | 362.2       | 359.4      | 358.8 | 202.5        | 190.4        | 180.9        | 163.7        | 151.2        | 132.3        | 116.4        |
| 17,5°        | 379.8                 | 378.6       | 376.6       | 374.8       | 373.2      | 373.8 | 220.7        | 199.0        | 183.4        | 167.9        | 150.4        | 132.1        | 119.3        |
| 20,0°        | 384.8                 | 381.7       | 378.8       | 376.6       | 376.5      | 375.9 | 277.5        | 244.3        | 220.6        | 194.6        | 167.6        | 145.2        | 123.1        |
| 22,5°        | 375.5                 | 370.8       | 367.9       | 366.9       | 368.2      | 367.6 | 304.6        | 271.8        | 244.6        | 212.4        | 175.6        | 146.3        | 121.7        |
| 25,0°        | 358.8                 | 351.0       | 347.4       | 348.7       | 348.8      | 348.7 | 309.8        | 281.5        | 252.2        | 220.7        | 183.3        | 151.7        | 119.5        |
| 27,5°        | 336.5                 | 327.3       | 323.3       | 323.7       | 322.8      | 322.4 | 316.7        | 287.9        | 258.5        | 220.7        | 183.7        | 146.3        | 114.3        |
| 30,0°        | 313.5                 | 302.3       | 297.3       | 298.1       | 296.8      | 296.3 | 332.1        | 298.5        | 260.9        | 218.6        | 180.6        | 140.8        | 108.1        |
| 32,5°        | 290.4                 | 278.9       | 275.7       | 276.8       | 276.8      | 276.6 | 337.3        | 308.0        | 268.4        | 219.2        | 175.0        | 131.2        | 96.9         |
| 35,0°        | 267.7                 | 259.5       | 256.9       | 256.4       | 256.5      | 256.0 | 329.2        | 297.2        | 256.7        | 208.3        | 165.0        | 122.9        | 90.3         |
| 37,5°        | 246.1                 | 238.2       | 234.4       | 232.0       | 229.6      | 229.0 | 354.4        | 320.6        | 266.2        | 211.0        | 161.1        | 113.5        | 83.2         |
| 40,0°        | 221.1                 | 212.4       | 206.9       | 203.3       | 201.9      | 201.8 | 357.2        | 317.5        | 264.1        | 208.0        | 152.7        | 108.7        | 79.2         |
| 42,5°        | 197.1                 | 186.2       | 178.0       | 171.7       | 167.8      | 166.5 | 363.9        | 316.4        | 255.9        | 192.7        | 139.4        | 99.4         | 75.1         |
| 45,0°        | 176.6                 | 163.2       | 152.0       | 143.8       | 138.5      | 136.9 | 376.8        | 320.9        | 250.5        | 179.8        | 126.6        | 90.4         | 72.8         |
| 47,5°        | 153.5                 | 139.2       | 127.2       | 118.1       | 112.5      | 111.2 | 363.7        | 303.0        | 230.4        | 159.5        | 108.6        | 81.7         | 68.3         |
| 50,0°        | 133.9                 | 118.9       | 106.1       | 97.3        | 92.1       | 90.7  | 365.1        | 290.3        | 205.8        | 136.9        | 93.4         | 73.2         | 64.4         |
| 52,5°        | 117.2                 | 102.0       | 89.4        | 80.9        | 76.4       | 75.2  | 360.3        | 275.8        | 189.9        | 123.5        | 85.0         | 68.7         | 63.0         |
| 55,0°        | 102.0                 | 87.0        | 75.1        | 67.7        | 63.9       | 63.1  | 360.4        | 265.2        | 178.1        | 115.4        | 81.2         | 68.3         | 63.4         |
| 57,5°        | 89.5                  | 74.6        | 63.9        | 57.6        | 54.7       | 54.3  | 360.4        | 257.3        | 168.3        | 110.3        | 80.3         | 69.4         | 65.0         |
| 60,0°        | 77.7                  | 64.1        | 54.8        | 49.7        | 47.7       | 47.2  | 356.6        | 247.4        | 158.4        | 105.8        | 80.0         | 71.1         | 66.6         |
| 62,5°        | 67.0                  | 54.9        | 47.6        | 43.8        | 42.6       | 42.4  | 351.0        | 236.0        | 148.8        | 100.7        | 78.8         | 71.6         | 67.1         |
| 65,0°        | 57.0                  | 46.7        | 40.8        | 38.2        | 37.1       | 36.9  | 344.5        | 221.9        | 137.9        | 95.3         | 77.2         | 71.8         | 67.0         |
| 67,5°        | 48.2                  | 39.9        | 35.5        | 33.6        | 33.0       | 33.0  | 336.1        | 208.5        | 128.4        | 90.5         | 75.7         | 71.7         | 66.9         |
| 70,0°        | 41.0                  | 34.6        | 31.2        | 29.8        | 29.5       | 29.5  | 321.8        | 195.4        | 118.5        | 85.0         | 73.8         | 70.0         | 64.7         |
| 72,5°        | 35.3                  | 30.3        | 27.8        | 26.8        | 26.7       | 26.7  | 297.8        | 180.9        | 108.6        | 79.1         | 70.4         | 66.8         | 61.5         |
| 75,0°        | 30.8                  | 26.8        | 24.9        | 24.3        | 24.0       | 24.0  | 262.0        | 162.1        | 97.3         | 71.6         | 64.2         | 60.2         | 54.6         |
| 77,5°        | 28.2                  | 24.6        | 22.8        | 22.1        | 21.9       | 21.9  | 215.6        | 138.8        | 84.9         | 63.4         | 57.1         | 52.9         | 47.0         |
| 80,0°        | 25.3                  | 22.4        | 20.9        | 20.2        | 20.0       | 19.7  | 169.2        | 114.7        | 73.0         | 55.3         | 49.4         | 45.0         | 39.2         |
| 82,5°        | 22.7                  | 20.3        | 19.1        | 18.6        | 18.4       | 18.4  | 125.9        | 90.5         | 60.9         | 46.9         | 41.8         | 37.6         | 32.3         |
| 85,0°        | 20.5                  | 18.9        | 18.0        | 17.5        | 17.1       | 17.0  | 92.5         | 70.3         | 50.1         | 39.6         | 34.8         | 30.8         | 26.4         |
| 87,5°        | 19.1                  | 17.9        | 17.1        | 16.6        | 16.3       | 16.2  | 66.2         | 52.6         | 39.7         | 32.2         | 28.1         | 24.6         | 21.5         |
| 90,0°        | 18.1                  | 17.2        | 16.7        | 16.2        | 16.2       | 16.2  | 44.7         | 36.9         | 28.7         | 23.3         | 20.1         | 18.1         | 16.2         |
| 92,5°        | 17.3                  | 16.6        | 16.2        | 16.2        | 16.2       | 16.3  | 28.2         | 24.3         | 19.7         | 16.2         | 14.4         | 13.4         | 12.3         |
| 95,0°        | 16.3                  | 16.0        | 15.7        | 15.8        | 16.2       | 16.2  | 19.5         | 17.5         | 15.3         | 13.4         | 12.3         | 11.4         | 10.5         |
| 97,5°        | 15.7                  | 15.5        | 15.4        | 15.6        | 15.7       | 15.7  | 15.2         | 14.0         | 12.8         | 11.8         | 10.9         | 10.1         | 9.3          |
| 100,0°       | 15.1                  | 15.1        | 14.9        | 15.2        | 15.3       | 15.3  | 13.1         | 12.5         | 11.6         | 10.8         | 10.3         | 9.6          | 9.0          |
| 102,5°       | 14.6                  | 14.6        | 14.7        | 14.9        | 14.9       | 14.9  | 12.4         | 11.9         | 11.2         | 10.6         | 10.1         | 9.4          | 8.9          |
| 105,0°       | 14.4                  | 14.4        | 14.4        | 14.5        | 14.8       | 14.9  | 12.1         | 11.7         | 11.1         | 10.6         | 9.9          | 9.4          | 8.9          |
| 107,5°       | 14.2                  | 14.2        | 14.3        | 14.4        | 14.4       | 14.4  | 12.1         | 11.6         | 11.1         | 10.6         | 9.9          | 9.4          | 8.7          |
| 110,0°       | 14.0                  | 14.0        | 14.0        | 14.1        | 14.4       | 14.4  | 11.9         | 11.5         | 10.9         | 10.4         | 9.8          | 9.2          | 8.7          |
| 112,5°       | 13.6                  | 13.8        | 13.8        | 14.0        | 14.0       | 14.0  | 11.7         | 11.2         | 10.8         | 10.3         | 9.8          | 9.2          | 8.6          |

## Lichttechnischer Prüfbefund

|                            |  |                               |
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| <b>Familie</b><br>DL 11 iQ | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
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| Wertetabelle Lichtstärkemessung |                       |              |              |              |              |              |              |              |              |              |      | Maximale Lichtstärke |                   |
|---------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|----------------------|-------------------|
| C-<br>Ebenen                    | 220°<br>320°          | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270° | Phi-Zone             | Summe<br>Phi-Zone |
| γ                               | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |      | Lichtstrom in lm/klm |                   |
| 0,0°                            | 7.3                   | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3          | 7.3  | 0.0                  | 0.0               |
| 2,5°                            | 7.8                   | 8.2          | 8.6          | 9.0          | 9.6          | 10.3         | 10.7         | 10.6         | 10.5         | 10.5         | 10.2 | 0.1                  | 0.1               |
| 5,0°                            | 7.9                   | 7.6          | 7.4          | 7.4          | 7.2          | 7.1          | 7.0          | 6.8          | 6.7          | 6.7          | 6.6  | 0.3                  | 0.4               |
| 7,5°                            | 8.8                   | 8.1          | 7.4          | 7.2          | 6.9          | 6.9          | 6.8          | 6.6          | 6.5          | 6.4          | 6.4  | 1.3                  | 1.6               |
| 10,0°                           | 19.2                  | 15.3         | 12.0         | 9.5          | 8.5          | 8.0          | 7.6          | 7.0          | 6.5          | 6.4          | 6.4  | 4.7                  | 6.4               |
| 12,5°                           | 76.2                  | 60.6         | 44.8         | 31.7         | 21.4         | 14.9         | 11.5         | 9.1          | 8.1          | 7.7          | 7.5  | 9.4                  | 15.7              |
| 15,0°                           | 103.9                 | 92.0         | 82.7         | 73.7         | 63.1         | 51.4         | 40.9         | 30.5         | 22.0         | 17.8         | 16.9 | 14.7                 | 30.5              |
| 17,5°                           | 107.4                 | 96.7         | 86.6         | 78.8         | 74.3         | 71.9         | 67.3         | 63.0         | 61.9         | 62.7         | 63.4 | 19.6                 | 50.1              |
| 20,0°                           | 106.6                 | 95.1         | 86.8         | 81.6         | 78.0         | 77.4         | 74.5         | 71.0         | 77.0         | 85.3         | 88.1 | 23.9                 | 74.0              |
| 22,5°                           | 104.4                 | 91.9         | 84.3         | 78.9         | 76.8         | 77.3         | 73.8         | 69.5         | 72.7         | 79.1         | 80.8 | 27.1                 | 101.1             |
| 25,0°                           | 99.9                  | 84.4         | 75.6         | 70.6         | 70.1         | 72.3         | 70.2         | 64.4         | 65.7         | 71.0         | 72.8 | 29.3                 | 130.5             |
| 27,5°                           | 90.3                  | 75.6         | 67.8         | 64.2         | 64.8         | 66.9         | 64.2         | 58.0         | 58.6         | 64.7         | 66.8 | 31.2                 | 161.7             |
| 30,0°                           | 83.1                  | 69.0         | 62.9         | 60.4         | 61.0         | 62.8         | 60.7         | 52.6         | 53.2         | 59.4         | 62.2 | 33.1                 | 194.8             |
| 32,5°                           | 75.0                  | 63.5         | 59.5         | 58.1         | 58.5         | 59.4         | 57.5         | 49.6         | 49.2         | 55.0         | 58.0 | 34.2                 | 229.0             |
| 35,0°                           | 69.1                  | 58.9         | 56.3         | 55.7         | 55.8         | 56.9         | 54.8         | 47.1         | 46.4         | 51.6         | 54.3 | 35.5                 | 264.5             |
| 37,5°                           | 65.2                  | 56.6         | 54.3         | 53.9         | 53.9         | 54.2         | 51.6         | 44.7         | 43.6         | 48.1         | 50.9 | 37.0                 | 301.5             |
| 40,0°                           | 63.6                  | 57.7         | 55.4         | 53.2         | 51.7         | 51.5         | 49.2         | 42.6         | 40.6         | 44.4         | 46.6 | 37.6                 | 339.1             |
| 42,5°                           | 62.3                  | 56.9         | 55.3         | 54.5         | 52.7         | 50.5         | 46.5         | 40.2         | 37.9         | 41.5         | 43.3 | 38.5                 | 377.6             |
| 45,0°                           | 63.9                  | 58.1         | 56.3         | 55.4         | 52.7         | 50.2         | 47.3         | 39.8         | 36.4         | 39.2         | 40.7 | 38.8                 | 416.4             |
| 47,5°                           | 63.2                  | 62.1         | 61.4         | 57.6         | 53.7         | 50.3         | 45.7         | 40.0         | 37.1         | 37.5         | 38.6 | 38.2                 | 454.6             |
| 50,0°                           | 61.3                  | 60.5         | 61.6         | 59.2         | 54.1         | 49.8         | 45.2         | 39.2         | 36.5         | 38.9         | 41.5 | 38.2                 | 492.7             |
| 52,5°                           | 60.3                  | 58.9         | 58.2         | 55.1         | 51.1         | 48.1         | 43.5         | 38.3         | 37.5         | 39.7         | 40.8 | 38.5                 | 531.3             |
| 55,0°                           | 59.8                  | 57.2         | 56.3         | 53.2         | 49.5         | 45.9         | 42.4         | 37.4         | 33.8         | 33.8         | 34.4 | 39.1                 | 570.3             |
| 57,5°                           | 61.6                  | 57.6         | 56.4         | 52.6         | 47.3         | 42.2         | 37.8         | 32.7         | 29.9         | 30.5         | 31.3 | 39.7                 | 610.1             |
| 60,0°                           | 61.7                  | 54.7         | 50.1         | 46.2         | 42.6         | 39.0         | 35.2         | 30.6         | 27.5         | 27.9         | 28.7 | 40.1                 | 650.2             |
| 62,5°                           | 61.5                  | 53.3         | 46.8         | 42.8         | 39.5         | 36.3         | 32.7         | 28.4         | 25.3         | 25.8         | 26.3 | 40.2                 | 690.4             |
| 65,0°                           | 61.2                  | 51.6         | 42.8         | 39.1         | 36.0         | 32.9         | 29.8         | 26.1         | 23.3         | 23.3         | 23.9 | 39.7                 | 730.1             |
| 67,5°                           | 60.4                  | 50.5         | 39.3         | 35.1         | 32.3         | 29.7         | 26.9         | 23.5         | 20.9         | 20.9         | 21.3 | 38.4                 | 768.6             |
| 70,0°                           | 57.9                  | 48.1         | 35.6         | 31.4         | 28.7         | 26.5         | 23.9         | 21.0         | 18.6         | 18.4         | 18.7 | 35.9                 | 804.4             |
| 72,5°                           | 54.6                  | 45.4         | 32.0         | 27.8         | 25.3         | 23.2         | 21.1         | 18.6         | 16.5         | 16.1         | 16.2 | 32.0                 | 836.4             |
| 75,0°                           | 47.7                  | 39.6         | 28.2         | 24.5         | 22.1         | 20.3         | 18.2         | 16.2         | 14.3         | 13.9         | 14.0 | 27.1                 | 863.5             |
| 77,5°                           | 40.3                  | 33.4         | 24.3         | 21.1         | 19.0         | 17.3         | 15.6         | 13.8         | 12.1         | 11.9         | 11.9 | 21.9                 | 885.4             |
| 80,0°                           | 33.2                  | 28.1         | 21.3         | 18.4         | 16.4         | 14.9         | 13.4         | 11.9         | 10.4         | 9.9          | 10.1 | 17.4                 | 902.8             |
| 82,5°                           | 27.4                  | 23.7         | 18.4         | 16.0         | 14.2         | 12.7         | 11.2         | 9.9          | 8.6          | 8.2          | 8.3  | 13.5                 | 916.3             |
| 85,0°                           | 23.2                  | 20.5         | 16.3         | 14.1         | 12.5         | 11.0         | 9.7          | 8.5          | 7.4          | 7.0          | 7.0  | 10.6                 | 926.8             |
| 87,5°                           | 19.5                  | 17.6         | 14.1         | 12.3         | 11.0         | 9.5          | 8.5          | 7.3          | 6.6          | 6.4          | 6.6  | 8.2                  | 935.0             |
| 90,0°                           | 14.8                  | 13.3         | 11.5         | 10.3         | 9.1          | 8.1          | 7.2          | 6.4          | 5.8          | 5.8          | 5.7  | 6.3                  | 941.3             |
| 92,5°                           | 11.3                  | 10.4         | 9.6          | 8.7          | 7.8          | 6.8          | 6.1          | 5.6          | 5.2          | 5.3          | 5.3  | 4.8                  | 946.1             |
| 95,0°                           | 9.6                   | 8.8          | 8.1          | 7.3          | 6.8          | 6.1          | 5.7          | 5.3          | 5.1          | 5.2          | 5.2  | 3.9                  | 950.0             |
| 97,5°                           | 8.6                   | 7.9          | 7.3          | 6.9          | 6.4          | 5.9          | 5.7          | 5.3          | 4.9          | 4.8          | 4.8  | 3.4                  | 953.5             |
| 100,0°                          | 8.4                   | 7.9          | 7.3          | 6.8          | 6.3          | 5.9          | 5.5          | 5.2          | 4.8          | 4.8          | 4.7  | 3.2                  | 956.7             |
| 102,5°                          | 8.4                   | 7.7          | 7.3          | 6.9          | 6.4          | 5.9          | 5.7          | 5.2          | 4.8          | 4.7          | 4.7  | 3.0                  | 959.7             |
| 105,0°                          | 8.2                   | 7.7          | 7.2          | 6.8          | 6.3          | 5.9          | 5.5          | 5.1          | 4.8          | 4.7          | 4.7  | 2.9                  | 962.6             |
| 107,5°                          | 8.2                   | 7.7          | 7.2          | 6.8          | 6.3          | 5.9          | 5.6          | 5.1          | 4.8          | 4.5          | 4.7  | 2.9                  | 965.5             |
| 110,0°                          | 8.2                   | 7.7          | 7.2          | 6.8          | 6.3          | 5.9          | 5.5          | 5.2          | 4.8          | 4.7          | 4.7  | 2.8                  | 968.3             |
| 112,5°                          | 8.1                   | 7.7          | 7.2          | 6.8          | 6.3          | 6.0          | 5.6          | 5.1          | 4.8          | 4.8          | 4.7  | 2.7                  | 971.0             |

## Lichttechnischer Prüfbefund

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| <b>Familie</b><br>DL 11 iQ | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
|----------------------------|--|-------------------------------|

|  |                             |               |
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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° |
|--------------|-----------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$     | Lichtstärke in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 115,0°       | 12.1                  | 12.5       | 12.7        | 12.8        | 13.0        | 13.1        | 13.1        | 13.3        | 13.3        | 13.3        | 13.3        | 13.5        | 13.4        |
| 117,5°       | 11.9                  | 12.1       | 12.4        | 12.6        | 12.8        | 12.9        | 12.9        | 13.0        | 13.1        | 13.1        | 13.1        | 13.2        | 13.1        |
| 120,0°       | 11.7                  | 12.0       | 12.1        | 12.4        | 12.5        | 12.5        | 12.6        | 12.7        | 12.8        | 12.9        | 12.9        | 12.9        | 12.9        |
| 122,5°       | 11.2                  | 11.6       | 11.8        | 12.0        | 12.1        | 12.2        | 12.2        | 12.3        | 12.5        | 12.5        | 12.5        | 12.5        | 12.5        |
| 125,0°       | 10.9                  | 11.2       | 11.4        | 11.6        | 11.8        | 11.8        | 12.0        | 12.0        | 12.0        | 12.0        | 12.0        | 12.1        | 12.1        |
| 127,5°       | 10.7                  | 10.9       | 11.1        | 11.2        | 11.4        | 11.4        | 11.6        | 11.6        | 11.7        | 11.7        | 11.8        | 11.8        | 11.8        |
| 130,0°       | 10.2                  | 10.5       | 10.8        | 10.9        | 10.9        | 11.1        | 11.1        | 11.2        | 11.4        | 11.4        | 11.4        | 11.4        | 11.4        |
| 132,5°       | 9.9                   | 10.1       | 10.2        | 10.3        | 10.5        | 10.6        | 10.7        | 10.8        | 10.9        | 10.9        | 10.9        | 10.9        | 11.0        |
| 135,0°       | 9.4                   | 9.6        | 9.8         | 9.9         | 10.1        | 10.2        | 10.3        | 10.3        | 10.5        | 10.5        | 10.5        | 10.5        | 10.6        |
| 137,5°       | 9.0                   | 9.2        | 9.2         | 9.5         | 9.6         | 9.8         | 9.9         | 10.1        | 10.1        | 10.1        | 10.1        | 10.1        | 10.2        |
| 140,0°       | 8.5                   | 8.7        | 9.0         | 9.2         | 9.2         | 9.3         | 9.5         | 9.6         | 9.6         | 9.6         | 9.8         | 9.8         | 10.0        |
| 142,5°       | 8.3                   | 8.3        | 8.7         | 8.7         | 8.8         | 9.2         | 9.2         | 9.2         | 9.2         | 9.4         | 9.5         | 9.6         | 9.6         |
| 145,0°       | 7.8                   | 7.9        | 8.2         | 8.3         | 8.5         | 8.7         | 8.7         | 8.8         | 9.0         | 8.9         | 9.2         | 9.2         | 9.2         |
| 147,5°       | 7.3                   | 7.5        | 7.7         | 7.8         | 7.9         | 8.2         | 8.3         | 8.3         | 8.3         | 8.5         | 8.6         | 8.6         | 8.7         |
| 150,0°       | 6.4                   | 6.6        | 6.8         | 7.0         | 7.1         | 7.4         | 7.4         | 7.4         | 7.6         | 7.7         | 7.7         | 7.9         | 7.9         |
| 152,5°       | 5.5                   | 5.7        | 5.7         | 5.9         | 6.0         | 6.3         | 6.3         | 6.4         | 6.6         | 6.6         | 6.6         | 6.6         | 6.6         |
| 155,0°       | 4.2                   | 4.4        | 4.6         | 4.7         | 4.8         | 4.9         | 5.0         | 5.1         | 5.1         | 5.2         | 5.2         | 5.2         | 5.2         |
| 157,5°       | 3.1                   | 3.2        | 3.4         | 3.5         | 3.5         | 3.5         | 3.7         | 3.7         | 3.7         | 3.7         | 3.8         | 3.7         | 3.9         |
| 160,0°       | 2.3                   | 2.4        | 2.5         | 2.6         | 2.6         | 2.6         | 2.6         | 2.6         | 2.6         | 2.6         | 2.6         | 2.6         | 2.6         |
| 162,5°       | 2.0                   | 2.2        | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         |
| 165,0°       | 1.7                   | 1.7        | 1.7         | 1.9         | 2.0         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         |
| 167,5°       | 1.7                   | 1.7        | 1.7         | 1.7         | 1.7         | 1.8         | 1.8         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         |
| 170,0°       | 1.5                   | 1.5        | 1.7         | 1.6         | 1.6         | 1.7         | 1.7         | 1.6         | 1.7         | 1.7         | 1.7         | 1.7         | 1.6         |
| 172,5°       | 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         |
| 175,0°       | 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         |
| 177,5°       | 0.0                   | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |
| 180,0°       | 0.0                   | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

## Lichttechnischer Prüfbefund

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| <b>Familie</b><br>DL 11 iQ             | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
| <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° |
|--------------|-----------------------|-------------|-------------|-------------|------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$     | Lichtstärke in cd/klm |             |             |             |            |      |              |              |              |              |              |              |              |
| 115,0°       | 13.6                  | 13.6        | 13.6        | 13.6        | 13.8       | 14.0 | 11.7         | 11.2         | 10.7         | 10.3         | 9.8          | 9.2          | 8.7          |
| 117,5°       | 13.1                  | 13.2        | 13.2        | 13.4        | 13.4       | 13.6 | 11.5         | 11.1         | 10.6         | 10.2         | 9.7          | 9.2          | 8.7          |
| 120,0°       | 12.9                  | 12.9        | 13.0        | 13.1        | 13.1       | 13.1 | 11.2         | 10.8         | 10.4         | 10.1         | 9.5          | 9.1          | 8.5          |
| 122,5°       | 12.7                  | 12.6        | 12.7        | 12.7        | 12.7       | 12.7 | 10.9         | 10.6         | 10.3         | 9.8          | 9.4          | 9.1          | 8.4          |
| 125,0°       | 12.2                  | 12.2        | 12.2        | 12.2        | 12.2       | 12.2 | 10.6         | 10.3         | 10.1         | 9.6          | 9.2          | 8.7          | 8.3          |
| 127,5°       | 11.8                  | 11.8        | 11.8        | 11.8        | 11.8       | 11.8 | 10.3         | 10.1         | 9.6          | 9.4          | 9.0          | 8.6          | 8.2          |
| 130,0°       | 11.4                  | 11.4        | 11.4        | 11.4        | 11.7       | 11.8 | 10.0         | 9.6          | 9.4          | 9.2          | 8.7          | 8.3          | 7.9          |
| 132,5°       | 11.0                  | 11.0        | 10.9        | 11.0        | 11.1       | 11.3 | 9.5          | 9.3          | 9.0          | 8.7          | 8.3          | 8.1          | 7.7          |
| 135,0°       | 10.7                  | 10.6        | 10.6        | 10.8        | 10.8       | 10.9 | 9.2          | 8.9          | 8.5          | 8.3          | 7.9          | 7.8          | 7.3          |
| 137,5°       | 10.4                  | 10.5        | 10.4        | 10.4        | 10.5       | 10.5 | 8.7          | 8.3          | 8.2          | 7.9          | 7.7          | 7.3          | 7.0          |
| 140,0°       | 10.1                  | 9.9         | 10.1        | 10.1        | 10.1       | 10.1 | 8.3          | 8.0          | 7.8          | 7.5          | 7.4          | 7.0          | 6.8          |
| 142,5°       | 9.6                   | 9.6         | 9.6         | 9.6         | 9.6        | 9.6  | 7.9          | 7.7          | 7.5          | 7.3          | 7.0          | 6.9          | 6.6          |
| 145,0°       | 9.2                   | 9.2         | 9.2         | 9.2         | 9.2        | 9.2  | 7.5          | 7.3          | 7.1          | 7.0          | 6.8          | 6.6          | 6.3          |
| 147,5°       | 8.7                   | 8.7         | 8.7         | 8.7         | 8.7        | 8.7  | 7.0          | 6.8          | 6.7          | 6.5          | 6.1          | 6.1          | 5.9          |
| 150,0°       | 7.9                   | 7.9         | 7.9         | 7.9         | 7.9        | 7.9  | 6.3          | 6.1          | 5.9          | 5.7          | 5.7          | 5.5          | 5.2          |
| 152,5°       | 6.7                   | 6.8         | 7.0         | 6.7         | 7.0        | 7.0  | 5.4          | 5.2          | 5.0          | 4.8          | 4.7          | 4.6          | 4.4          |
| 155,0°       | 5.2                   | 5.2         | 5.2         | 5.2         | 5.2        | 5.2  | 4.2          | 4.0          | 3.8          | 3.7          | 3.5          | 3.5          | 3.3          |
| 157,5°       | 3.9                   | 3.9         | 3.9         | 3.9         | 3.9        | 3.9  | 3.1          | 2.9          | 2.8          | 2.7          | 2.6          | 2.6          | 2.6          |
| 160,0°       | 2.6                   | 2.6         | 2.6         | 2.6         | 2.6        | 2.6  | 2.2          | 2.2          | 2.2          | 2.2          | 2.1          | 2.0          | 2.1          |
| 162,5°       | 2.2                   | 2.2         | 2.2         | 2.2         | 2.2        | 2.2  | 1.8          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          |
| 165,0°       | 2.2                   | 2.2         | 2.2         | 2.2         | 2.2        | 2.2  | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          |
| 167,5°       | 2.2                   | 2.2         | 2.2         | 2.2         | 2.2        | 2.2  | 1.7          | 1.6          | 1.7          | 1.7          | 1.7          | 1.7          | 1.5          |
| 170,0°       | 1.6                   | 1.7         | 1.7         | 1.7         | 1.7        | 1.7  | 1.5          | 1.5          | 1.5          | 1.3          | 1.4          | 1.3          | 1.3          |
| 172,5°       | 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          |
| 175,0°       | 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          |
| 177,5°       | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0        | 0.0  | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| 180,0°       | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0        | 0.0  | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |

## Lichttechnischer Prüfbefund

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| <b>Familie</b><br>DL 11 iQ | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
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| <b>Wertetabelle Lichtstärkemessung</b> | <b>Maximale Lichtstärke</b> | <b>siteco</b> |
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| 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 |
|--------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|----------------------|-------------------|
| $\gamma$     | Lichtstärke in cd/klm |              |              |              |              |              |              |              |              |              |      | Lichtstrom in lm/klm |                   |
| 115,0°       | 8.1                   | 7.7          | 7.2          | 6.9          | 6.5          | 6.0          | 5.7          | 5.3          | 4.9          | 4.8          | 4.8  | 2.6                  | 973.6             |
| 117,5°       | 8.1                   | 7.7          | 7.2          | 6.8          | 6.5          | 6.0          | 5.7          | 5.3          | 4.9          | 4.8          | 4.8  | 2.5                  | 976.1             |
| 120,0°       | 8.1                   | 7.6          | 7.1          | 6.8          | 6.5          | 6.0          | 5.7          | 5.3          | 5.0          | 4.8          | 4.8  | 2.4                  | 978.6             |
| 122,5°       | 7.9                   | 7.5          | 7.0          | 6.7          | 6.3          | 6.0          | 5.6          | 5.2          | 4.9          | 4.8          | 4.8  | 2.3                  | 980.9             |
| 125,0°       | 7.9                   | 7.4          | 7.0          | 6.6          | 6.2          | 5.9          | 5.6          | 5.2          | 4.9          | 4.8          | 4.8  | 2.2                  | 983.1             |
| 127,5°       | 7.8                   | 7.4          | 7.0          | 6.7          | 6.2          | 5.9          | 5.6          | 5.2          | 5.1          | 4.8          | 4.8  | 2.1                  | 985.1             |
| 130,0°       | 7.6                   | 7.2          | 6.8          | 6.6          | 6.1          | 5.9          | 5.6          | 5.2          | 5.0          | 4.8          | 4.8  | 1.9                  | 987.1             |
| 132,5°       | 7.3                   | 7.0          | 6.6          | 6.3          | 6.1          | 5.8          | 5.5          | 5.2          | 4.9          | 4.8          | 4.8  | 1.8                  | 988.9             |
| 135,0°       | 7.0                   | 6.8          | 6.3          | 6.1          | 5.8          | 5.6          | 5.3          | 5.0          | 4.8          | 4.8          | 4.8  | 1.7                  | 990.6             |
| 137,5°       | 6.7                   | 6.5          | 6.1          | 6.0          | 5.7          | 5.5          | 5.2          | 4.9          | 4.8          | 4.8          | 4.8  | 1.5                  | 992.1             |
| 140,0°       | 6.5                   | 6.3          | 6.1          | 5.7          | 5.7          | 5.3          | 5.2          | 4.9          | 4.8          | 4.8          | 4.8  | 1.4                  | 993.5             |
| 142,5°       | 6.3                   | 6.1          | 5.8          | 5.7          | 5.7          | 5.3          | 5.1          | 4.8          | 4.8          | 4.8          | 4.8  | 1.3                  | 994.8             |
| 145,0°       | 6.1                   | 6.0          | 5.7          | 5.7          | 5.3          | 5.2          | 5.0          | 4.8          | 4.7          | 4.8          | 4.8  | 1.2                  | 996.0             |
| 147,5°       | 5.7                   | 5.5          | 5.4          | 5.2          | 5.2          | 4.9          | 4.8          | 4.5          | 4.4          | 4.4          | 4.7  | 1.0                  | 997.0             |
| 150,0°       | 5.1                   | 4.8          | 4.8          | 4.6          | 4.4          | 4.4          | 4.0          | 3.9          | 3.9          | 3.9          | 3.9  | 0.9                  | 997.8             |
| 152,5°       | 4.3                   | 4.0          | 3.9          | 3.9          | 3.6          | 3.5          | 3.5          | 3.2          | 3.1          | 3.1          | 3.1  | 0.7                  | 998.5             |
| 155,0°       | 3.2                   | 3.1          | 3.1          | 3.1          | 2.9          | 2.7          | 2.6          | 2.6          | 2.6          | 2.6          | 2.6  | 0.5                  | 999.0             |
| 157,5°       | 2.6                   | 2.4          | 2.4          | 2.2          | 2.2          | 2.2          | 2.2          | 2.2          | 2.2          | 2.2          | 2.2  | 0.3                  | 999.3             |
| 160,0°       | 1.8                   | 2.0          | 1.9          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7  | 0.2                  | 999.5             |
| 162,5°       | 1.7                   | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7  | 0.2                  | 999.7             |
| 165,0°       | 1.7                   | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7  | 0.1                  | 999.8             |
| 167,5°       | 1.7                   | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.7          | 1.6          | 1.5          | 1.6  | 0.1                  | 999.9             |
| 170,0°       | 1.3                   | 1.4          | 1.3          | 1.3          | 1.3          | 1.5          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3  | 0.1                  | 1000.0            |
| 172,5°       | 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            |
| 175,0°       | 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            |
| 177,5°       | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0  | 0.0                  | 1000.0            |
| 180,0°       | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0  | 0.0                  | 1000.0            |



## Lichttechnischer Prüfbefund

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| <b>Familie</b><br>DL 11 iQ | <b>Bestell-Nr.: 5XA5565FF14HP00022 + 5XA54000XS</b><br><b>EAN: 4058352955949 + 4050737730073</b> | <b>LP-Nummer</b><br>59431_147 |
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| <b>Dimmstufen-Tabelle</b> | Umgebungstemperatur: 25°C | <b>siteco</b> |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100            | 254              | 254                     | 4530            | 33.6                                 | 35.9                               | 34.8                            |
| 95             | 241              | 252                     | 4298            | 31.3                                 | 33.5                               | 32.4                            |
| 90             | 229              | 250                     | 4084            | 29.4                                 | 31.4                               | 30.4                            |
| 85             | 216              | 248                     | 3852            | 27.3                                 | 29.2                               | 28.2                            |
| 80             | 203              | 246                     | 3620            | 25.4                                 | 27.1                               | 26.2                            |
| 75             | 190              | 243                     | 3389            | 23.5                                 | 25.1                               | 24.3                            |
| 70             | 178              | 241                     | 3175            | 21.9                                 | 23.3                               | 22.6                            |
| 65             | 165              | 238                     | 2943            | 20.1                                 | 21.4                               | 20.8                            |
| 60             | 152              | 235                     | 2711            | 18.4                                 | 19.5                               | 19.0                            |
| 55             | 140              | 232                     | 2497            | 16.8                                 | 17.9                               | 17.4                            |
| 50             | 127              | 229                     | 2265            | 15.2                                 | 16.2                               | 15.7                            |
| 45             | 114              | 225                     | 2033            | 13.7                                 | 14.5                               | 14.1                            |
| 40             | 102              | 221                     | 1819            | 12.2                                 | 13.0                               | 12.6                            |
| 35             | 89               | 216                     | 1587            | 10.7                                 | 11.3                               | 11.0                            |
| 30             | 76               | 210                     | 1355            | 9.2                                  | 9.7                                | 9.4                             |
| 25             | 63               | 203                     | 1124            | 7.8                                  | 8.2                                | 8.0                             |
| 20             | 51               | 195                     | 910             | 6.6                                  | 6.9                                | 6.8                             |
| 15             | 38               | 184                     | 678             | 5.2                                  | 5.5                                | 5.4                             |
| 11             | 28               | 173                     | 499             | 4.1                                  | 4.4                                | 4.2                             |