
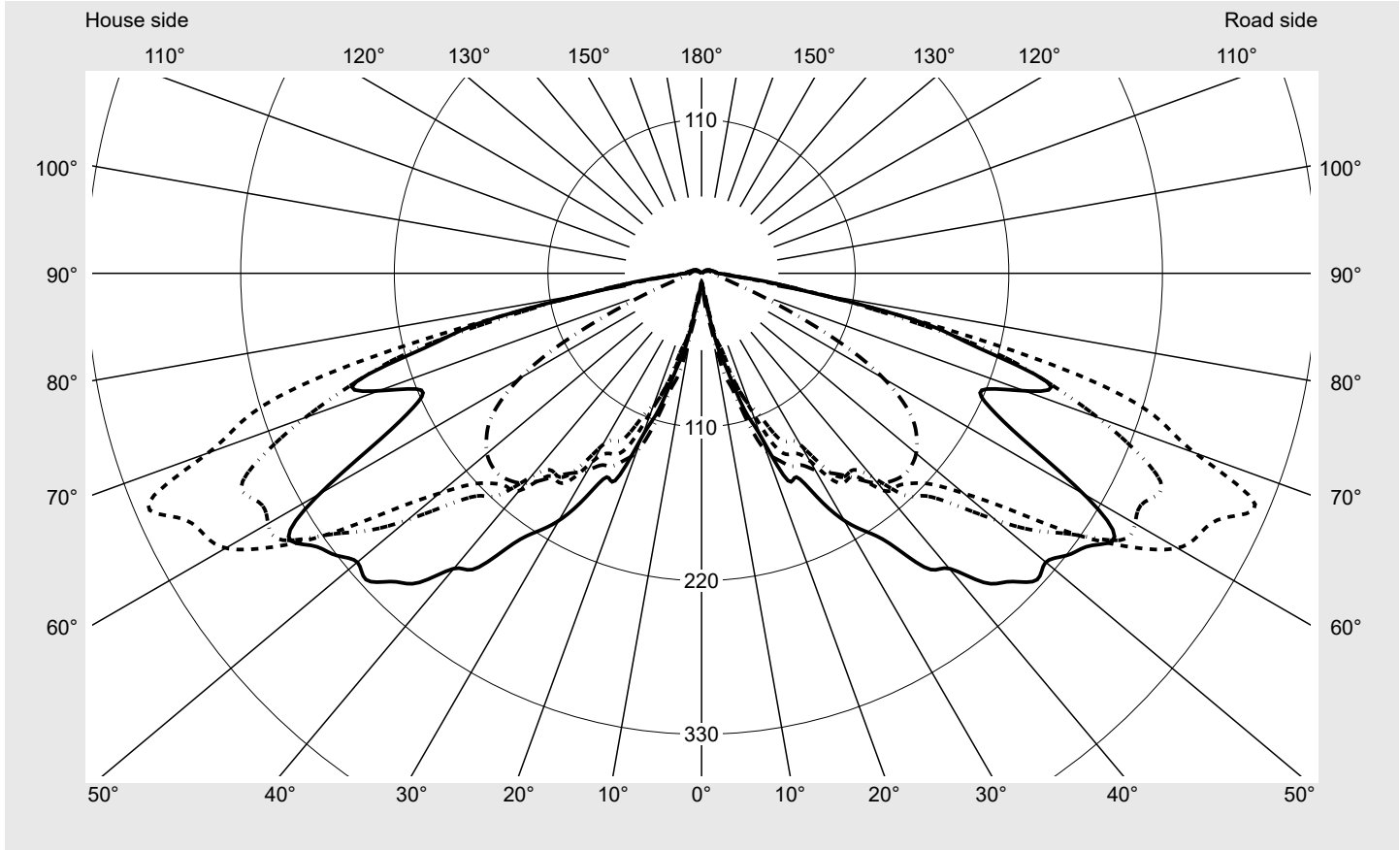


# Photometric test report

|   |   |  |
|---|---|--|
| <b>Family</b><br><b>CITY-LIGHT PLUS LED</b> | <b>Order number: 5XA5275JF14H000022</b><br><b>EAN: 4058352636213</b>  | <b>LP number</b><br><b>57132_28</b>              |
|   | <b>Version</b> post-top- or mounting to wall arm<br><b>Optic</b> symmetric, wide distribution (PL1.2s)<br><b>Cover</b> cover transparent, PMMA<br><b>Lamps</b> LED 3000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 2830 lm<br>Power consumption = 19.3 W<br>Luminous efficacy = 146.6 lm/W | <b>serial documentation</b><br><b>24.02.2023</b> |



**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 428 cd/klm**



**Luminaire output ratios**

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 97.5%  |
| Eta 90° - 180° | 2.5%   |

**Luminous intensity class acc. to EN13201-2**

|           |       |
|-----------|-------|
| Class:    | G3    |
| Imax 70°  | 375.9 |
| Imax 80°  | 93.9  |
| Imax 90°  | 12.3  |
| Imax >90° | 11.5  |
| Imax >95° | 9.8   |

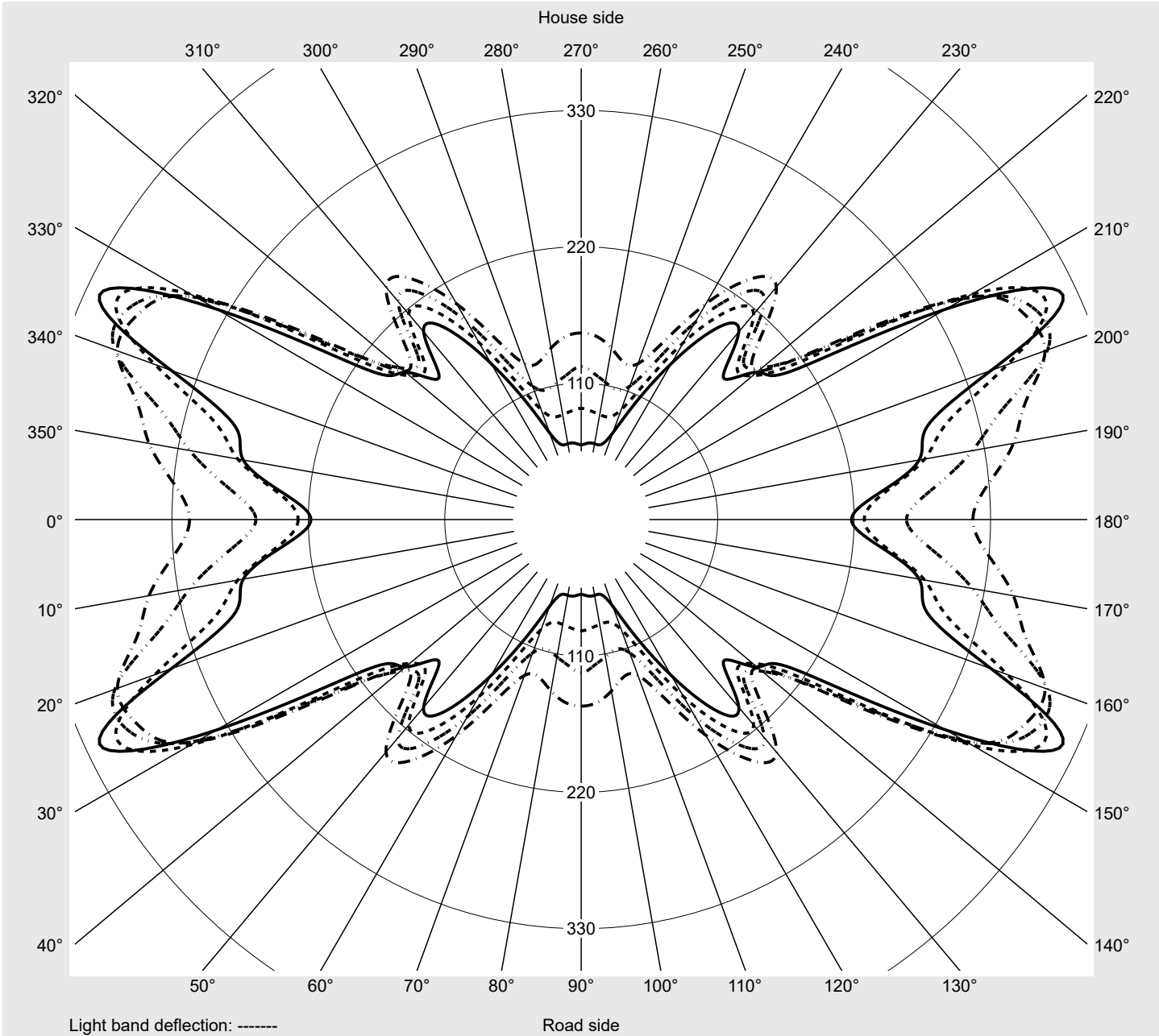
**Measurement conditions**

DIN EN 13032 and DIN 5032

**Photometric test report**

|                                      |  |                              |
|--------------------------------------|--|------------------------------|
| <b>Family</b><br>CITY-LIGHT PLUS LED | <b>Order number: 5XA5275JF14H000022</b><br><b>EAN: 4058352636213</b> | <b>LP number</b><br>57132_28 |
|--------------------------------------|--|------------------------------|

**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>CITY-LIGHT PLUS LED</b>     | <b>Order number: 5XA5275JF14H000022</b><br><b>EAN: 4058352636213</b> | <b>LP number</b><br><b>57132_28</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>   |



| C-planes                     | 0°<br>180° | 5°                   | 10°                  | 15°                  | 20°                  | 25°                  | 30°                  | 35°                  | 40°                  | 45°                  |
|------------------------------|------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                              |            | 175°<br>185°<br>355° | 170°<br>190°<br>350° | 165°<br>195°<br>345° | 160°<br>200°<br>340° | 155°<br>205°<br>335° | 150°<br>210°<br>330° | 145°<br>215°<br>325° | 140°<br>220°<br>320° | 135°<br>225°<br>315° |
| Luminous intensity in cd/klm |            |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| γ                            |            |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| 0,0°                         | 7.5        | 7.5                  | 7.5                  | 7.5                  | 7.5                  | 7.5                  | 7.5                  | 7.5                  | 7.5                  | 7.5                  |
| 2,5°                         | 7.3        | 7.3                  | 7.6                  | 7.5                  | 7.6                  | 7.7                  | 7.7                  | 7.7                  | 7.7                  | 7.8                  |
| 5,0°                         | 9.0        | 8.9                  | 9.2                  | 9.3                  | 9.6                  | 9.8                  | 10.2                 | 10.3                 | 10.9                 | 11.5                 |
| 7,5°                         | 21.0       | 20.3                 | 19.1                 | 17.3                 | 14.8                 | 12.8                 | 11.8                 | 11.8                 | 13.1                 | 15.6                 |
| 10,0°                        | 29.8       | 29.6                 | 31.1                 | 31.4                 | 28.8                 | 24.5                 | 21.0                 | 21.1                 | 25.9                 | 31.6                 |
| 12,5°                        | 55.4       | 53.4                 | 56.1                 | 46.7                 | 47.2                 | 46.5                 | 47.4                 | 46.8                 | 46.2                 | 46.0                 |
| 15,0°                        | 72.8       | 68.3                 | 66.0                 | 69.3                 | 72.1                 | 65.5                 | 57.8                 | 56.1                 | 62.4                 | 75.2                 |
| 17,5°                        | 103.0      | 98.8                 | 101.6                | 92.5                 | 91.5                 | 85.2                 | 85.3                 | 82.1                 | 74.0                 | 81.8                 |
| 20,0°                        | 124.4      | 134.5                | 140.6                | 118.0                | 114.1                | 104.4                | 100.2                | 92.9                 | 85.1                 | 93.4                 |
| 22,5°                        | 159.9      | 153.9                | 153.6                | 146.0                | 141.9                | 130.6                | 111.6                | 103.0                | 84.8                 | 95.4                 |
| 25,0°                        | 161.0      | 155.4                | 157.7                | 147.4                | 146.0                | 142.9                | 130.2                | 119.9                | 87.0                 | 101.5                |
| 27,5°                        | 182.2      | 180.9                | 174.3                | 163.7                | 152.1                | 145.4                | 135.1                | 127.7                | 92.2                 | 116.6                |
| 30,0°                        | 204.4      | 210.4                | 201.8                | 182.0                | 166.4                | 155.0                | 142.1                | 128.2                | 97.1                 | 131.4                |
| 32,5°                        | 219.2      | 212.1                | 204.3                | 194.2                | 181.6                | 176.1                | 166.5                | 150.0                | 110.4                | 157.7                |
| 35,0°                        | 237.4      | 236.8                | 221.9                | 199.3                | 185.1                | 181.1                | 177.9                | 166.8                | 127.1                | 171.0                |
| 37,5°                        | 266.7      | 261.4                | 245.2                | 213.1                | 199.4                | 183.7                | 177.6                | 172.1                | 134.4                | 192.8                |
| 40,0°                        | 275.9      | 273.9                | 251.9                | 228.9                | 217.4                | 203.2                | 190.3                | 180.0                | 140.9                | 207.0                |
| 42,5°                        | 300.6      | 290.7                | 267.8                | 243.4                | 222.3                | 206.9                | 215.7                | 190.2                | 146.2                | 226.3                |
| 45,0°                        | 312.1      | 315.3                | 292.4                | 266.3                | 236.2                | 212.7                | 225.2                | 197.4                | 158.1                | 225.7                |
| 47,5°                        | 325.2      | 329.0                | 322.3                | 296.6                | 251.4                | 223.6                | 244.8                | 205.4                | 166.5                | 238.3                |
| 50,0°                        | 321.7      | 338.1                | 345.7                | 318.1                | 270.3                | 245.0                | 274.7                | 223.5                | 173.3                | 235.6                |
| 52,5°                        | 331.2      | 337.7                | 349.8                | 332.6                | 294.2                | 277.4                | 302.9                | 238.4                | 175.4                | 232.3                |
| 55,0°                        | 339.9      | 347.0                | 348.8                | 351.5                | 329.1                | 325.1                | 326.2                | 246.9                | 182.9                | 223.7                |
| 57,5°                        | 350.6      | 355.7                | 354.0                | 364.2                | 368.7                | 364.9                | 355.6                | 248.0                | 186.8                | 215.8                |
| 60,0°                        | 315.8      | 329.5                | 353.9                | 371.4                | 398.0                | 393.5                | 358.5                | 248.4                | 186.1                | 202.1                |
| 62,5°                        | 262.2      | 284.5                | 320.4                | 353.9                | 400.1                | 402.8                | 356.3                | 243.1                | 190.4                | 186.0                |
| 65,0°                        | 228.2      | 245.0                | 281.2                | 306.4                | 365.8                | 413.8                | 363.7                | 232.4                | 180.6                | 178.6                |
| 67,5°                        | 217.9      | 240.5                | 276.7                | 288.5                | 351.7                | 428.5                | 339.5                | 210.9                | 185.0                | 162.1                |
| 70,0°                        | 246.0      | 264.9                | 279.5                | 294.0                | 328.2                | 375.9                | 302.1                | 190.2                | 159.9                | 140.1                |
| 72,5°                        | 260.1      | 265.2                | 264.1                | 283.3                | 320.1                | 340.7                | 260.4                | 166.2                | 136.7                | 101.6                |
| 75,0°                        | 203.8      | 207.5                | 223.5                | 241.2                | 274.4                | 275.6                | 214.3                | 127.2                | 87.1                 | 64.1                 |
| 77,5°                        | 160.1      | 152.5                | 151.2                | 164.9                | 175.6                | 164.3                | 143.0                | 72.9                 | 41.3                 | 48.6                 |
| 80,0°                        | 81.8       | 75.0                 | 83.5                 | 93.9                 | 91.0                 | 85.1                 | 86.4                 | 40.6                 | 39.0                 | 37.2                 |
| 82,5°                        | 49.7       | 45.3                 | 47.4                 | 57.6                 | 49.7                 | 42.7                 | 48.3                 | 29.1                 | 33.0                 | 25.9                 |
| 85,0°                        | 22.0       | 22.9                 | 24.9                 | 27.1                 | 25.2                 | 24.3                 | 24.6                 | 18.6                 | 21.1                 | 15.4                 |
| 87,5°                        | 16.6       | 16.9                 | 18.2                 | 19.1                 | 18.6                 | 18.2                 | 18.4                 | 15.1                 | 14.7                 | 11.8                 |
| 90,0°                        | 11.3       | 11.4                 | 12.1                 | 12.3                 | 12.0                 | 11.6                 | 11.3                 | 10.6                 | 8.9                  | 7.9                  |
| 92,5°                        | 10.6       | 10.7                 | 11.3                 | 11.5                 | 11.2                 | 10.8                 | 10.5                 | 9.9                  | 8.4                  | 7.5                  |
| 95,0°                        | 10.0       | 10.1                 | 10.5                 | 10.7                 | 10.4                 | 10.0                 | 9.7                  | 9.2                  | 7.9                  | 7.0                  |
| 97,5°                        | 9.3        | 9.4                  | 9.8                  | 9.8                  | 9.6                  | 9.2                  | 8.9                  | 8.4                  | 7.4                  | 6.6                  |
| 100,0°                       | 8.7        | 8.7                  | 9.0                  | 9.0                  | 8.7                  | 8.4                  | 8.2                  | 7.7                  | 6.9                  | 6.2                  |
| 102,5°                       | 8.0        | 8.0                  | 8.2                  | 8.2                  | 7.9                  | 7.6                  | 7.4                  | 7.0                  | 6.3                  | 5.8                  |
| 105,0°                       | 7.4        | 7.4                  | 7.4                  | 7.3                  | 7.1                  | 6.8                  | 6.6                  | 6.2                  | 5.8                  | 5.4                  |
| 107,5°                       | 6.9        | 6.9                  | 6.9                  | 6.8                  | 6.5                  | 6.3                  | 6.1                  | 5.8                  | 5.5                  | 5.1                  |
| 110,0°                       | 6.4        | 6.4                  | 6.4                  | 6.3                  | 6.0                  | 5.8                  | 5.6                  | 5.3                  | 5.2                  | 4.8                  |

## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>CITY-LIGHT PLUS LED</b>     | <b>Order number: 5XA5275JF14H000022</b><br><b>EAN: 4058352636213</b> | <b>LP number</b><br><b>57132_28</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>   |
|   |  | <b>sitEco</b>                       |

| C-planes | 50°                          | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | Phi-zone                | Total Phi-zone |
|----------|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|----------------|
|          | 130°                         | 125°  | 120°  | 115°  | 110°  | 105°  | 100°  | 95°   |       |                         |                |
|          | 230°                         | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |                         |                |
|          | 310°                         | 305°  | 300°  | 295°  | 290°  | 285°  | 280°  | 275°  |       |                         |                |
| $\gamma$ | Luminous intensity in cd/klm |       |       |       |       |       |       |       |       | Luminous flux in lm/klm |                |
| 0,0°     | 7.5                          | 7.5   | 7.5   | 7.5   | 7.5   | 7.5   | 7.5   | 7.5   | 7.5   | 0.0                     | 0.0            |
| 2,5°     | 7.8                          | 7.9   | 7.9   | 8.1   | 8.2   | 8.2   | 8.2   | 8.1   | 8.1   | 0.1                     | 0.1            |
| 5,0°     | 12.1                         | 12.8  | 13.4  | 13.6  | 13.8  | 13.9  | 13.9  | 14.0  | 13.9  | 0.3                     | 0.4            |
| 7,5°     | 18.6                         | 21.4  | 23.5  | 24.8  | 26.8  | 28.0  | 28.8  | 29.1  | 28.9  | 0.7                     | 1.1            |
| 10,0°    | 37.1                         | 40.1  | 42.1  | 41.9  | 42.1  | 42.3  | 41.6  | 42.3  | 41.5  | 1.6                     | 2.7            |
| 12,5°    | 47.3                         | 49.2  | 54.5  | 61.2  | 67.9  | 68.9  | 70.6  | 71.5  | 71.9  | 3.3                     | 6.0            |
| 15,0°    | 79.3                         | 77.3  | 80.6  | 81.3  | 84.0  | 86.3  | 86.6  | 86.5  | 86.5  | 5.3                     | 11.2           |
| 17,5°    | 87.8                         | 80.2  | 92.1  | 98.5  | 105.0 | 112.7 | 114.6 | 114.7 | 114.5 | 7.8                     | 19.1           |
| 20,0°    | 101.6                        | 102.0 | 110.1 | 111.9 | 113.1 | 123.1 | 131.0 | 135.0 | 136.1 | 10.6                    | 29.7           |
| 22,5°    | 103.4                        | 105.1 | 120.4 | 125.2 | 126.6 | 136.7 | 143.0 | 144.6 | 144.9 | 13.3                    | 43.0           |
| 25,0°    | 107.8                        | 113.5 | 131.4 | 136.9 | 137.2 | 144.2 | 151.0 | 152.0 | 152.4 | 15.6                    | 58.5           |
| 27,5°    | 119.2                        | 118.9 | 141.1 | 152.0 | 152.8 | 156.1 | 155.8 | 154.7 | 154.8 | 18.3                    | 76.9           |
| 30,0°    | 141.6                        | 136.5 | 152.1 | 163.6 | 164.3 | 163.8 | 164.0 | 162.8 | 162.7 | 21.7                    | 98.5           |
| 32,5°    | 167.2                        | 155.1 | 164.2 | 176.4 | 175.9 | 171.9 | 170.0 | 169.3 | 169.3 | 25.3                    | 123.9          |
| 35,0°    | 187.7                        | 185.9 | 186.0 | 188.4 | 187.2 | 180.5 | 177.6 | 176.5 | 176.4 | 29.2                    | 153.1          |
| 37,5°    | 200.2                        | 206.6 | 207.6 | 198.7 | 196.1 | 188.5 | 186.0 | 186.0 | 186.2 | 33.2                    | 186.2          |
| 40,0°    | 217.3                        | 218.2 | 222.6 | 210.5 | 203.2 | 196.1 | 196.1 | 196.2 | 196.3 | 37.1                    | 223.3          |
| 42,5°    | 239.3                        | 228.8 | 234.7 | 221.6 | 205.7 | 200.9 | 201.0 | 201.5 | 201.7 | 41.1                    | 264.4          |
| 45,0°    | 251.9                        | 242.1 | 238.9 | 228.5 | 207.8 | 203.6 | 204.0 | 204.5 | 204.4 | 44.9                    | 309.3          |
| 47,5°    | 259.0                        | 250.6 | 241.5 | 226.4 | 203.9 | 203.2 | 203.5 | 204.0 | 203.8 | 48.7                    | 358.0          |
| 50,0°    | 263.2                        | 252.9 | 237.4 | 218.2 | 198.4 | 197.9 | 200.0 | 200.3 | 200.6 | 52.0                    | 410.0          |
| 52,5°    | 264.9                        | 256.1 | 234.0 | 205.8 | 184.7 | 188.3 | 192.3 | 194.1 | 194.2 | 54.7                    | 464.6          |
| 55,0°    | 263.6                        | 256.7 | 226.7 | 191.7 | 170.1 | 173.7 | 179.9 | 183.7 | 185.4 | 57.3                    | 521.9          |
| 57,5°    | 255.8                        | 250.7 | 216.7 | 175.0 | 152.1 | 155.1 | 163.6 | 168.9 | 170.8 | 59.2                    | 581.1          |
| 60,0°    | 244.8                        | 236.5 | 200.9 | 158.9 | 133.8 | 131.5 | 140.3 | 148.0 | 150.5 | 58.9                    | 640.1          |
| 62,5°    | 229.8                        | 221.8 | 183.6 | 139.3 | 114.4 | 108.3 | 112.5 | 118.3 | 123.5 | 56.2                    | 696.3          |
| 65,0°    | 216.2                        | 205.0 | 164.9 | 120.8 | 94.3  | 85.7  | 85.9  | 88.0  | 89.7  | 52.3                    | 748.5          |
| 67,5°    | 197.7                        | 187.1 | 145.2 | 104.4 | 74.4  | 62.7  | 62.1  | 61.9  | 60.4  | 49.5                    | 798.0          |
| 70,0°    | 176.3                        | 165.9 | 124.1 | 87.9  | 60.6  | 44.6  | 40.9  | 40.2  | 40.7  | 46.1                    | 844.1          |
| 72,5°    | 140.3                        | 136.0 | 105.0 | 72.1  | 49.1  | 32.8  | 28.0  | 26.5  | 26.8  | 41.7                    | 885.8          |
| 75,0°    | 114.2                        | 117.4 | 88.8  | 55.3  | 36.1  | 26.1  | 21.9  | 19.9  | 19.9  | 33.9                    | 919.7          |
| 77,5°    | 91.3                         | 94.6  | 71.2  | 38.7  | 22.6  | 19.7  | 17.6  | 16.1  | 15.6  | 23.4                    | 943.1          |
| 80,0°    | 45.0                         | 48.7  | 34.9  | 22.4  | 16.8  | 15.6  | 14.6  | 13.4  | 13.1  | 13.4                    | 956.5          |
| 82,5°    | 22.9                         | 19.7  | 17.1  | 15.3  | 14.7  | 13.6  | 12.4  | 11.7  | 11.1  | 8.1                     | 964.6          |
| 85,0°    | 12.1                         | 13.2  | 13.4  | 12.7  | 12.3  | 12.0  | 11.1  | 10.4  | 10.3  | 4.8                     | 969.4          |
| 87,5°    | 10.0                         | 11.2  | 11.3  | 11.1  | 10.9  | 10.7  | 10.1  | 9.3   | 9.1   | 3.8                     | 973.2          |
| 90,0°    | 8.0                          | 9.4   | 9.8   | 9.7   | 9.7   | 9.6   | 9.1   | 8.4   | 8.1   | 2.8                     | 976.0          |
| 92,5°    | 7.5                          | 8.7   | 9.1   | 9.0   | 8.7   | 8.7   | 8.3   | 7.6   | 7.7   | 2.6                     | 978.5          |
| 95,0°    | 7.0                          | 8.1   | 8.5   | 8.4   | 7.8   | 7.9   | 7.5   | 7.0   | 7.3   | 2.4                     | 980.9          |
| 97,5°    | 6.5                          | 7.4   | 7.8   | 7.8   | 7.1   | 7.2   | 6.9   | 6.5   | 6.9   | 2.2                     | 983.1          |
| 100,0°   | 6.0                          | 6.8   | 7.1   | 7.1   | 6.5   | 6.7   | 6.5   | 6.1   | 6.5   | 2.0                     | 985.1          |
| 102,5°   | 5.5                          | 6.1   | 6.4   | 6.5   | 6.2   | 6.3   | 6.1   | 5.9   | 6.2   | 1.8                     | 986.9          |
| 105,0°   | 5.0                          | 5.4   | 5.8   | 5.8   | 5.9   | 6.0   | 5.9   | 5.8   | 5.8   | 1.7                     | 988.5          |
| 107,5°   | 4.9                          | 5.0   | 5.3   | 5.4   | 5.5   | 5.6   | 5.5   | 5.4   | 5.2   | 1.5                     | 990.0          |
| 110,0°   | 4.7                          | 4.7   | 5.0   | 5.0   | 5.1   | 5.2   | 5.2   | 5.0   | 4.7   | 1.4                     | 991.4          |

## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>CITY-LIGHT PLUS LED</b>     | <b>Order number: 5XA5275JF14H000022</b><br><b>EAN: 4058352636213</b> | <b>LP number</b><br><b>57132_28</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>   |
|   |  | <b>siteco</b>                       |

| C-planes | 0°<br>180° | 5°                           | 10°                  | 15°                  | 20°                  | 25°                  | 30°                  | 35°                  | 40°                  | 45°                  |
|----------|------------|------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|          |            | 175°<br>185°<br>355°         | 170°<br>190°<br>350° | 165°<br>195°<br>345° | 160°<br>200°<br>340° | 155°<br>205°<br>335° | 150°<br>210°<br>330° | 145°<br>215°<br>325° | 140°<br>220°<br>320° | 135°<br>225°<br>315° |
|          |            | Luminous intensity in cd/klm |                      |                      |                      |                      |                      |                      |                      |                      |
| γ        |            |                              |                      |                      |                      |                      |                      |                      |                      |                      |
| 112,5°   | 6.4        | 6.4                          | 6.4                  | 6.3                  | 6.1                  | 5.8                  | 5.7                  | 5.5                  | 5.3                  | 5.1                  |
| 115,0°   | 6.0        | 6.0                          | 6.0                  | 5.9                  | 5.7                  | 5.5                  | 5.3                  | 5.2                  | 5.0                  | 4.9                  |
| 117,5°   | 5.5        | 5.5                          | 5.5                  | 5.4                  | 5.2                  | 5.0                  | 4.9                  | 4.8                  | 4.7                  | 4.6                  |
| 120,0°   | 5.1        | 5.0                          | 5.1                  | 5.0                  | 4.8                  | 4.6                  | 4.5                  | 4.4                  | 4.4                  | 4.3                  |
| 122,5°   | 4.5        | 4.5                          | 4.5                  | 4.5                  | 4.3                  | 4.1                  | 4.0                  | 4.0                  | 4.0                  | 3.9                  |
| 125,0°   | 4.0        | 4.0                          | 4.0                  | 3.9                  | 3.8                  | 3.6                  | 3.5                  | 3.5                  | 3.5                  | 3.5                  |
| 127,5°   | 3.0        | 3.0                          | 3.0                  | 2.9                  | 2.8                  | 2.8                  | 2.7                  | 2.7                  | 2.6                  | 2.6                  |
| 130,0°   | 2.4        | 2.4                          | 2.4                  | 2.4                  | 2.3                  | 2.2                  | 2.2                  | 2.2                  | 2.1                  | 2.1                  |
| 132,5°   | 1.9        | 1.9                          | 1.9                  | 1.9                  | 1.8                  | 1.8                  | 1.7                  | 1.7                  | 1.7                  | 1.7                  |
| 135,0°   | 1.4        | 1.4                          | 1.4                  | 1.4                  | 1.4                  | 1.4                  | 1.3                  | 1.3                  | 1.3                  | 1.3                  |
| 137,5°   | 1.0        | 1.0                          | 1.1                  | 1.1                  | 1.0                  | 1.0                  | 1.0                  | 1.0                  | 1.0                  | 1.0                  |
| 140,0°   | 0.7        | 0.7                          | 0.7                  | 0.7                  | 0.7                  | 0.7                  | 0.7                  | 0.7                  | 0.7                  | 0.7                  |
| 142,5°   | 0.5        | 0.5                          | 0.5                  | 0.5                  | 0.5                  | 0.5                  | 0.5                  | 0.5                  | 0.5                  | 0.5                  |
| 145,0°   | 0.3        | 0.3                          | 0.3                  | 0.3                  | 0.3                  | 0.3                  | 0.3                  | 0.3                  | 0.3                  | 0.3                  |
| 147,5°   | 0.1        | 0.1                          | 0.1                  | 0.1                  | 0.1                  | 0.1                  | 0.1                  | 0.1                  | 0.1                  | 0.1                  |
| 150,0°   | 0.0        | 0.0                          | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  |
| 165,0°   | 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                  |

| C-planes | 50°                  | 55°                          | 60°                  | 65°                  | 70°                  | 75°                  | 80°                  | 85°                 | 90°<br>270° | Phi-zone | Total<br>Phi-zone       |  |
|----------|----------------------|------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|-------------|----------|-------------------------|--|
|          | 130°<br>230°<br>310° | 125°<br>235°<br>305°         | 120°<br>240°<br>300° | 115°<br>245°<br>295° | 110°<br>250°<br>290° | 105°<br>255°<br>285° | 100°<br>260°<br>280° | 95°<br>265°<br>275° |             |          |                         |  |
|          |                      | Luminous intensity in cd/klm |                      |                      |                      |                      |                      |                     |             |          | Luminous flux in lm/klm |  |
| γ        |                      |                              |                      |                      |                      |                      |                      |                     |             |          |                         |  |
| 112,5°   | 4.6                  | 5.0                          | 5.1                  | 5.2                  | 5.3                  | 5.5                  | 5.5                  | 4.7                 | 3.7         | 1.4      | 992.8                   |  |
| 115,0°   | 4.5                  | 4.7                          | 4.8                  | 4.9                  | 5.0                  | 5.2                  | 5.2                  | 4.3                 | 3.1         | 1.3      | 994.1                   |  |
| 117,5°   | 4.3                  | 4.4                          | 4.5                  | 4.6                  | 4.7                  | 4.9                  | 4.9                  | 3.9                 | 2.6         | 1.2      | 995.3                   |  |
| 120,0°   | 4.2                  | 4.1                          | 4.1                  | 4.2                  | 4.3                  | 4.5                  | 4.5                  | 3.5                 | 2.2         | 1.0      | 996.3                   |  |
| 122,5°   | 3.7                  | 3.7                          | 3.7                  | 3.8                  | 3.9                  | 4.1                  | 4.1                  | 3.1                 | 1.8         | 0.9      | 997.2                   |  |
| 125,0°   | 3.2                  | 3.3                          | 3.3                  | 3.3                  | 3.5                  | 3.6                  | 3.6                  | 2.7                 | 1.5         | 0.8      | 998.0                   |  |
| 127,5°   | 2.5                  | 2.5                          | 2.4                  | 2.5                  | 2.5                  | 2.6                  | 2.8                  | 2.1                 | 1.5         | 0.6      | 998.6                   |  |
| 130,0°   | 2.0                  | 2.0                          | 2.0                  | 2.0                  | 2.0                  | 2.1                  | 2.2                  | 1.7                 | 1.3         | 0.4      | 999.0                   |  |
| 132,5°   | 1.6                  | 1.6                          | 1.6                  | 1.6                  | 1.6                  | 1.6                  | 1.7                  | 1.3                 | 1.1         | 0.3      | 999.4                   |  |
| 135,0°   | 1.3                  | 1.2                          | 1.2                  | 1.2                  | 1.2                  | 1.2                  | 1.1                  | 1.0                 | 0.9         | 0.2      | 999.6                   |  |
| 137,5°   | 0.9                  | 0.9                          | 0.9                  | 0.9                  | 0.9                  | 0.9                  | 0.9                  | 0.7                 | 0.8         | 0.2      | 999.8                   |  |
| 140,0°   | 0.6                  | 0.6                          | 0.6                  | 0.6                  | 0.6                  | 0.6                  | 0.7                  | 0.5                 | 0.6         | 0.1      | 999.9                   |  |
| 142,5°   | 0.5                  | 0.5                          | 0.5                  | 0.4                  | 0.4                  | 0.5                  | 0.5                  | 0.4                 | 0.4         | 0.1      | 1000.0                  |  |
| 145,0°   | 0.3                  | 0.3                          | 0.3                  | 0.3                  | 0.3                  | 0.3                  | 0.4                  | 0.2                 | 0.2         | 0.0      | 1000.0                  |  |
| 147,5°   | 0.1                  | 0.1                          | 0.1                  | 0.1                  | 0.1                  | 0.1                  | 0.2                  | 0.1                 | 0.1         | 0.0      | 1000.0                  |  |
| 150,0°   | 0.0                  | 0.0                          | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                 | 0.0         | 0.0      | 1000.0                  |  |
| 165,0°   | 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      | 1000.0                  |  |

## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>CITY-LIGHT PLUS LED</b> | <b>Order number: 5XA5275JF14H000022</b><br><b>EAN: 4058352636213</b> | <b>LP number</b><br><b>57132_28</b> |
|---|--|-------------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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                       | 2830               | 19.3                  | 20.6                  | 20.0                  |
| 95              | 241                  | 252                       | 2685               | 18.3                  | 19.4                  | 18.8                  |
| 90              | 229                  | 250                       | 2551               | 17.3                  | 18.4                  | 17.8                  |
| 85              | 216                  | 248                       | 2407               | 16.3                  | 17.3                  | 16.8                  |
| 80              | 203                  | 246                       | 2262               | 15.2                  | 16.2                  | 15.7                  |
| 75              | 190                  | 243                       | 2117               | 14.2                  | 15.1                  | 14.6                  |
| 70              | 178                  | 241                       | 1983               | 13.3                  | 14.1                  | 13.7                  |
| 65              | 165                  | 238                       | 1838               | 12.4                  | 13.2                  | 12.8                  |
| 60              | 152                  | 235                       | 1694               | 11.4                  | 12.1                  | 11.8                  |
| 55              | 140                  | 232                       | 1560               | 10.5                  | 11.2                  | 10.8                  |
| 50              | 127                  | 229                       | 1415               | 9.6                   | 10.1                  | 9.8                   |
| 45              | 114                  | 225                       | 1270               | 8.7                   | 9.2                   | 9.0                   |
| 40              | 102                  | 221                       | 1136               | 7.9                   | 8.3                   | 8.1                   |
| 35              | 89                   | 216                       | 992                | 7.1                   | 7.4                   | 7.2                   |
| 30              | 76                   | 210                       | 847                | 6.2                   | 6.5                   | 6.4                   |
| 25              | 63                   | 203                       | 702                | 5.4                   | 5.6                   | 5.5                   |
| 20              | 51                   | 195                       | 568                | 4.6                   | 4.8                   | 4.7                   |
| 17              | 44                   | 190                       | 490                | 4.1                   | 4.3                   | 4.2                   |