

Photometric test report

Family
CITY-LIGHT PLUS LED

Order number: **5XA5275KF14H**
EAN: **4058352835258**

LP number
57130_31



Version post-top- or mounting to wall arm
Optic asymmetric, wide distribution (ST1.2a)
Cover cover transparent, PMMA
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1470 lm
Power consumption = 10.0 W
Luminous efficacy = 147 lm/W

serial
documentation
07.07.2022

siteco

Luminous intensity in cd/klm

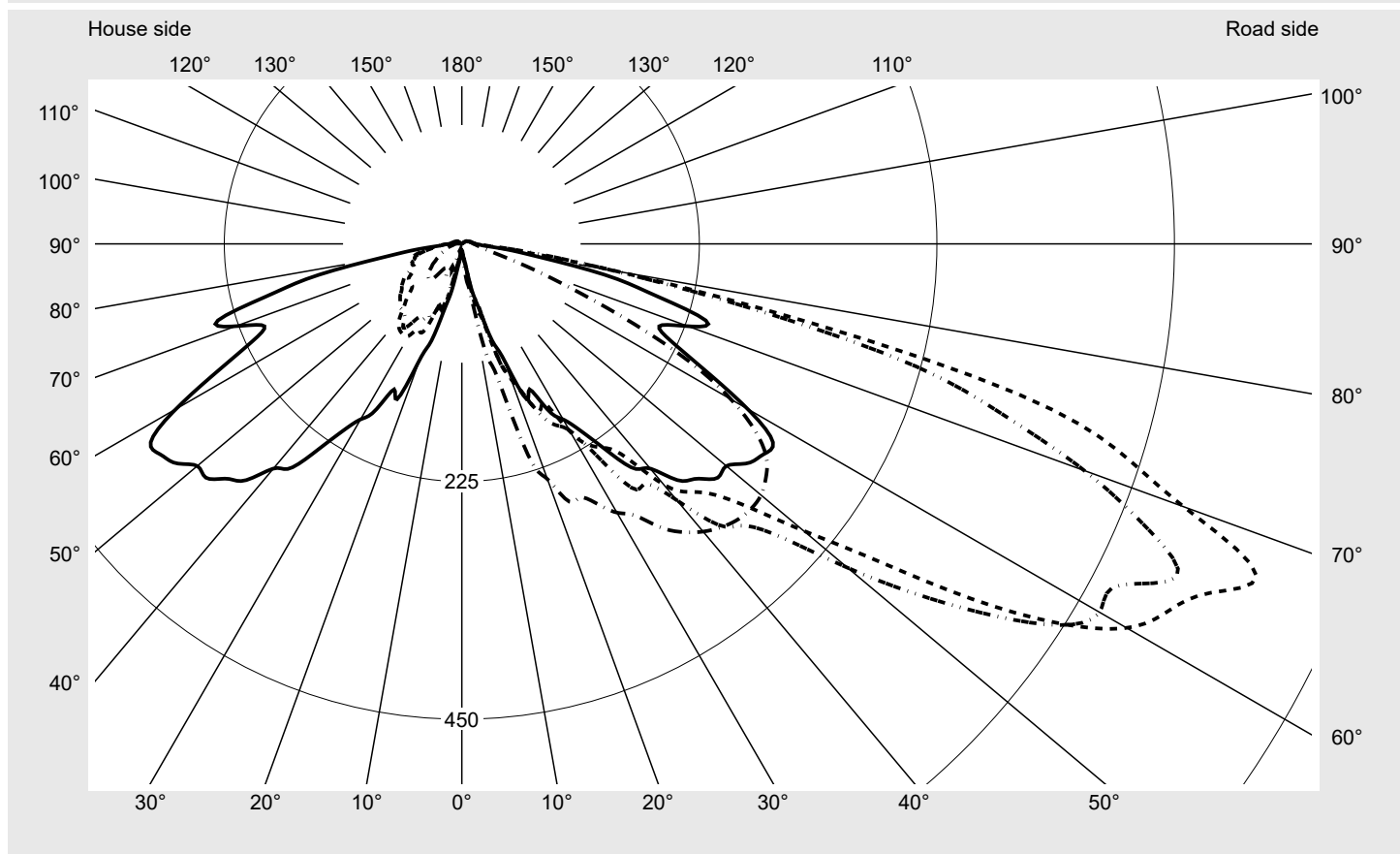
C180-0

C205-25

C210-30

C270-90

Imax: 814 cd/klm



Luminaire output ratios

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 97.4% |
| Eta 90° - 180° | 2.6% |

Luminous intensity class acc. to EN13201-2

| | |
|-----------|-------|
| Class: | G1 |
| Imax 70° | 727.6 |
| Imax 80° | 157.2 |
| Imax 90° | 13.4 |
| Imax >90° | 12.4 |
| Imax >95° | 10.3 |

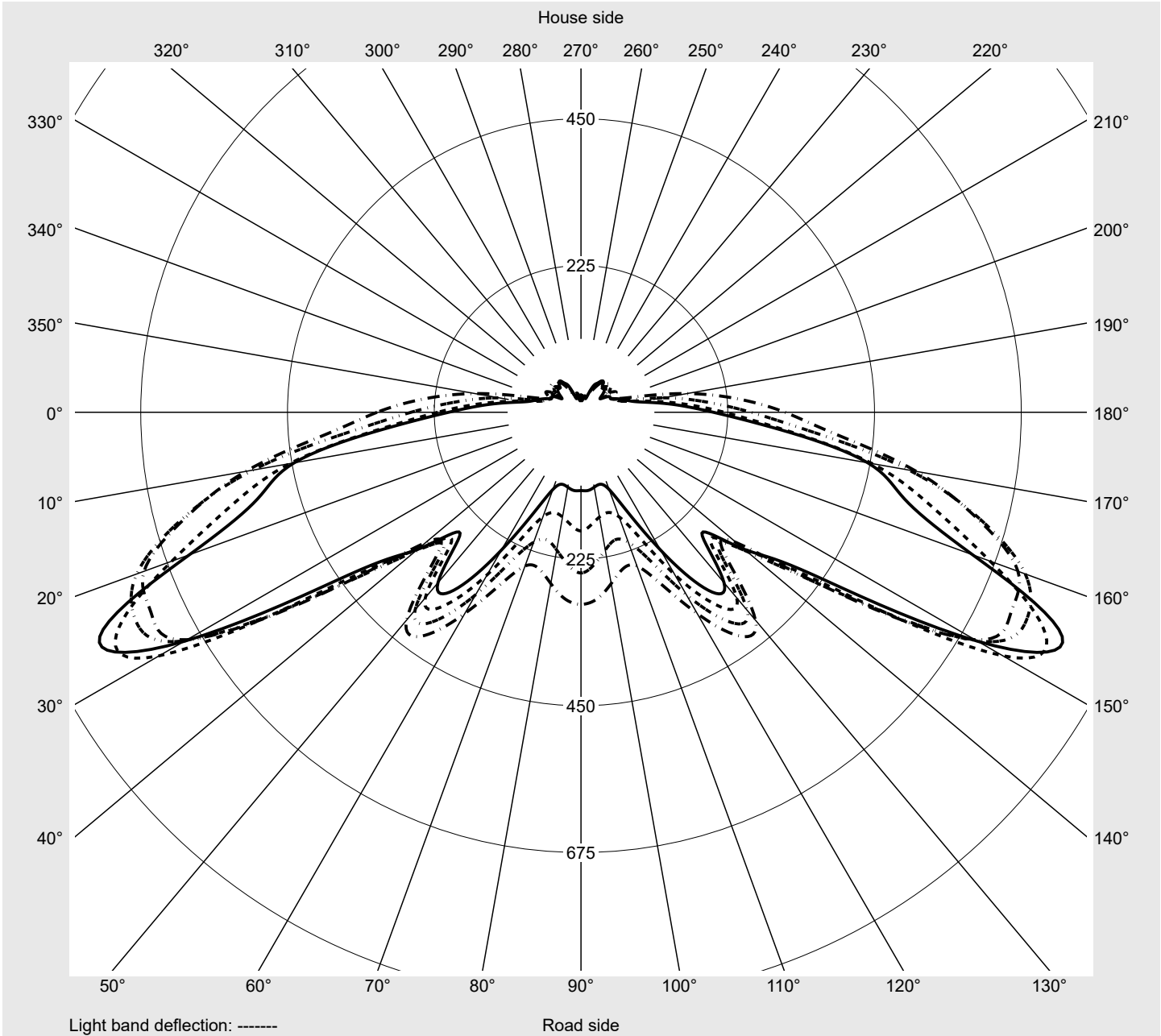
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|---|--|-------------------------------------|
| Family CITY-LIGHT PLUS LED | Order number: 5XA5275KF14H EAN: 4058352835258 | LP number 57130_31 |
|---|--|-------------------------------------|

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



Photometric test report

| | | |
|---|--|-------------------------------------|
| Family CITY-LIGHT PLUS LED | Order number: 5XA5275KF14H EAN: 4058352835258 | LP number 57130_31 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| 2,5° | 6.9 | 6.9 | 6.9 | 6.9 | 7.2 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 |
| 5,0° | 7.9 | 8.2 | 8.2 | 8.9 | 9.3 | 10.0 | 10.0 | 10.3 | 10.6 | 11.0 | 11.7 | 12.7 | 13.4 |
| 7,5° | 16.5 | 19.2 | 20.3 | 19.6 | 17.8 | 15.8 | 14.4 | 14.1 | 15.8 | 18.2 | 21.3 | 25.7 | 29.5 |
| 10,0° | 24.7 | 23.7 | 24.7 | 26.8 | 24.4 | 21.6 | 17.5 | 17.2 | 24.7 | 36.0 | 45.3 | 49.8 | 46.7 |
| 12,5° | 47.4 | 52.5 | 58.0 | 59.7 | 67.3 | 63.2 | 52.5 | 49.1 | 59.4 | 67.6 | 70.0 | 71.0 | 72.4 |
| 15,0° | 65.2 | 66.6 | 67.6 | 70.4 | 78.9 | 71.7 | 59.7 | 52.2 | 64.9 | 85.5 | 107.4 | 108.5 | 116.4 |
| 17,5° | 96.8 | 107.8 | 123.9 | 109.1 | 107.4 | 110.9 | 112.9 | 105.7 | 93.7 | 105.4 | 136.9 | 149.6 | 150.0 |
| 20,0° | 116.7 | 112.2 | 152.0 | 127.7 | 143.1 | 136.3 | 134.2 | 126.3 | 103.3 | 122.9 | 157.9 | 160.3 | 174.0 |
| 22,5° | 158.6 | 162.3 | 185.7 | 176.1 | 163.7 | 156.5 | 155.1 | 143.1 | 115.7 | 129.1 | 172.6 | 182.9 | 206.6 |
| 25,0° | 152.0 | 153.1 | 177.8 | 189.8 | 186.0 | 174.4 | 179.9 | 182.3 | 123.6 | 144.2 | 182.6 | 188.1 | 226.2 |
| 27,5° | 178.1 | 167.5 | 188.8 | 190.8 | 181.9 | 170.2 | 193.6 | 207.0 | 127.0 | 163.4 | 205.2 | 200.4 | 242.7 |
| 30,0° | 191.9 | 196.0 | 216.9 | 229.6 | 216.6 | 205.6 | 203.9 | 213.8 | 137.3 | 186.0 | 244.4 | 224.1 | 256.7 |
| 32,5° | 210.1 | 204.2 | 226.9 | 244.4 | 241.6 | 226.2 | 237.5 | 245.8 | 151.4 | 216.9 | 281.8 | 263.6 | 281.8 |
| 35,0° | 238.2 | 229.6 | 243.0 | 254.7 | 237.2 | 235.8 | 282.8 | 290.0 | 164.1 | 229.3 | 310.3 | 300.7 | 313.4 |
| 37,5° | 268.1 | 268.1 | 281.4 | 290.0 | 273.2 | 254.0 | 286.3 | 289.0 | 173.3 | 260.5 | 327.4 | 339.8 | 352.8 |
| 40,0° | 277.7 | 278.0 | 282.1 | 307.2 | 303.4 | 297.6 | 316.8 | 312.3 | 188.1 | 297.6 | 353.9 | 356.6 | 384.4 |
| 42,5° | 303.8 | 285.2 | 313.4 | 313.0 | 320.2 | 318.5 | 361.4 | 339.5 | 204.2 | 326.1 | 399.5 | 384.8 | 401.9 |
| 45,0° | 314.4 | 305.1 | 341.2 | 341.5 | 345.6 | 335.0 | 377.2 | 370.3 | 221.4 | 339.5 | 427.3 | 407.8 | 412.6 |
| 47,5° | 328.1 | 318.2 | 397.1 | 396.1 | 400.5 | 369.3 | 411.5 | 390.9 | 240.9 | 358.3 | 445.5 | 428.0 | 418.1 |
| 50,0° | 327.1 | 339.5 | 435.6 | 440.0 | 452.4 | 422.5 | 477.1 | 435.2 | 255.0 | 363.5 | 447.9 | 432.8 | 415.6 |
| 52,5° | 341.2 | 348.4 | 457.5 | 468.8 | 511.1 | 488.8 | 546.1 | 465.8 | 273.6 | 354.6 | 452.4 | 445.2 | 411.2 |
| 55,0° | 348.0 | 370.3 | 458.2 | 509.7 | 574.6 | 582.1 | 613.0 | 491.2 | 296.9 | 347.3 | 442.8 | 446.5 | 399.9 |
| 57,5° | 349.4 | 394.4 | 486.7 | 579.4 | 663.8 | 667.6 | 671.7 | 485.7 | 311.3 | 340.1 | 439.0 | 446.9 | 384.1 |
| 60,0° | 312.7 | 393.7 | 522.0 | 628.8 | 712.9 | 727.3 | 697.4 | 486.7 | 311.0 | 315.1 | 416.0 | 417.7 | 356.3 |
| 62,5° | 260.5 | 360.0 | 510.7 | 633.6 | 724.9 | 753.7 | 700.5 | 482.9 | 331.9 | 299.3 | 395.7 | 390.6 | 323.0 |
| 65,0° | 219.7 | 314.4 | 453.4 | 556.0 | 667.6 | 781.9 | 746.9 | 465.8 | 326.4 | 280.8 | 371.4 | 360.0 | 287.6 |
| 67,5° | 202.8 | 306.8 | 446.5 | 513.5 | 639.1 | 814.1 | 702.2 | 434.5 | 327.1 | 262.2 | 341.2 | 328.5 | 244.0 |
| 70,0° | 227.9 | 334.0 | 444.5 | 502.5 | 606.5 | 727.6 | 627.8 | 370.0 | 293.5 | 220.7 | 302.0 | 290.0 | 202.8 |
| 72,5° | 243.0 | 353.5 | 427.0 | 486.7 | 580.4 | 652.1 | 537.5 | 327.8 | 258.1 | 176.1 | 246.1 | 235.8 | 163.0 |
| 75,0° | 191.2 | 298.6 | 370.0 | 416.7 | 509.7 | 538.5 | 441.0 | 228.6 | 168.5 | 86.5 | 181.9 | 193.2 | 141.1 |
| 77,5° | 145.5 | 211.1 | 248.8 | 284.5 | 321.9 | 316.8 | 277.7 | 150.0 | 80.3 | 70.0 | 153.1 | 175.7 | 125.6 |
| 80,0° | 81.7 | 93.0 | 127.7 | 154.5 | 157.2 | 148.3 | 145.2 | 68.0 | 48.7 | 52.2 | 79.3 | 87.9 | 55.3 |
| 82,5° | 47.7 | 52.9 | 63.2 | 81.3 | 74.8 | 60.4 | 73.8 | 40.5 | 52.2 | 35.7 | 35.0 | 27.5 | 20.3 |
| 85,0° | 22.7 | 24.4 | 29.9 | 31.9 | 25.7 | 28.5 | 33.6 | 18.5 | 27.5 | 19.9 | 14.8 | 15.4 | 15.1 |
| 87,5° | 17.2 | 16.1 | 17.5 | 18.2 | 16.8 | 18.5 | 19.2 | 15.1 | 15.4 | 14.4 | 11.3 | 13.0 | 13.0 |
| 90,0° | 11.7 | 11.3 | 12.7 | 13.4 | 13.0 | 12.7 | 12.4 | 11.7 | 10.3 | 8.9 | 9.6 | 11.0 | 11.7 |
| 92,5° | 10.6 | 10.6 | 11.7 | 12.4 | 12.0 | 11.7 | 11.7 | 11.0 | 9.3 | 8.6 | 8.6 | 10.3 | 11.0 |
| 95,0° | 10.0 | 10.0 | 10.6 | 11.3 | 11.0 | 10.6 | 10.3 | 10.0 | 8.9 | 7.9 | 8.2 | 9.6 | 10.3 |
| 97,5° | 9.3 | 9.3 | 10.0 | 10.3 | 10.0 | 9.6 | 9.6 | 8.9 | 8.2 | 7.6 | 7.6 | 8.9 | 9.6 |
| 100,0° | 8.6 | 8.6 | 9.3 | 9.3 | 9.3 | 8.9 | 8.9 | 8.6 | 7.9 | 7.2 | 7.2 | 8.2 | 8.9 |
| 102,5° | 7.9 | 8.2 | 8.6 | 8.6 | 8.6 | 8.2 | 8.2 | 7.9 | 7.2 | 6.9 | 6.9 | 7.9 | 8.2 |
| 105,0° | 7.6 | 7.9 | 7.9 | 8.2 | 7.9 | 7.6 | 7.6 | 7.2 | 6.9 | 6.9 | 6.9 | 7.6 | 7.6 |
| 107,5° | 7.2 | 7.2 | 7.6 | 7.6 | 7.2 | 7.2 | 7.2 | 6.9 | 6.5 | 6.2 | 6.2 | 6.9 | 7.6 |
| 110,0° | 6.5 | 6.9 | 7.2 | 6.9 | 6.9 | 6.5 | 6.5 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.9 |
| 112,5° | 6.2 | 6.2 | 6.5 | 6.5 | 6.2 | 6.2 | 6.2 | 5.8 | 5.8 | 5.8 | 5.8 | 6.2 | 6.9 |

Photometric test report

| | | |
|---|--|-------------------------------------|
| Family CITY-LIGHT PLUS LED | Order number: 5XA5275KF14H EAN: 4058352835258 | LP number 57130_31 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| 2,5° | 7.9 | 8.2 | 8.2 | 7.9 | 8.2 | 8.2 | 6.9 | 6.9 | 6.9 | 6.9 | 7.2 | 6.9 | 7.6 |
| 5,0° | 13.7 | 14.1 | 13.7 | 14.1 | 13.7 | 13.7 | 7.9 | 7.9 | 7.9 | 7.9 | 7.6 | 7.6 | 7.6 |
| 7,5° | 30.2 | 33.0 | 35.7 | 38.1 | 37.1 | 35.7 | 13.7 | 12.0 | 10.6 | 9.6 | 8.9 | 8.6 | 8.6 |
| 10,0° | 40.8 | 45.0 | 58.3 | 59.0 | 54.2 | 50.8 | 26.4 | 29.2 | 27.8 | 23.0 | 17.8 | 13.4 | 11.0 |
| 12,5° | 77.6 | 83.7 | 100.6 | 104.3 | 105.4 | 107.1 | 38.8 | 34.7 | 25.4 | 23.7 | 24.4 | 27.1 | 27.5 |
| 15,0° | 127.7 | 106.7 | 99.5 | 125.3 | 133.5 | 131.8 | 64.2 | 60.8 | 55.9 | 66.9 | 57.0 | 49.4 | 47.4 |
| 17,5° | 148.3 | 157.5 | 167.2 | 190.5 | 196.3 | 211.4 | 87.9 | 86.8 | 96.1 | 71.0 | 64.9 | 65.2 | 59.0 |
| 20,0° | 190.5 | 194.3 | 199.8 | 209.7 | 232.7 | 236.8 | 117.7 | 113.6 | 100.9 | 85.5 | 60.4 | 62.1 | 58.7 |
| 22,5° | 221.7 | 228.2 | 239.2 | 254.7 | 261.5 | 263.6 | 140.4 | 122.5 | 119.4 | 108.8 | 83.4 | 75.9 | 55.3 |
| 25,0° | 252.3 | 255.7 | 255.7 | 258.1 | 263.3 | 265.0 | 135.2 | 130.8 | 127.3 | 115.7 | 92.7 | 74.1 | 55.9 |
| 27,5° | 267.4 | 267.7 | 268.1 | 274.9 | 277.3 | 277.3 | 170.6 | 140.7 | 121.8 | 117.7 | 91.0 | 81.3 | 62.5 |
| 30,0° | 296.2 | 294.1 | 288.3 | 288.3 | 291.1 | 293.8 | 176.8 | 157.9 | 136.6 | 123.9 | 100.6 | 80.0 | 58.3 |
| 32,5° | 315.4 | 316.1 | 305.5 | 303.4 | 305.1 | 304.8 | 196.3 | 173.0 | 148.3 | 127.0 | 102.3 | 89.6 | 71.7 |
| 35,0° | 338.4 | 340.8 | 327.8 | 318.5 | 321.9 | 327.4 | 212.5 | 177.1 | 152.0 | 133.5 | 101.3 | 96.8 | 86.8 |
| 37,5° | 364.9 | 361.4 | 338.8 | 335.3 | 341.2 | 343.9 | 239.2 | 189.5 | 157.5 | 136.6 | 98.2 | 88.9 | 88.9 |
| 40,0° | 381.0 | 366.2 | 350.1 | 348.4 | 352.5 | 355.6 | 249.5 | 201.5 | 165.4 | 133.2 | 91.6 | 85.8 | 90.3 |
| 42,5° | 396.4 | 375.5 | 355.2 | 356.6 | 361.1 | 363.8 | 285.2 | 215.2 | 176.8 | 129.1 | 81.3 | 84.1 | 89.6 |
| 45,0° | 411.5 | 382.7 | 361.1 | 362.8 | 366.6 | 369.3 | 304.8 | 231.0 | 174.4 | 117.7 | 74.1 | 83.4 | 89.6 |
| 47,5° | 413.2 | 375.8 | 360.7 | 364.5 | 369.3 | 371.4 | 315.1 | 237.2 | 175.7 | 98.5 | 65.6 | 79.3 | 84.4 |
| 50,0° | 399.5 | 365.9 | 355.9 | 361.1 | 367.6 | 370.0 | 309.9 | 239.2 | 168.9 | 84.4 | 61.4 | 76.2 | 77.9 |
| 52,5° | 378.6 | 344.6 | 342.5 | 353.2 | 361.4 | 363.1 | 315.4 | 236.1 | 166.5 | 70.0 | 62.1 | 71.7 | 71.7 |
| 55,0° | 351.8 | 319.5 | 321.6 | 334.3 | 347.3 | 352.2 | 309.9 | 233.4 | 151.4 | 68.6 | 61.1 | 69.3 | 66.2 |
| 57,5° | 320.9 | 285.9 | 291.4 | 306.5 | 323.0 | 329.5 | 295.2 | 204.6 | 121.2 | 62.8 | 59.4 | 65.9 | 60.4 |
| 60,0° | 290.7 | 250.9 | 248.5 | 266.7 | 286.9 | 294.5 | 239.6 | 165.1 | 94.4 | 61.8 | 53.9 | 62.1 | 53.9 |
| 62,5° | 250.9 | 212.1 | 202.5 | 214.5 | 234.1 | 246.4 | 188.8 | 127.3 | 69.0 | 57.7 | 51.1 | 55.3 | 46.7 |
| 65,0° | 211.1 | 170.6 | 159.3 | 163.0 | 173.7 | 181.9 | 153.1 | 99.2 | 65.2 | 56.6 | 49.8 | 52.5 | 40.8 |
| 67,5° | 168.2 | 126.0 | 114.3 | 116.7 | 120.5 | 120.1 | 140.4 | 91.3 | 72.1 | 60.4 | 50.8 | 48.1 | 36.0 |
| 70,0° | 138.3 | 97.8 | 76.9 | 73.8 | 76.5 | 76.9 | 155.8 | 99.2 | 79.3 | 62.1 | 49.8 | 45.3 | 31.9 |
| 72,5° | 108.5 | 73.8 | 47.4 | 44.3 | 44.3 | 46.0 | 147.9 | 94.4 | 73.8 | 59.4 | 51.5 | 46.7 | 28.8 |
| 75,0° | 86.5 | 54.2 | 35.4 | 31.2 | 29.9 | 29.5 | 99.5 | 72.8 | 60.8 | 50.5 | 48.4 | 45.3 | 28.5 |
| 77,5° | 63.5 | 31.6 | 26.4 | 23.7 | 22.7 | 22.7 | 77.9 | 58.3 | 51.8 | 44.6 | 43.2 | 39.8 | 26.8 |
| 80,0° | 32.3 | 20.6 | 19.9 | 19.2 | 18.5 | 18.5 | 55.3 | 47.0 | 44.6 | 39.5 | 35.7 | 33.0 | 24.7 |
| 82,5° | 16.8 | 15.8 | 15.4 | 15.8 | 15.8 | 15.8 | 37.8 | 35.4 | 34.3 | 30.9 | 28.8 | 26.4 | 20.6 |
| 85,0° | 14.1 | 13.7 | 14.1 | 14.1 | 13.7 | 13.7 | 22.0 | 24.0 | 26.8 | 27.1 | 24.0 | 21.6 | 18.9 |
| 87,5° | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 17.8 | 18.9 | 19.9 | 18.9 | 17.2 | 16.5 | 15.1 |
| 90,0° | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 12.0 | 12.0 | 11.7 | 11.3 | 11.0 | 10.6 | 10.0 |
| 92,5° | 11.0 | 11.0 | 11.3 | 11.3 | 11.0 | 11.0 | 11.0 | 10.6 | 10.6 | 10.0 | 10.0 | 9.3 | 8.9 |
| 95,0° | 10.3 | 10.3 | 10.6 | 10.3 | 10.3 | 10.3 | 10.0 | 10.0 | 9.3 | 9.3 | 8.6 | 8.2 | 7.9 |
| 97,5° | 9.6 | 9.6 | 9.6 | 10.0 | 9.6 | 9.6 | 9.3 | 8.9 | 8.6 | 8.2 | 7.9 | 7.6 | 7.2 |
| 100,0° | 8.9 | 9.3 | 9.6 | 9.3 | 8.9 | 8.9 | 8.6 | 8.2 | 7.9 | 7.9 | 7.2 | 6.9 | 6.5 |
| 102,5° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 7.9 | 7.9 | 7.6 | 7.2 | 6.9 | 6.5 | 6.2 |
| 105,0° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 7.2 | 7.2 | 6.9 | 6.5 | 6.2 | 6.2 | 5.8 |
| 107,5° | 7.6 | 7.6 | 8.2 | 8.2 | 7.9 | 7.6 | 6.9 | 6.9 | 6.5 | 6.2 | 5.8 | 5.5 | 5.1 |
| 110,0° | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 6.9 | 6.5 | 6.2 | 6.2 | 5.8 | 5.5 | 5.1 | 4.8 |
| 112,5° | 6.9 | 6.9 | 7.6 | 7.6 | 7.2 | 6.2 | 6.2 | 5.8 | 5.5 | 5.5 | 5.1 | 4.8 | 4.8 |

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|---|--|-------------------------------------|
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| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-zone | Total Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | Luminous flux in lm/klm | |
| 0,0° | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 0.0 | 0.0 |
| 2,5° | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.2 | 7.2 | 7.6 | 0.1 | 0.1 |
| 5,0° | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.2 | 7.2 | 7.6 | 0.2 | 0.3 |
| 7,5° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 7.6 | 7.6 | 7.2 | 7.6 | 0.6 | 0.9 |
| 10,0° | 9.6 | 9.3 | 8.9 | 8.9 | 8.9 | 8.9 | 8.2 | 7.9 | 7.6 | 7.2 | 7.6 | 1.2 | 2.1 |
| 12,5° | 23.3 | 17.5 | 12.0 | 10.0 | 9.3 | 9.3 | 8.6 | 7.9 | 7.2 | 7.2 | 7.6 | 2.7 | 4.8 |
| 15,0° | 34.0 | 34.3 | 29.9 | 26.1 | 17.2 | 11.3 | 10.3 | 8.9 | 7.9 | 7.6 | 7.6 | 4.5 | 9.3 |
| 17,5° | 42.6 | 32.3 | 25.1 | 22.3 | 20.9 | 20.3 | 15.1 | 14.1 | 13.0 | 9.3 | 8.9 | 7.4 | 16.7 |
| 20,0° | 45.6 | 36.0 | 28.8 | 26.4 | 27.8 | 17.5 | 12.4 | 16.5 | 23.3 | 25.7 | 26.8 | 9.9 | 26.5 |
| 22,5° | 41.2 | 31.2 | 26.8 | 26.8 | 26.8 | 20.9 | 15.8 | 24.4 | 26.1 | 22.3 | 22.7 | 12.9 | 39.4 |
| 25,0° | 39.1 | 29.9 | 25.7 | 23.7 | 25.1 | 21.6 | 18.5 | 26.8 | 30.5 | 32.6 | 33.0 | 15.1 | 54.5 |
| 27,5° | 42.2 | 33.3 | 26.8 | 27.8 | 28.8 | 25.7 | 25.7 | 28.8 | 27.1 | 29.2 | 30.9 | 17.6 | 72.1 |
| 30,0° | 43.6 | 38.8 | 33.3 | 30.9 | 27.8 | 25.7 | 27.8 | 33.0 | 29.9 | 28.8 | 28.8 | 20.9 | 93.1 |
| 32,5° | 62.5 | 54.2 | 40.5 | 34.7 | 31.6 | 29.2 | 27.1 | 31.2 | 28.5 | 27.5 | 28.1 | 24.6 | 117.7 |
| 35,0° | 83.4 | 70.4 | 57.3 | 50.5 | 43.9 | 36.0 | 27.8 | 35.0 | 31.2 | 27.8 | 28.1 | 28.7 | 146.4 |
| 37,5° | 87.5 | 76.5 | 65.6 | 59.0 | 48.7 | 37.4 | 32.6 | 41.9 | 38.1 | 34.3 | 34.3 | 33.0 | 179.4 |
| 40,0° | 87.2 | 75.9 | 65.6 | 60.1 | 50.8 | 39.5 | 35.0 | 47.4 | 46.3 | 43.2 | 43.9 | 36.8 | 216.2 |
| 42,5° | 87.9 | 75.9 | 66.2 | 62.8 | 53.2 | 42.6 | 37.1 | 48.4 | 47.4 | 44.6 | 45.3 | 40.9 | 257.1 |
| 45,0° | 88.2 | 76.9 | 67.6 | 63.5 | 53.9 | 43.2 | 37.4 | 47.4 | 46.7 | 42.9 | 44.6 | 44.5 | 301.7 |
| 47,5° | 87.2 | 77.2 | 67.3 | 63.8 | 52.9 | 43.2 | 36.7 | 45.6 | 45.3 | 41.5 | 42.6 | 48.3 | 350.0 |
| 50,0° | 81.3 | 74.1 | 65.2 | 63.2 | 51.1 | 41.9 | 35.7 | 42.6 | 42.6 | 38.1 | 40.5 | 51.6 | 401.6 |
| 52,5° | 77.6 | 72.8 | 64.2 | 62.1 | 49.8 | 40.2 | 34.3 | 39.1 | 38.8 | 35.0 | 36.4 | 54.7 | 456.3 |
| 55,0° | 72.4 | 70.4 | 62.8 | 59.4 | 47.7 | 36.7 | 31.9 | 36.0 | 35.4 | 30.9 | 33.6 | 57.3 | 513.7 |
| 57,5° | 67.6 | 67.6 | 61.4 | 56.6 | 46.0 | 34.7 | 29.9 | 33.0 | 31.9 | 27.8 | 29.5 | 59.4 | 573.1 |
| 60,0° | 59.7 | 61.4 | 57.3 | 55.3 | 45.0 | 33.3 | 27.5 | 29.5 | 29.2 | 24.4 | 26.8 | 59.1 | 632.1 |
| 62,5° | 53.5 | 55.6 | 52.9 | 58.3 | 47.0 | 37.8 | 25.7 | 27.5 | 26.4 | 22.0 | 22.7 | 56.9 | 689.0 |
| 65,0° | 47.7 | 52.5 | 49.4 | 58.0 | 50.8 | 40.5 | 25.1 | 25.4 | 24.4 | 19.6 | 22.0 | 53.3 | 742.3 |
| 67,5° | 43.9 | 49.8 | 50.8 | 58.0 | 51.8 | 43.9 | 24.0 | 23.7 | 22.0 | 17.8 | 18.5 | 50.4 | 792.7 |
| 70,0° | 40.5 | 43.6 | 48.7 | 54.6 | 49.8 | 39.1 | 25.7 | 22.0 | 19.9 | 16.1 | 17.8 | 46.8 | 839.5 |
| 72,5° | 35.0 | 40.5 | 44.6 | 51.5 | 48.4 | 34.3 | 27.5 | 20.9 | 17.5 | 14.4 | 15.8 | 42.7 | 882.2 |
| 75,0° | 32.6 | 37.4 | 37.1 | 41.9 | 35.4 | 24.7 | 22.7 | 18.5 | 15.4 | 12.4 | 13.7 | 34.6 | 916.8 |
| 77,5° | 27.5 | 29.5 | 27.8 | 31.6 | 23.0 | 18.5 | 16.1 | 15.8 | 13.4 | 11.0 | 11.7 | 24.6 | 941.3 |
| 80,0° | 22.7 | 19.6 | 17.5 | 21.6 | 18.2 | 18.2 | 15.4 | 14.1 | 11.0 | 9.3 | 9.6 | 14.0 | 955.4 |
| 82,5° | 17.8 | 14.8 | 13.4 | 15.8 | 15.1 | 16.1 | 14.1 | 12.7 | 10.0 | 8.6 | 8.2 | 8.4 | 963.7 |
| 85,0° | 14.1 | 11.3 | 9.6 | 12.4 | 12.4 | 13.4 | 11.7 | 11.0 | 8.6 | 7.2 | 7.6 | 5.0 | 968.8 |
| 87,5° | 11.7 | 9.3 | 7.9 | 10.0 | 10.3 | 10.6 | 9.6 | 9.6 | 7.6 | 6.9 | 6.9 | 3.8 | 972.6 |
| 90,0° | 8.2 | 6.2 | 5.5 | 8.2 | 8.6 | 8.2 | 7.9 | 7.9 | 6.5 | 5.5 | 5.5 | 2.8 | 975.4 |
| 92,5° | 7.6 | 5.8 | 4.8 | 6.9 | 6.9 | 6.9 | 6.5 | 6.5 | 5.1 | 4.8 | 4.8 | 2.5 | 977.9 |
| 95,0° | 6.5 | 5.1 | 4.5 | 5.5 | 5.8 | 5.8 | 5.5 | 5.5 | 4.8 | 4.5 | 4.1 | 2.3 | 980.2 |
| 97,5° | 6.2 | 4.8 | 4.1 | 4.8 | 5.5 | 5.1 | 4.8 | 4.8 | 4.5 | 4.1 | 4.1 | 2.1 | 982.4 |
| 100,0° | 5.8 | 4.8 | 4.1 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.1 | 4.1 | 4.1 | 2.0 | 984.3 |
| 102,5° | 5.5 | 4.8 | 4.1 | 4.8 | 4.8 | 4.1 | 4.1 | 4.1 | 4.1 | 3.8 | 4.1 | 1.8 | 986.2 |
| 105,0° | 5.1 | 4.5 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.4 | 3.4 | 1.7 | 987.9 |
| 107,5° | 4.8 | 4.1 | 3.8 | 3.8 | 4.1 | 3.8 | 3.8 | 3.8 | 3.4 | 3.4 | 3.4 | 1.6 | 989.5 |
| 110,0° | 4.8 | 4.1 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 1.5 | 990.9 |
| 112,5° | 4.1 | 4.1 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.1 | 2.7 | 1.4 | 992.3 |

Photometric test report

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| Family CITY-LIGHT PLUS LED | Order number: 5XA5275KF14H EAN: 4058352835258 | LP number 57130_31 |
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|---|-----------------------------------|---------------|
| Table of values for luminous intensities | Maximum luminous intensity | siteco |
|---|-----------------------------------|---------------|

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 115,0° | 5.8 | 6.2 | 6.2 | 6.2 | 5.8 | 5.8 | 5.5 | 5.5 | 5.5 | 5.5 | 5.8 | 6.2 | 6.2 |
| 117,5° | 5.5 | 5.5 | 5.8 | 5.8 | 5.5 | 5.5 | 5.5 | 5.1 | 5.5 | 5.5 | 5.5 | 5.5 | 6.2 |
| 120,0° | 4.8 | 5.1 | 5.5 | 5.5 | 5.1 | 5.1 | 4.8 | 4.8 | 5.1 | 5.1 | 5.5 | 5.5 | 5.5 |
| 122,5° | 4.8 | 4.8 | 5.1 | 5.1 | 4.8 | 4.5 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 5.5 |
| 125,0° | 4.1 | 3.8 | 4.1 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 4.1 | 4.1 | 4.1 | 4.1 |
| 127,5° | 2.7 | 2.7 | 3.1 | 3.1 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 130,0° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.7 | 1.7 | 2.1 | 2.1 |
| 132,5° | 2.1 | 2.1 | 2.1 | 1.7 | 1.7 | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 135,0° | 1.4 | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 137,5° | 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 |
| 140,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.0 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 142,5° | 1.4 | 1.4 | 1.0 | 1.0 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 145,0° | 1.4 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 147,5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 150,0° | 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 |
| 165,0° | 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 |
| 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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| Family CITY-LIGHT PLUS LED | Order number: 5XA5275KF14H EAN: 4058352835258 | LP number 57130_31 |
| | | siteco |

| C-planes | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 115,0° | 6.9 | 6.9 | 6.9 | 6.9 | 6.5 | 4.1 | 5.8 | 5.5 | 5.1 | 5.1 | 4.8 | 4.8 | 4.5 |
| 117,5° | 6.2 | 6.5 | 6.9 | 6.9 | 5.5 | 2.1 | 5.1 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.1 |
| 120,0° | 6.2 | 6.2 | 6.2 | 6.2 | 4.8 | 2.1 | 4.8 | 4.8 | 4.8 | 4.5 | 4.1 | 4.1 | 4.1 |
| 122,5° | 5.5 | 5.5 | 5.5 | 6.2 | 4.1 | 2.1 | 4.5 | 4.5 | 4.1 | 4.1 | 4.1 | 4.1 | 3.8 |
| 125,0° | 4.1 | 4.8 | 4.8 | 4.8 | 3.1 | 1.4 | 3.8 | 3.8 | 3.4 | 3.4 | 3.4 | 3.4 | 3.1 |
| 127,5° | 2.7 | 2.7 | 3.1 | 2.7 | 2.1 | 1.4 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| 130,0° | 2.1 | 2.1 | 2.1 | 2.1 | 1.4 | 0.7 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 132,5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.7 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 135,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.0 | 0.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| 137,5° | 1.4 | 1.4 | 1.4 | 1.0 | 0.7 | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 140,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 142,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 145,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 147,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 150,0° | 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 |
| 165,0° | 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 |
| 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 |

| C-planes | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-zone | Total Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | Luminous flux in lm/klm | |
| 115,0° | 4.1 | 4.1 | 3.4 | 3.1 | 3.4 | 2.7 | 2.7 | 3.1 | 2.7 | 2.7 | 2.7 | 1.3 | 993.6 |
| 117,5° | 4.1 | 3.4 | 3.4 | 3.1 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 1.1 | 994.7 |
| 120,0° | 4.1 | 3.4 | 3.4 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 1.1 | 995.8 |
| 122,5° | 3.4 | 3.4 | 3.4 | 2.7 | 2.7 | 2.4 | 2.4 | 2.7 | 2.7 | 2.4 | 2.1 | 1.0 | 996.7 |
| 125,0° | 2.7 | 2.7 | 2.7 | 2.4 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 0.8 | 997.5 |
| 127,5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 0.5 | 998.0 |
| 130,0° | 2.1 | 2.1 | 2.1 | 2.1 | 1.7 | 1.7 | 2.1 | 1.7 | 1.7 | 1.4 | 1.4 | 0.4 | 998.4 |
| 132,5° | 2.1 | 1.7 | 2.1 | 2.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.7 | 1.4 | 1.4 | 0.3 | 998.8 |
| 135,0° | 1.7 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.3 | 999.1 |
| 137,5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.2 | 999.3 |
| 140,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.2 | 999.5 |
| 142,5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.2 | 999.7 |
| 145,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.2 | 999.9 |
| 147,5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.0 | 1.4 | 1.4 | 0.2 | 1000.0 |
| 150,0° | 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 |
| 165,0° | 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 |
| 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

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| Family CITY-LIGHT PLUS LED | Order number: 5XA5275KF14H EAN: 4058352835258 | LP number 57130_31 |
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|-----------------------------|---------------------------------|---------------|
| Dimming levels table | environmental temperature: 25°C | siteco |
|-----------------------------|---------------------------------|---------------|

| 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 | 1470 | 10.0 | 10.4 | 10.2 |
| 95 | 241 | 252 | 1395 | 9.5 | 9.9 | 9.7 |
| 90 | 229 | 250 | 1325 | 9.0 | 9.3 | 9.2 |
| 85 | 216 | 248 | 1250 | 8.5 | 8.8 | 8.6 |
| 80 | 203 | 246 | 1175 | 8.0 | 8.3 | 8.2 |
| 75 | 190 | 243 | 1100 | 7.6 | 7.7 | 7.6 |
| 70 | 178 | 241 | 1030 | 7.1 | 7.3 | 7.2 |
| 65 | 165 | 238 | 955 | 6.6 | 6.8 | 6.7 |
| 60 | 152 | 235 | 880 | 6.1 | 6.4 | 6.2 |
| 55 | 140 | 232 | 810 | 5.7 | 5.9 | 5.8 |
| 50 | 127 | 229 | 735 | 5.3 | 5.5 | 5.4 |
| 45 | 114 | 225 | 660 | 4.8 | 5.0 | 4.9 |
| 40 | 102 | 221 | 590 | 4.4 | 4.6 | 4.5 |
| 35 | 89 | 216 | 515 | 4.0 | 4.1 | 4.0 |
| 30 | 76 | 210 | 440 | 3.6 | 3.7 | 3.6 |
| 30 | 75 | 209 | 434 | 3.5 | 3.7 | 3.6 |