
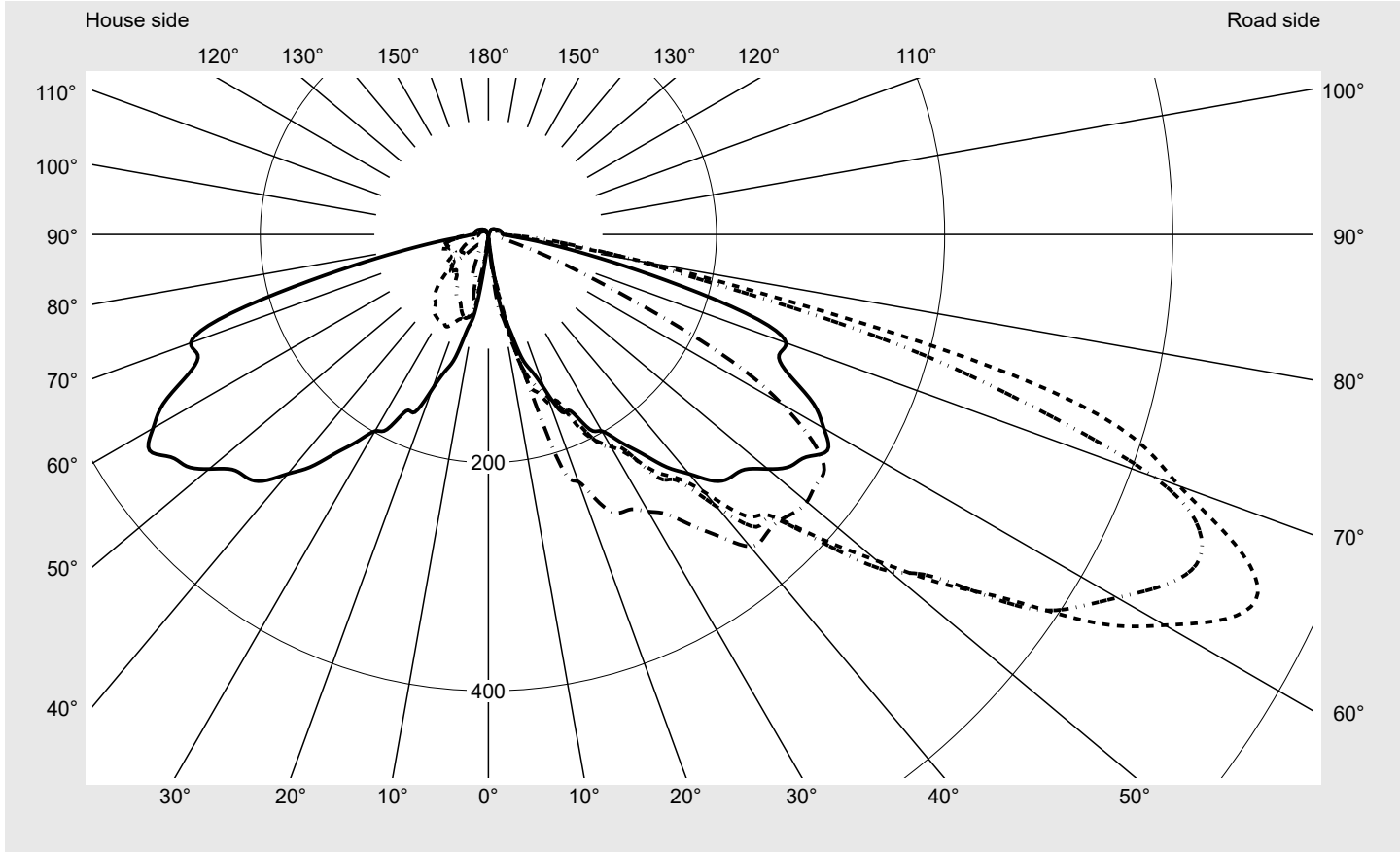


# Photometric test report

|   |  |  |
|---|--|--|
| <b>Family</b><br><b>DL 11 iQ</b>  | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b>   | <b>LP number</b><br><b>59404_199</b>             |
|   | <b>Version</b> post-top- or mounting to wall arm<br><b>Optic</b> asymmetric, wide distribution (ST1.2a)<br><b>Cover</b> cover transparent, PMMA<br><b>Lamps</b> LED 4000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 5060 lm<br>Power consumption = 33.6 W<br>Luminous efficacy = 150.6 lm/W | <b>serial documentation</b><br><b>17.07.2024</b> |

**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 744 cd/klm**



| Luminaire output ratios |        |
|-------------------------|--------|
| Eta                     | 100.0% |
| Eta 0° - 90°            | 95.4%  |
| Eta 90° - 180°          | 4.6%   |

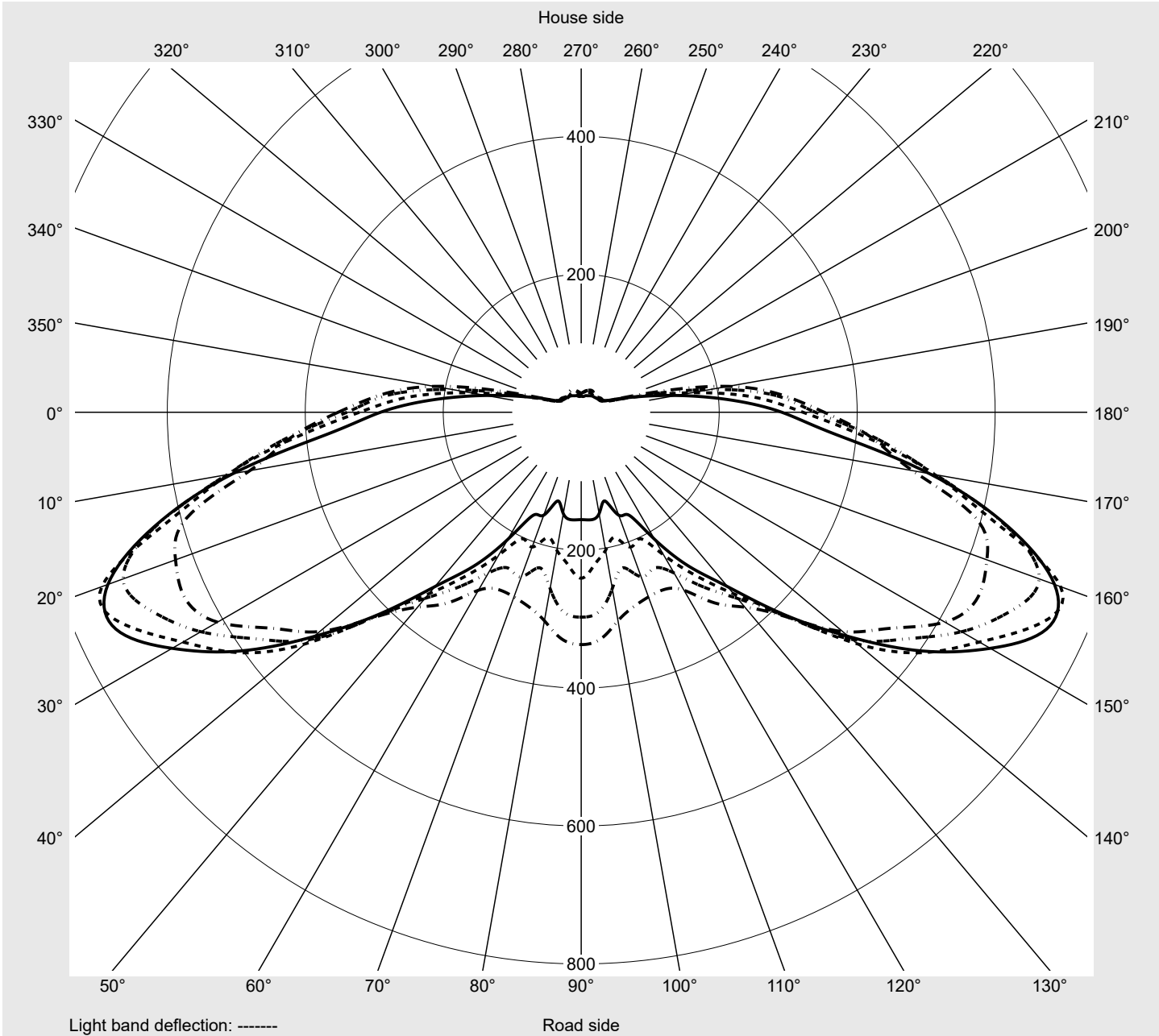
| Luminous intensity class acc. to EN13201-2 |       |
|--|-------|
| Class:                                     | G1    |
| Imax 70°                                   | 653.9 |
| Imax 80°                                   | 166.6 |
| Imax 90°                                   | 13.3  |
| Imax >90°                                  | 12.2  |
| Imax >95°                                  | 12.0  |

**Measurement conditions**  
DIN EN 13032 and DIN 5032

**Photometric test report**

|                           |  |                               |
|---------------------------|--|-------------------------------|
| Family<br><b>DL 11 iQ</b> | Order number: <b>5XA5565KF14HP00022</b><br>EAN: <b>4058352956069</b> | LP number<br><b>59404_199</b> |
|---------------------------|--|-------------------------------|

Envelope curve in cd/klm KMK 65° KMK 62,5° KMK 60° KMK 57,5° siteco



## Photometric test report

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Family</b><br>DL 11 iQ                       | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b> | <b>LP number</b><br>59404_199     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>siteco</b>                     |

| C-planes | 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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 4.1                          | 4.1        | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         | 4.1         |
| 2,5°     | 4.1                          | 4.1        | 4.2         | 4.4         | 4.5         | 4.6         | 4.7         | 4.8         | 4.9         | 5.1         | 5.2         | 5.3         | 5.4         |
| 5,0°     | 7.1                          | 7.9        | 8.7         | 9.4         | 10.5        | 12.4        | 14.2        | 15.5        | 16.6        | 17.2        | 17.6        | 17.7        | 17.7        |
| 7,5°     | 30.1                         | 32.0       | 35.4        | 37.5        | 36.8        | 36.6        | 36.1        | 35.2        | 34.6        | 34.5        | 35.5        | 37.8        | 41.1        |
| 10,0°    | 70.1                         | 66.6       | 62.8        | 62.5        | 60.6        | 56.4        | 51.9        | 50.0        | 51.2        | 54.9        | 60.7        | 67.9        | 71.2        |
| 12,5°    | 85.0                         | 89.9       | 87.9        | 86.5        | 86.3        | 90.3        | 99.7        | 107.8       | 110.9       | 106.6       | 100.0       | 96.4        | 94.2        |
| 15,0°    | 111.0                        | 115.7      | 123.9       | 132.8       | 135.3       | 135.0       | 125.7       | 124.6       | 120.2       | 123.6       | 122.9       | 123.2       | 125.9       |
| 17,5°    | 125.2                        | 133.8      | 146.2       | 149.9       | 143.5       | 145.5       | 139.9       | 154.3       | 143.6       | 142.8       | 140.7       | 140.4       | 145.7       |
| 20,0°    | 144.4                        | 146.2      | 153.6       | 152.6       | 161.2       | 158.2       | 151.1       | 146.7       | 150.2       | 152.3       | 152.9       | 161.5       | 170.3       |
| 22,5°    | 168.5                        | 170.6      | 171.1       | 165.8       | 162.4       | 158.1       | 163.3       | 161.8       | 162.1       | 160.6       | 160.2       | 166.1       | 176.5       |
| 25,0°    | 170.7                        | 176.5      | 179.1       | 186.6       | 187.3       | 185.5       | 179.6       | 171.8       | 180.5       | 182.5       | 179.1       | 174.5       | 195.8       |
| 27,5°    | 192.5                        | 196.0      | 194.3       | 193.6       | 196.9       | 203.5       | 204.2       | 195.8       | 194.7       | 197.2       | 198.2       | 188.7       | 212.5       |
| 30,0°    | 199.0                        | 211.2      | 214.4       | 214.8       | 211.5       | 214.7       | 214.6       | 216.6       | 218.9       | 221.3       | 218.6       | 208.8       | 232.5       |
| 32,5°    | 215.8                        | 215.2      | 219.1       | 212.6       | 225.3       | 229.2       | 225.1       | 219.4       | 232.6       | 240.9       | 232.0       | 228.8       | 250.4       |
| 35,0°    | 234.2                        | 240.3      | 237.4       | 226.7       | 240.9       | 253.0       | 260.5       | 249.9       | 253.9       | 273.5       | 265.8       | 249.2       | 271.9       |
| 37,5°    | 257.1                        | 255.6      | 257.0       | 258.2       | 264.4       | 268.3       | 271.6       | 266.5       | 277.4       | 284.7       | 283.5       | 271.9       | 292.4       |
| 40,0°    | 273.9                        | 269.0      | 272.8       | 266.2       | 281.2       | 294.8       | 311.3       | 287.2       | 284.3       | 310.0       | 299.4       | 289.1       | 313.1       |
| 42,5°    | 293.0                        | 293.2      | 293.0       | 290.3       | 302.3       | 334.8       | 347.6       | 335.4       | 327.2       | 338.4       | 323.4       | 310.9       | 328.7       |
| 45,0°    | 300.7                        | 293.7      | 312.6       | 312.6       | 330.1       | 348.0       | 351.2       | 351.9       | 350.2       | 373.8       | 364.8       | 330.5       | 342.9       |
| 47,5°    | 304.9                        | 305.5      | 327.8       | 333.5       | 357.0       | 394.0       | 402.7       | 398.0       | 388.5       | 386.2       | 374.9       | 342.4       | 353.3       |
| 50,0°    | 319.7                        | 332.4      | 365.4       | 387.4       | 396.2       | 445.1       | 459.2       | 440.8       | 409.7       | 398.8       | 379.6       | 346.9       | 346.3       |
| 52,5°    | 333.7                        | 373.9      | 412.9       | 472.1       | 471.1       | 503.2       | 493.4       | 465.1       | 427.8       | 417.0       | 390.2       | 359.2       | 339.8       |
| 55,0°    | 340.1                        | 401.4      | 433.4       | 524.3       | 546.6       | 558.1       | 568.0       | 499.5       | 466.3       | 422.9       | 382.1       | 355.5       | 318.1       |
| 57,5°    | 352.3                        | 422.6      | 487.8       | 592.0       | 625.8       | 634.6       | 608.7       | 546.3       | 494.7       | 419.1       | 369.0       | 337.6       | 298.1       |
| 60,0°    | 339.5                        | 428.3      | 522.2       | 638.3       | 706.5       | 684.9       | 636.6       | 573.2       | 512.6       | 418.3       | 352.5       | 309.4       | 269.1       |
| 62,5°    | 321.5                        | 414.8      | 520.2       | 623.7       | 739.4       | 729.4       | 666.6       | 607.6       | 522.6       | 415.3       | 343.5       | 288.8       | 239.0       |
| 65,0°    | 290.8                        | 370.7      | 512.6       | 640.6       | 730.2       | 744.3       | 684.7       | 603.6       | 506.0       | 414.2       | 330.2       | 273.1       | 212.9       |
| 67,5°    | 275.8                        | 326.1      | 476.1       | 602.2       | 721.4       | 708.1       | 674.3       | 581.8       | 487.7       | 389.2       | 317.3       | 252.4       | 183.9       |
| 70,0°    | 277.7                        | 345.3      | 463.7       | 594.3       | 653.9       | 644.8       | 620.5       | 528.4       | 432.2       | 355.1       | 287.7       | 225.7       | 160.5       |
| 72,5°    | 248.0                        | 355.4      | 412.8       | 559.9       | 615.1       | 593.3       | 498.1       | 449.3       | 362.2       | 288.1       | 231.7       | 181.7       | 136.7       |
| 75,0°    | 176.5                        | 283.3      | 367.2       | 480.9       | 500.3       | 476.0       | 369.4       | 326.4       | 242.7       | 188.6       | 182.0       | 159.8       | 126.6       |
| 77,5°    | 110.9                        | 173.9      | 246.2       | 322.1       | 334.3       | 269.5       | 213.8       | 181.0       | 152.7       | 129.7       | 140.9       | 130.8       | 113.8       |
| 80,0°    | 66.7                         | 95.3       | 130.6       | 161.6       | 166.6       | 142.0       | 133.1       | 129.0       | 102.4       | 78.8        | 67.1        | 57.9        | 55.4        |
| 82,5°    | 39.8                         | 49.4       | 58.2        | 69.9        | 79.4        | 61.2        | 80.1        | 91.0        | 70.4        | 44.8        | 25.7        | 22.2        | 15.7        |
| 85,0°    | 22.8                         | 23.8       | 22.3        | 23.5        | 21.5        | 26.4        | 50.3        | 58.2        | 44.5        | 22.5        | 15.3        | 13.3        | 11.0        |
| 87,5°    | 17.2                         | 15.9       | 15.2        | 15.3        | 15.5        | 17.7        | 23.6        | 24.1        | 17.2        | 12.4        | 11.3        | 10.3        | 9.6         |
| 90,0°    | 13.3                         | 12.8       | 12.5        | 12.0        | 11.7        | 11.7        | 11.1        | 10.7        | 10.2        | 9.9         | 9.5         | 9.3         | 9.0         |
| 92,5°    | 12.2                         | 12.1       | 11.9        | 11.7        | 11.3        | 11.0        | 10.6        | 10.2        | 9.9         | 9.6         | 9.3         | 9.0         | 8.8         |
| 95,0°    | 12.0                         | 11.9       | 11.8        | 11.5        | 11.2        | 10.9        | 10.4        | 10.1        | 9.8         | 9.5         | 9.2         | 9.0         | 8.8         |
| 97,5°    | 12.0                         | 11.8       | 11.7        | 11.3        | 11.1        | 10.7        | 10.4        | 10.1        | 9.7         | 9.5         | 9.1         | 9.0         | 8.8         |
| 100,0°   | 11.8                         | 11.7       | 11.5        | 11.2        | 10.9        | 10.6        | 10.2        | 9.8         | 9.5         | 9.3         | 9.0         | 8.8         | 8.6         |
| 102,5°   | 11.7                         | 11.5       | 11.3        | 11.1        | 10.7        | 10.4        | 10.1        | 9.7         | 9.5         | 9.2         | 9.0         | 8.8         | 8.6         |
| 105,0°   | 11.4                         | 11.3       | 11.1        | 10.8        | 10.5        | 10.2        | 9.8         | 9.5         | 9.3         | 9.0         | 8.8         | 8.6         | 8.4         |
| 107,5°   | 11.1                         | 10.9       | 10.7        | 10.5        | 10.1        | 9.9         | 9.5         | 9.3         | 9.0         | 8.9         | 8.6         | 8.4         | 8.4         |
| 110,0°   | 10.6                         | 10.6       | 10.4        | 10.2        | 9.9         | 9.5         | 9.3         | 9.1         | 8.9         | 8.7         | 8.5         | 8.4         | 8.3         |
| 112,5°   | 10.3                         | 10.2       | 10.1        | 9.9         | 9.5         | 9.3         | 9.1         | 8.9         | 8.7         | 8.5         | 8.4         | 8.3         | 8.1         |

## Photometric test report

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Family</b><br>DL 11 iQ                       | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b> | <b>LP number</b><br>59404_199     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>siteco</b>                     |

| C-planes | 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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 4.1                          | 4.1         | 4.1         | 4.1         | 4.1        | 4.1   | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          |
| 2,5°     | 5.6                          | 5.7         | 5.7         | 5.8         | 5.8        | 5.9   | 4.0          | 4.0          | 4.0          | 4.1          | 4.0          | 4.1          | 4.1          |
| 5,0°     | 17.6                         | 17.1        | 17.0        | 16.9        | 16.2       | 16.2  | 6.3          | 5.9          | 5.5          | 5.1          | 4.9          | 4.9          | 4.9          |
| 7,5°     | 46.4                         | 49.7        | 52.4        | 57.3        | 59.1       | 60.1  | 26.1         | 22.0         | 18.7         | 16.7         | 14.4         | 12.9         | 12.3         |
| 10,0°    | 75.3                         | 75.2        | 74.3        | 74.7        | 73.0       | 74.5  | 72.6         | 76.8         | 77.4         | 71.4         | 61.9         | 53.7         | 47.6         |
| 12,5°    | 93.7                         | 95.9        | 96.4        | 97.4        | 97.9       | 99.0  | 79.6         | 76.8         | 75.8         | 74.1         | 73.2         | 71.4         | 66.0         |
| 15,0°    | 131.7                        | 135.6       | 137.3       | 139.4       | 136.9      | 137.8 | 106.9        | 93.1         | 88.3         | 79.2         | 78.1         | 75.9         | 68.2         |
| 17,5°    | 151.7                        | 164.0       | 178.5       | 196.9       | 209.2      | 214.8 | 117.1        | 104.0        | 96.2         | 84.3         | 77.7         | 74.1         | 67.6         |
| 20,0°    | 186.4                        | 196.9       | 212.9       | 224.9       | 228.3      | 230.5 | 136.8        | 123.8        | 111.1        | 92.6         | 80.3         | 69.6         | 58.0         |
| 22,5°    | 189.8                        | 206.1       | 221.9       | 233.7       | 246.2      | 254.7 | 159.9        | 145.8        | 123.8        | 105.1        | 85.9         | 64.4         | 48.2         |
| 25,0°    | 209.6                        | 221.1       | 237.4       | 262.0       | 269.4      | 269.2 | 164.2        | 146.4        | 127.6        | 104.6        | 88.7         | 62.7         | 43.9         |
| 27,5°    | 225.8                        | 233.9       | 260.9       | 272.5       | 273.5      | 271.4 | 178.9        | 164.3        | 128.3        | 103.4        | 85.4         | 60.6         | 39.3         |
| 30,0°    | 246.9                        | 251.4       | 275.5       | 284.2       | 279.6      | 280.4 | 181.9        | 166.5        | 137.9        | 116.3        | 86.5         | 55.4         | 34.6         |
| 32,5°    | 266.9                        | 272.2       | 290.5       | 295.2       | 290.9      | 290.5 | 205.8        | 190.1        | 150.1        | 118.6        | 85.2         | 50.1         | 33.9         |
| 35,0°    | 285.5                        | 290.8       | 308.2       | 313.6       | 310.2      | 311.5 | 213.7        | 196.0        | 155.6        | 119.3        | 82.8         | 50.1         | 33.2         |
| 37,5°    | 308.9                        | 325.9       | 332.7       | 331.8       | 331.7      | 333.9 | 241.5        | 220.2        | 173.4        | 133.5        | 75.9         | 45.4         | 35.1         |
| 40,0°    | 327.5                        | 348.2       | 342.0       | 342.6       | 344.9      | 356.9 | 262.0        | 225.1        | 166.3        | 124.6        | 73.5         | 44.0         | 37.6         |
| 42,5°    | 344.0                        | 358.8       | 345.0       | 346.9       | 353.4      | 358.6 | 266.9        | 221.9        | 163.8        | 114.9        | 68.7         | 42.1         | 38.8         |
| 45,0°    | 353.9                        | 358.1       | 344.5       | 353.9       | 357.7      | 357.2 | 287.1        | 233.8        | 167.5        | 107.7        | 61.2         | 45.9         | 43.0         |
| 47,5°    | 361.6                        | 354.6       | 348.3       | 360.0       | 365.1      | 361.8 | 287.6        | 230.4        | 157.0        | 95.1         | 51.0         | 43.7         | 39.9         |
| 50,0°    | 358.8                        | 346.2       | 345.1       | 356.9       | 364.7      | 364.5 | 291.9        | 230.5        | 148.8        | 83.9         | 42.0         | 39.4         | 35.4         |
| 52,5°    | 343.5                        | 334.5       | 343.5       | 348.4       | 360.3      | 361.4 | 293.1        | 231.6        | 139.5        | 75.1         | 38.8         | 35.8         | 32.7         |
| 55,0°    | 314.0                        | 315.8       | 328.5       | 338.9       | 351.6      | 359.4 | 301.5        | 242.5        | 137.6        | 73.4         | 43.8         | 37.1         | 33.1         |
| 57,5°    | 283.8                        | 285.0       | 292.3       | 307.1       | 329.7      | 337.0 | 291.1        | 216.4        | 115.5        | 58.3         | 40.1         | 35.9         | 35.1         |
| 60,0°    | 249.5                        | 253.8       | 233.4       | 259.6       | 290.8      | 297.1 | 282.1        | 189.8        | 98.6         | 51.3         | 38.2         | 34.1         | 34.1         |
| 62,5°    | 202.3                        | 208.0       | 188.0       | 203.3       | 221.8      | 240.7 | 251.6        | 162.7        | 90.5         | 53.9         | 39.3         | 32.9         | 31.5         |
| 65,0°    | 164.9                        | 158.9       | 133.3       | 149.3       | 156.6      | 155.7 | 212.5        | 140.1        | 87.8         | 57.3         | 39.3         | 33.6         | 31.6         |
| 67,5°    | 136.9                        | 108.9       | 82.7        | 92.6        | 93.0       | 91.0  | 195.3        | 129.5        | 84.9         | 55.8         | 38.8         | 34.2         | 32.4         |
| 70,0°    | 115.2                        | 81.2        | 45.7        | 41.6        | 45.4       | 50.0  | 189.3        | 128.1        | 81.5         | 49.4         | 37.3         | 33.9         | 32.9         |
| 72,5°    | 93.6                         | 53.5        | 26.9        | 19.5        | 19.2       | 21.1  | 166.4        | 126.4        | 79.9         | 49.6         | 41.5         | 35.7         | 34.1         |
| 75,0°    | 75.2                         | 25.6        | 17.1        | 13.3        | 12.7       | 12.5  | 125.1        | 94.2         | 70.8         | 46.3         | 43.7         | 37.7         | 33.8         |
| 77,5°    | 43.3                         | 16.6        | 13.3        | 11.2        | 10.8       | 10.8  | 76.4         | 63.0         | 59.6         | 42.8         | 39.5         | 37.1         | 33.6         |
| 80,0°    | 17.9                         | 12.5        | 11.0        | 10.3        | 10.1       | 10.0  | 57.2         | 54.4         | 48.1         | 38.9         | 35.6         | 35.9         | 32.0         |
| 82,5°    | 11.7                         | 10.2        | 9.6         | 9.5         | 9.5        | 9.3   | 36.4         | 36.1         | 34.9         | 31.6         | 31.2         | 29.1         | 24.3         |
| 85,0°    | 10.0                         | 9.2         | 9.0         | 9.0         | 9.0        | 9.0   | 22.4         | 24.2         | 26.5         | 28.0         | 26.8         | 24.4         | 20.9         |
| 87,5°    | 9.2                          | 8.9         | 8.8         | 8.6         | 8.6        | 8.6   | 17.8         | 18.7         | 19.5         | 19.3         | 18.7         | 18.2         | 17.5         |
| 90,0°    | 8.8                          | 8.6         | 8.5         | 8.4         | 8.3        | 8.3   | 13.1         | 12.9         | 12.7         | 12.5         | 12.4         | 12.2         | 12.0         |
| 92,5°    | 8.6                          | 8.4         | 8.4         | 8.2         | 8.2        | 8.1   | 12.2         | 12.2         | 12.1         | 12.0         | 11.8         | 11.7         | 11.6         |
| 95,0°    | 8.6                          | 8.4         | 8.3         | 8.2         | 8.1        | 8.1   | 12.1         | 12.1         | 11.9         | 11.8         | 11.7         | 11.5         | 11.3         |
| 97,5°    | 8.6                          | 8.4         | 8.3         | 8.2         | 8.1        | 8.1   | 11.9         | 11.9         | 11.9         | 11.7         | 11.5         | 11.5         | 11.3         |
| 100,0°   | 8.5                          | 8.4         | 8.3         | 8.3         | 8.1        | 8.1   | 11.9         | 11.9         | 11.7         | 11.7         | 11.5         | 11.3         | 11.1         |
| 102,5°   | 8.4                          | 8.3         | 8.3         | 8.1         | 8.1        | 8.1   | 11.7         | 11.7         | 11.6         | 11.4         | 11.2         | 11.1         | 11.0         |
| 105,0°   | 8.4                          | 8.2         | 8.1         | 8.1         | 8.1        | 8.1   | 11.4         | 11.4         | 11.4         | 11.2         | 11.1         | 10.8         | 10.6         |
| 107,5°   | 8.3                          | 8.1         | 8.1         | 8.1         | 8.0        | 8.1   | 11.1         | 11.1         | 11.0         | 10.9         | 10.6         | 10.5         | 10.2         |
| 110,0°   | 8.1                          | 8.1         | 8.1         | 8.0         | 7.9        | 7.9   | 10.6         | 10.6         | 10.6         | 10.4         | 10.2         | 10.1         | 9.9          |
| 112,5°   | 8.1                          | 8.0         | 7.9         | 7.9         | 7.9        | 7.9   | 10.3         | 10.3         | 10.1         | 10.1         | 9.9          | 9.6          | 9.4          |

## Photometric test report

|   |  |                                   |
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| <b>Family</b><br>DL 11 iQ                       | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b> | <b>LP number</b><br>59404_199     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>sITeco</b>                     |

| C-planes | 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                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |      | Luminous flux in lm/klm |                   |
| 0,0°     | 4.1                          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1          | 4.1  | 0.0                     | 0.0               |
| 2,5°     | 4.2                          | 4.2          | 4.4          | 4.6          | 4.9          | 5.0          | 4.8          | 4.7          | 4.7          | 4.7          | 4.7  | 0.1                     | 0.1               |
| 5,0°     | 4.9                          | 4.9          | 5.0          | 5.1          | 5.1          | 5.2          | 5.0          | 5.2          | 5.2          | 5.2          | 5.2  | 0.2                     | 0.3               |
| 7,5°     | 11.8                         | 12.0         | 11.7         | 11.5         | 11.1         | 10.8         | 10.5         | 9.6          | 9.0          | 8.6          | 8.4  | 1.0                     | 1.3               |
| 10,0°    | 44.0                         | 41.8         | 39.4         | 37.7         | 35.9         | 34.5         | 32.7         | 31.8         | 32.3         | 32.3         | 31.6 | 2.7                     | 4.0               |
| 12,5°    | 56.8                         | 48.2         | 42.6         | 37.7         | 36.7         | 38.5         | 41.2         | 44.1         | 50.7         | 55.4         | 56.6 | 4.6                     | 8.5               |
| 15,0°    | 63.3                         | 64.1         | 65.6         | 64.0         | 51.7         | 41.0         | 39.0         | 41.8         | 45.1         | 46.4         | 46.6 | 6.9                     | 15.4              |
| 17,5°    | 61.1                         | 58.0         | 56.1         | 57.0         | 54.1         | 45.1         | 39.2         | 42.6         | 41.2         | 38.3         | 37.8 | 9.1                     | 24.6              |
| 20,0°    | 48.6                         | 46.7         | 46.7         | 45.7         | 44.2         | 38.6         | 32.9         | 38.6         | 39.6         | 39.7         | 39.5 | 11.1                    | 35.7              |
| 22,5°    | 39.9                         | 38.3         | 37.4         | 36.0         | 34.5         | 31.5         | 25.9         | 30.3         | 33.1         | 34.2         | 35.3 | 13.0                    | 48.7              |
| 25,0°    | 37.3                         | 33.5         | 32.2         | 30.9         | 29.5         | 27.0         | 24.7         | 24.2         | 26.1         | 26.1         | 25.8 | 15.2                    | 64.0              |
| 27,5°    | 34.6                         | 31.2         | 29.6         | 28.4         | 26.3         | 23.9         | 22.4         | 19.8         | 21.3         | 20.5         | 19.8 | 17.6                    | 81.5              |
| 30,0°    | 31.8                         | 29.6         | 28.0         | 26.9         | 24.7         | 22.0         | 20.4         | 17.9         | 18.3         | 17.2         | 16.0 | 20.2                    | 101.7             |
| 32,5°    | 31.6                         | 29.7         | 27.5         | 25.5         | 22.9         | 20.2         | 18.6         | 17.0         | 16.4         | 15.5         | 14.2 | 22.8                    | 124.5             |
| 35,0°    | 31.3                         | 29.0         | 26.3         | 24.3         | 21.8         | 19.3         | 17.7         | 16.3         | 15.5         | 14.4         | 13.3 | 26.2                    | 150.7             |
| 37,5°    | 31.5                         | 28.1         | 25.4         | 23.1         | 21.1         | 18.8         | 17.1         | 15.9         | 15.0         | 14.0         | 12.8 | 29.9                    | 180.6             |
| 40,0°    | 34.4                         | 29.8         | 25.5         | 22.8         | 21.2         | 18.8         | 17.2         | 15.7         | 14.9         | 13.9         | 12.5 | 33.2                    | 213.8             |
| 42,5°    | 35.7                         | 30.2         | 25.8         | 23.5         | 21.1         | 19.7         | 17.7         | 16.0         | 15.0         | 13.8         | 12.5 | 37.0                    | 250.8             |
| 45,0°    | 36.2                         | 29.9         | 26.4         | 25.3         | 23.8         | 22.4         | 21.5         | 18.4         | 16.0         | 14.2         | 12.5 | 40.4                    | 291.1             |
| 47,5°    | 34.9                         | 29.4         | 28.3         | 29.3         | 28.8         | 27.2         | 25.4         | 23.6         | 23.1         | 19.2         | 17.7 | 43.9                    | 335.1             |
| 50,0°    | 31.2                         | 28.5         | 29.0         | 30.3         | 31.7         | 30.8         | 30.2         | 29.9         | 29.3         | 29.6         | 32.9 | 47.7                    | 382.7             |
| 52,5°    | 30.1                         | 27.5         | 27.7         | 29.6         | 31.8         | 32.1         | 31.9         | 34.8         | 36.4         | 31.2         | 28.4 | 51.6                    | 434.3             |
| 55,0°    | 30.4                         | 28.5         | 28.3         | 31.3         | 35.0         | 36.1         | 32.5         | 31.4         | 30.8         | 28.5         | 27.4 | 55.1                    | 489.5             |
| 57,5°    | 33.3                         | 31.6         | 31.0         | 32.1         | 33.5         | 34.5         | 33.6         | 32.6         | 31.2         | 29.1         | 28.0 | 57.7                    | 547.2             |
| 60,0°    | 32.6                         | 30.8         | 30.9         | 32.5         | 34.5         | 35.0         | 34.1         | 32.3         | 30.1         | 28.6         | 27.7 | 58.6                    | 605.8             |
| 62,5°    | 30.5                         | 28.4         | 29.1         | 29.7         | 30.7         | 31.2         | 30.3         | 29.6         | 27.4         | 25.9         | 25.3 | 57.7                    | 663.5             |
| 65,0°    | 30.5                         | 29.6         | 28.9         | 28.5         | 27.5         | 26.4         | 25.5         | 24.9         | 23.5         | 23.0         | 23.1 | 55.5                    | 719.0             |
| 67,5°    | 32.1                         | 30.7         | 29.5         | 28.0         | 24.2         | 22.3         | 21.9         | 21.8         | 20.6         | 20.1         | 20.3 | 52.0                    | 771.0             |
| 70,0°    | 33.4                         | 30.7         | 29.1         | 26.5         | 21.2         | 19.2         | 18.7         | 18.8         | 18.1         | 17.7         | 17.2 | 48.2                    | 819.2             |
| 72,5°    | 33.3                         | 31.0         | 29.6         | 24.0         | 18.7         | 16.4         | 16.7         | 16.6         | 16.0         | 15.2         | 14.7 | 42.9                    | 862.1             |
| 75,0°    | 32.4                         | 29.8         | 27.3         | 21.0         | 18.2         | 14.6         | 15.9         | 16.3         | 15.8         | 14.8         | 14.4 | 34.5                    | 896.7             |
| 77,5°    | 29.9                         | 28.2         | 24.3         | 19.8         | 18.2         | 14.3         | 15.4         | 16.7         | 16.6         | 15.9         | 15.2 | 23.6                    | 920.3             |
| 80,0°    | 26.6                         | 23.9         | 19.8         | 16.6         | 15.1         | 13.3         | 13.8         | 15.1         | 15.5         | 14.9         | 14.4 | 14.5                    | 934.8             |
| 82,5°    | 22.5                         | 19.5         | 17.2         | 15.1         | 14.0         | 12.8         | 12.4         | 12.7         | 12.2         | 11.0         | 10.3 | 8.6                     | 943.4             |
| 85,0°    | 17.3                         | 15.7         | 15.1         | 13.9         | 12.9         | 11.4         | 11.3         | 11.1         | 10.6         | 9.8          | 9.3  | 5.4                     | 948.8             |
| 87,5°    | 15.2                         | 13.6         | 13.7         | 14.0         | 12.2         | 11.0         | 10.8         | 10.6         | 10.1         | 9.3          | 8.8  | 3.9                     | 952.7             |
| 90,0°    | 11.8                         | 11.7         | 11.6         | 11.6         | 11.1         | 10.6         | 10.5         | 10.3         | 9.8          | 9.0          | 8.4  | 3.0                     | 955.7             |
| 92,5°    | 11.4                         | 11.2         | 11.1         | 10.9         | 10.7         | 10.6         | 10.4         | 10.2         | 9.7          | 8.8          | 8.3  | 2.9                     | 958.5             |
| 95,0°    | 11.2                         | 11.1         | 11.0         | 10.8         | 10.7         | 10.5         | 10.3         | 10.2         | 9.6          | 8.7          | 8.3  | 2.8                     | 961.4             |
| 97,5°    | 11.1                         | 11.0         | 10.9         | 10.7         | 10.6         | 10.4         | 10.2         | 10.1         | 9.5          | 8.5          | 8.1  | 2.8                     | 964.2             |
| 100,0°   | 11.0                         | 10.9         | 10.8         | 10.6         | 10.4         | 10.3         | 10.1         | 9.9          | 9.4          | 8.4          | 7.8  | 2.7                     | 966.9             |
| 102,5°   | 10.8                         | 10.6         | 10.5         | 10.3         | 10.1         | 10.0         | 9.7          | 9.5          | 9.0          | 8.0          | 7.6  | 2.7                     | 969.6             |
| 105,0°   | 10.5                         | 10.3         | 10.1         | 9.9          | 9.7          | 9.5          | 9.2          | 9.0          | 8.5          | 7.7          | 7.1  | 2.6                     | 972.1             |
| 107,5°   | 10.1                         | 9.9          | 9.6          | 9.4          | 9.2          | 9.0          | 8.7          | 8.5          | 8.0          | 7.2          | 6.8  | 2.5                     | 974.6             |
| 110,0°   | 9.6                          | 9.4          | 9.2          | 9.0          | 8.7          | 8.4          | 8.2          | 8.0          | 7.6          | 6.8          | 6.4  | 2.3                     | 976.9             |
| 112,5°   | 9.2                          | 9.0          | 8.7          | 8.5          | 8.3          | 7.9          | 7.7          | 7.5          | 7.1          | 6.4          | 6.1  | 2.2                     | 979.2             |

## Photometric test report

|   |  |                                   |
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| <b>Family</b><br>DL 11 iQ                       | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b> | <b>LP number</b><br>59404_199     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>siteco</b>                     |

| C-planes | 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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 115,0°   | 9.9                          | 9.8        | 9.7         | 9.5         | 9.3         | 9.0         | 8.8         | 8.6         | 8.5         | 8.4         | 8.3         | 8.1         | 8.1         |
| 117,5°   | 9.3                          | 9.3        | 9.2         | 9.0         | 8.9         | 8.7         | 8.5         | 8.4         | 8.3         | 8.2         | 8.1         | 7.9         | 7.9         |
| 120,0°   | 8.9                          | 8.9        | 8.7         | 8.6         | 8.4         | 8.4         | 8.3         | 8.1         | 8.1         | 7.9         | 7.9         | 7.9         | 7.8         |
| 122,5°   | 8.4                          | 8.4        | 8.3         | 8.2         | 8.1         | 8.0         | 7.9         | 7.9         | 7.8         | 7.8         | 7.8         | 7.6         | 7.6         |
| 125,0°   | 7.9                          | 7.9        | 7.9         | 7.9         | 7.8         | 7.7         | 7.6         | 7.6         | 7.6         | 7.6         | 7.6         | 7.4         | 7.4         |
| 127,5°   | 7.5                          | 7.5        | 7.5         | 7.5         | 7.4         | 7.4         | 7.4         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         | 7.3         |
| 130,0°   | 7.2                          | 7.2        | 7.2         | 7.2         | 7.2         | 7.1         | 7.1         | 7.1         | 7.1         | 7.1         | 7.1         | 7.1         | 7.1         |
| 132,5°   | 6.8                          | 6.8        | 6.8         | 6.8         | 6.8         | 6.8         | 6.8         | 6.8         | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         |
| 135,0°   | 6.3                          | 6.4        | 6.5         | 6.5         | 6.5         | 6.5         | 6.5         | 6.6         | 6.6         | 6.6         | 6.6         | 6.6         | 6.6         |
| 137,5°   | 6.0                          | 6.1        | 6.2         | 6.2         | 6.2         | 6.2         | 6.2         | 6.2         | 6.3         | 6.4         | 6.4         | 6.4         | 6.4         |
| 140,0°   | 5.7                          | 5.7        | 5.7         | 5.8         | 5.8         | 5.9         | 5.9         | 6.0         | 6.1         | 6.1         | 6.1         | 6.1         | 6.1         |
| 142,5°   | 5.3                          | 5.5        | 5.5         | 5.5         | 5.6         | 5.7         | 5.7         | 5.7         | 5.7         | 5.8         | 5.9         | 5.9         | 5.9         |
| 145,0°   | 5.1                          | 5.2        | 5.2         | 5.3         | 5.3         | 5.3         | 5.5         | 5.5         | 5.6         | 5.6         | 5.6         | 5.6         | 5.6         |
| 147,5°   | 4.7                          | 4.8        | 4.8         | 5.0         | 5.0         | 5.0         | 5.2         | 5.2         | 5.2         | 5.3         | 5.3         | 5.3         | 5.4         |
| 150,0°   | 4.2                          | 4.3        | 4.4         | 4.5         | 4.5         | 4.6         | 4.6         | 4.7         | 4.7         | 4.8         | 4.8         | 4.9         | 4.9         |
| 152,5°   | 3.5                          | 3.6        | 3.7         | 3.8         | 3.8         | 4.0         | 4.0         | 4.0         | 4.1         | 4.1         | 4.1         | 4.2         | 4.2         |
| 155,0°   | 2.9                          | 2.9        | 2.9         | 3.0         | 3.0         | 3.1         | 3.2         | 3.3         | 3.3         | 3.3         | 3.3         | 3.4         | 3.4         |
| 157,5°   | 2.1                          | 2.2        | 2.2         | 2.2         | 2.3         | 2.3         | 2.3         | 2.3         | 2.4         | 2.4         | 2.4         | 2.4         | 2.4         |
| 160,0°   | 1.6                          | 1.6        | 1.6         | 1.6         | 1.6         | 1.6         | 1.6         | 1.6         | 1.6         | 1.6         | 1.6         | 1.7         | 1.7         |
| 162,5°   | 1.4                          | 1.4        | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| 165,0°   | 1.3                          | 1.3        | 1.3         | 1.3         | 1.2         | 1.3         | 1.3         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.3         |
| 167,5°   | 1.2                          | 1.2        | 1.3         | 1.3         | 1.3         | 1.4         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.3         | 1.3         |
| 170,0°   | 1.2                          | 1.1        | 1.1         | 1.1         | 1.1         | 1.1         | 1.2         | 1.1         | 1.2         | 1.2         | 1.2         | 1.2         | 1.1         |
| 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         |

## Photometric test report

|   |  |                                   |
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| <b>Family</b><br>DL 11 iQ                       | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b> | <b>LP number</b><br>59404_199     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>siteco</b>                     |

| C-planes | 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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |     |              |              |              |              |              |              |              |
| 115,0°   | 8.0                          | 7.9         | 7.9         | 7.9         | 7.8        | 7.9 | 10.0         | 9.8          | 9.8          | 9.7          | 9.5          | 9.2          | 9.0          |
| 117,5°   | 7.9                          | 7.8         | 7.8         | 7.8         | 7.8        | 7.8 | 9.3          | 9.3          | 9.3          | 9.2          | 9.0          | 8.9          | 8.7          |
| 120,0°   | 7.8                          | 7.8         | 7.8         | 7.7         | 7.7        | 7.8 | 8.9          | 8.8          | 8.7          | 8.6          | 8.4          | 8.3          | 8.1          |
| 122,5°   | 7.6                          | 7.6         | 7.6         | 7.6         | 7.6        | 7.6 | 8.4          | 8.3          | 8.2          | 8.1          | 7.9          | 7.8          | 7.6          |
| 125,0°   | 7.4                          | 7.4         | 7.4         | 7.4         | 7.4        | 7.4 | 7.9          | 7.9          | 7.9          | 7.6          | 7.5          | 7.3          | 7.2          |
| 127,5°   | 7.3                          | 7.3         | 7.3         | 7.3         | 7.3        | 7.3 | 7.5          | 7.5          | 7.3          | 7.3          | 7.1          | 6.9          | 6.8          |
| 130,0°   | 7.1                          | 7.1         | 7.1         | 7.1         | 7.1        | 7.1 | 7.2          | 7.0          | 7.0          | 6.8          | 6.7          | 6.6          | 6.4          |
| 132,5°   | 6.9                          | 6.9         | 6.9         | 6.9         | 6.9        | 6.9 | 6.7          | 6.7          | 6.5          | 6.4          | 6.2          | 6.2          | 6.0          |
| 135,0°   | 6.7                          | 6.6         | 6.6         | 6.6         | 6.6        | 6.6 | 6.3          | 6.2          | 6.1          | 6.0          | 5.8          | 5.7          | 5.6          |
| 137,5°   | 6.4                          | 6.4         | 6.4         | 6.4         | 6.4        | 6.4 | 6.0          | 5.8          | 5.7          | 5.7          | 5.5          | 5.3          | 5.2          |
| 140,0°   | 6.2                          | 6.2         | 6.2         | 6.2         | 6.2        | 6.2 | 5.6          | 5.5          | 5.3          | 5.3          | 5.2          | 5.0          | 5.0          |
| 142,5°   | 5.9                          | 5.9         | 5.9         | 5.9         | 5.9        | 5.9 | 5.3          | 5.2          | 5.2          | 5.0          | 4.8          | 4.8          | 4.6          |
| 145,0°   | 5.7                          | 5.7         | 5.7         | 5.7         | 5.7        | 5.7 | 5.0          | 4.8          | 4.8          | 4.6          | 4.6          | 4.5          | 4.5          |
| 147,5°   | 5.4                          | 5.4         | 5.4         | 5.4         | 5.4        | 5.4 | 4.6          | 4.5          | 4.5          | 4.3          | 4.3          | 4.1          | 4.1          |
| 150,0°   | 4.9                          | 4.9         | 5.0         | 5.0         | 5.1        | 5.1 | 4.1          | 4.0          | 4.0          | 3.8          | 3.8          | 3.6          | 3.6          |
| 152,5°   | 4.2                          | 4.2         | 4.2         | 4.3         | 4.3        | 4.4 | 3.5          | 3.4          | 3.3          | 3.2          | 3.1          | 3.1          | 3.0          |
| 155,0°   | 3.5                          | 3.5         | 3.5         | 3.5         | 3.5        | 3.5 | 2.8          | 2.7          | 2.6          | 2.6          | 2.5          | 2.4          | 2.4          |
| 157,5°   | 2.4                          | 2.4         | 2.5         | 2.5         | 2.4        | 2.5 | 2.1          | 2.0          | 2.0          | 1.9          | 1.9          | 1.9          | 1.9          |
| 160,0°   | 1.7                          | 1.7         | 1.7         | 1.7         | 1.7        | 1.7 | 1.6          | 1.6          | 1.6          | 1.6          | 1.5          | 1.5          | 1.5          |
| 162,5°   | 1.4                          | 1.4         | 1.4         | 1.4         | 1.4        | 1.4 | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 165,0°   | 1.3                          | 1.4         | 1.4         | 1.4         | 1.4        | 1.4 | 1.4          | 1.3          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 167,5°   | 1.3                          | 1.4         | 1.3         | 1.3         | 1.2        | 1.2 | 1.2          | 1.2          | 1.2          | 1.3          | 1.2          | 1.3          | 1.3          |
| 170,0°   | 1.2                          | 1.2         | 1.2         | 1.2         | 1.2        | 1.2 | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          |
| 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          |

## Photometric test report

|   |  |                                   |
|---|--|-----------------------------------|
| Family<br><b>DL 11 iQ</b>                       | Order number: <b>5XA5565KF14HP00022</b><br>EAN: <b>4058352956069</b> | LP number<br><b>59404_199</b>     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  | <b>siteco</b>                     |

| C-planes | 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                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| $\gamma$ | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |      | Luminous flux in lm/klm |                   |
| 115,0°   | 8.9                          | 8.6          | 8.4          | 8.1          | 7.9          | 7.6          | 7.3          | 7.2          | 6.8          | 6.2          | 5.7  | 2.1                     | 981.3             |
| 117,5°   | 8.4                          | 8.2          | 8.0          | 7.7          | 7.4          | 7.2          | 7.0          | 6.8          | 6.4          | 5.8          | 5.6  | 2.0                     | 983.3             |
| 120,0°   | 8.0                          | 7.8          | 7.6          | 7.4          | 7.1          | 6.8          | 6.7          | 6.4          | 6.1          | 5.6          | 5.2  | 1.9                     | 985.1             |
| 122,5°   | 7.4                          | 7.3          | 7.1          | 6.9          | 6.6          | 6.5          | 6.2          | 6.0          | 5.7          | 5.3          | 4.9  | 1.7                     | 986.8             |
| 125,0°   | 6.9                          | 6.8          | 6.6          | 6.4          | 6.2          | 6.0          | 5.8          | 5.6          | 5.3          | 5.1          | 4.7  | 1.6                     | 988.4             |
| 127,5°   | 6.6                          | 6.4          | 6.2          | 6.0          | 5.8          | 5.7          | 5.4          | 5.2          | 5.0          | 4.8          | 4.6  | 1.5                     | 989.9             |
| 130,0°   | 6.2                          | 6.0          | 5.9          | 5.7          | 5.5          | 5.3          | 5.1          | 5.0          | 4.8          | 4.6          | 4.4  | 1.4                     | 991.3             |
| 132,5°   | 5.8                          | 5.7          | 5.5          | 5.3          | 5.2          | 5.0          | 4.8          | 4.6          | 4.5          | 4.3          | 4.1  | 1.3                     | 992.6             |
| 135,0°   | 5.4                          | 5.3          | 5.2          | 5.0          | 4.8          | 4.6          | 4.5          | 4.3          | 4.2          | 4.1          | 3.9  | 1.1                     | 993.7             |
| 137,5°   | 5.1                          | 5.0          | 4.8          | 4.6          | 4.5          | 4.4          | 4.2          | 4.1          | 3.9          | 3.9          | 3.7  | 1.0                     | 994.8             |
| 140,0°   | 4.8                          | 4.6          | 4.6          | 4.4          | 4.2          | 4.1          | 4.0          | 3.9          | 3.7          | 3.7          | 3.5  | 0.9                     | 995.7             |
| 142,5°   | 4.6                          | 4.5          | 4.3          | 4.2          | 4.1          | 4.1          | 3.9          | 3.7          | 3.6          | 3.6          | 3.5  | 0.9                     | 996.5             |
| 145,0°   | 4.3                          | 4.2          | 4.1          | 4.1          | 4.0          | 3.9          | 3.7          | 3.5          | 3.5          | 3.5          | 3.5  | 0.8                     | 997.3             |
| 147,5°   | 4.0                          | 3.9          | 3.8          | 3.7          | 3.6          | 3.5          | 3.4          | 3.3          | 3.3          | 3.2          | 3.2  | 0.7                     | 998.0             |
| 150,0°   | 3.5                          | 3.4          | 3.3          | 3.3          | 3.1          | 3.0          | 2.9          | 2.9          | 2.8          | 2.8          | 2.7  | 0.6                     | 998.5             |
| 152,5°   | 3.0                          | 2.8          | 2.8          | 2.8          | 2.6          | 2.5          | 2.4          | 2.4          | 2.4          | 2.3          | 2.4  | 0.4                     | 999.0             |
| 155,0°   | 2.4                          | 2.3          | 2.3          | 2.2          | 2.1          | 2.1          | 2.0          | 2.0          | 1.9          | 1.9          | 1.9  | 0.3                     | 999.3             |
| 157,5°   | 1.9                          | 1.8          | 1.8          | 1.8          | 1.8          | 1.7          | 1.7          | 1.7          | 1.7          | 1.5          | 1.7  | 0.2                     | 999.5             |
| 160,0°   | 1.5                          | 1.5          | 1.5          | 1.5          | 1.5          | 1.5          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.1                     | 999.7             |
| 162,5°   | 1.4                          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.1                     | 999.8             |
| 165,0°   | 1.4                          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.2          | 1.4  | 0.1                     | 999.9             |
| 167,5°   | 1.4                          | 1.4          | 1.4          | 1.5          | 1.4          | 1.4          | 1.4          | 1.3          | 1.4          | 1.2          | 1.4  | 0.1                     | 999.9             |
| 170,0°   | 1.2                          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2  | 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            |



## Photometric test report

|                           |  |                               |
|---------------------------|--|-------------------------------|
| <b>Family</b><br>DL 11 iQ | <b>Order number: 5XA5565KF14HP00022</b><br><b>EAN: 4058352956069</b> | <b>LP number</b><br>59404_199 |
|---------------------------|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 25°C | <b>siteco</b> |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 5060               | 33.6                  | 35.9                  | 34.8                  |
| 95              | 241                  | 252                       | 4801               | 31.4                  | 33.5                  | 32.4                  |
| 90              | 229                  | 250                       | 4562               | 29.4                  | 31.4                  | 30.4                  |
| 85              | 216                  | 248                       | 4303               | 27.4                  | 29.2                  | 28.3                  |
| 80              | 203                  | 246                       | 4044               | 25.5                  | 27.1                  | 26.3                  |
| 75              | 190                  | 243                       | 3785               | 23.6                  | 25.2                  | 24.4                  |
| 70              | 178                  | 241                       | 3546               | 21.9                  | 23.3                  | 22.6                  |
| 65              | 165                  | 238                       | 3287               | 20.2                  | 21.5                  | 20.8                  |
| 60              | 152                  | 235                       | 3028               | 18.5                  | 19.6                  | 19.0                  |
| 55              | 140                  | 232                       | 2789               | 16.9                  | 18.0                  | 17.4                  |
| 50              | 127                  | 229                       | 2530               | 15.3                  | 16.2                  | 15.8                  |
| 45              | 114                  | 225                       | 2271               | 13.7                  | 14.5                  | 14.1                  |
| 40              | 102                  | 221                       | 2032               | 12.3                  | 13.0                  | 12.6                  |
| 35              | 89                   | 216                       | 1773               | 10.8                  | 11.4                  | 11.1                  |
| 30              | 76                   | 210                       | 1514               | 9.3                   | 9.8                   | 9.6                   |
| 25              | 63                   | 203                       | 1255               | 7.8                   | 8.2                   | 8.0                   |
| 20              | 51                   | 195                       | 1016               | 6.6                   | 6.9                   | 6.8                   |
| 15              | 38                   | 184                       | 757                | 5.2                   | 5.5                   | 5.4                   |
| 11              | 28                   | 173                       | 558                | 4.1                   | 4.4                   | 4.2                   |