

Photometric test report

Family
CITY-LIGHT 400 LED

Order number: **5XA5305LF14H**
EAN: **4058352835999**

LP number
57136_63



Version post-top- or mounting to wall arm
Optic asymmetric, extremely wide distribution (P1.0a)
Cover cover transparent, PMMA
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 1510 lm
Power consumption = 10.0 W
Luminous efficacy = 151 lm/W

serial
documentation
08.07.2022

siteco

Luminous intensity in cd/klm

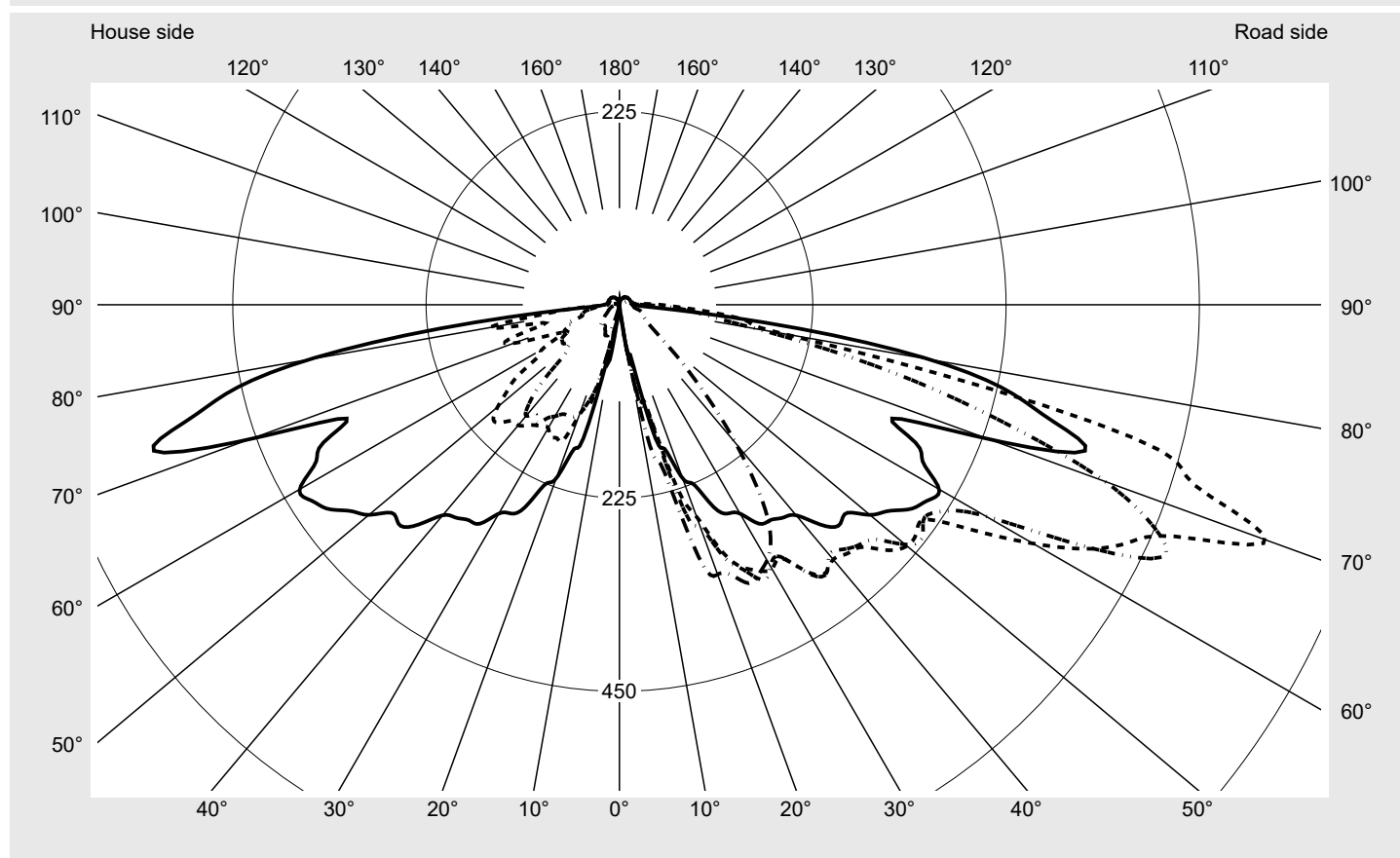
C180-0

C195-15

C200-20

C270-90

Imax: 801 cd/klm



Luminaire output ratios

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 93.4% |
| Eta 90° - 180° | 6.6% |

Luminous intensity class acc. to EN13201-2

| | |
|-----------|-------|
| Class: | --- |
| Imax 70° | 801.4 |
| Imax 80° | 366.5 |
| Imax 90° | 47.5 |
| Imax >90° | 27.6 |
| Imax >95° | 15.4 |

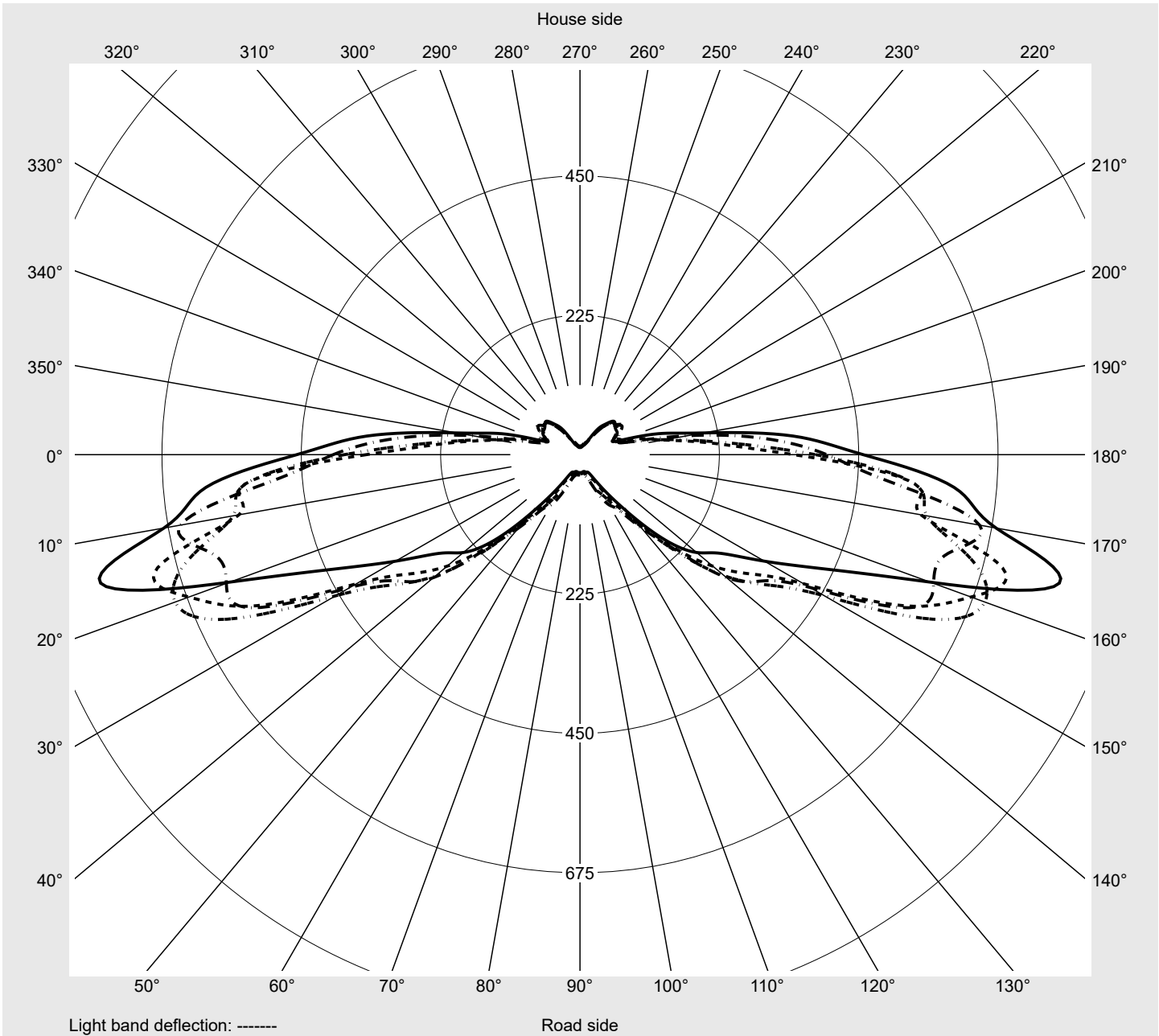
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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|--|--|-------------------------------------|
| Family CITY-LIGHT 400 LED | Order number: 5XA5305LF14H EAN: 4058352835999 | LP number 57136_63 |
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Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **siteco**



Photometric test report

| | | |
|---|--|-------------------------------------|
| Family CITY-LIGHT 400 LED | Order number: 5XA5305LF14H EAN: 4058352835999 | LP number 57136_63 |
| 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° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 2,5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.9 | 1.9 | 2.2 |
| 5,0° | 3.2 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 7,5° | 7.7 | 10.3 | 12.5 | 15.1 | 17.0 | 18.3 | 16.7 | 14.5 | 14.5 | 17.0 | 15.7 | 14.1 | 13.5 |
| 10,0° | 66.2 | 72.9 | 73.2 | 76.4 | 76.1 | 74.8 | 72.6 | 64.2 | 53.6 | 47.9 | 33.4 | 40.2 | 52.4 |
| 12,5° | 63.6 | 79.7 | 92.5 | 116.0 | 126.9 | 121.1 | 117.6 | 100.5 | 108.6 | 94.4 | 75.2 | 104.7 | 119.5 |
| 15,0° | 158.7 | 128.8 | 120.8 | 125.6 | 132.3 | 141.0 | 151.6 | 164.5 | 174.1 | 188.9 | 196.9 | 210.1 | 238.3 |
| 17,5° | 176.3 | 210.4 | 211.4 | 224.2 | 252.5 | 259.5 | 243.1 | 243.5 | 277.5 | 286.5 | 266.0 | 259.5 | 281.1 |
| 20,0° | 215.2 | 243.1 | 268.2 | 262.7 | 274.6 | 272.4 | 282.0 | 286.5 | 319.6 | 328.3 | 333.1 | 343.7 | 345.3 |
| 22,5° | 226.4 | 281.4 | 301.3 | 310.0 | 318.0 | 331.8 | 324.7 | 343.0 | 366.8 | 374.5 | 357.2 | 359.1 | 368.4 |
| 25,0° | 260.2 | 307.4 | 328.3 | 336.9 | 339.8 | 349.1 | 348.5 | 357.5 | 363.3 | 376.1 | 370.0 | 365.8 | 364.9 |
| 27,5° | 274.0 | 307.1 | 330.2 | 348.8 | 361.0 | 364.2 | 369.4 | 353.0 | 364.2 | 365.8 | 359.1 | 363.0 | 363.0 |
| 30,0° | 280.7 | 312.8 | 330.2 | 355.2 | 351.7 | 368.1 | 373.6 | 364.9 | 359.4 | 358.5 | 353.3 | 351.1 | 346.6 |
| 32,5° | 302.3 | 323.8 | 346.6 | 349.8 | 347.5 | 364.6 | 364.9 | 360.1 | 358.1 | 356.9 | 337.9 | 333.4 | 317.3 |
| 35,0° | 306.1 | 342.4 | 359.1 | 378.7 | 380.6 | 378.4 | 371.0 | 362.3 | 354.9 | 350.8 | 323.1 | 306.7 | 287.5 |
| 37,5° | 312.5 | 344.6 | 367.5 | 393.8 | 395.1 | 387.4 | 373.6 | 359.4 | 349.8 | 345.9 | 306.4 | 283.6 | 253.7 |
| 40,0° | 319.9 | 355.6 | 367.8 | 387.0 | 380.3 | 380.6 | 373.2 | 362.6 | 341.8 | 326.3 | 286.8 | 248.9 | 226.8 |
| 42,5° | 347.5 | 366.2 | 384.8 | 392.8 | 386.1 | 378.4 | 367.8 | 352.4 | 329.2 | 305.5 | 263.4 | 223.6 | 202.7 |
| 45,0° | 362.3 | 366.2 | 385.8 | 398.9 | 395.1 | 386.4 | 369.1 | 348.5 | 321.8 | 283.6 | 241.5 | 195.3 | 175.7 |
| 47,5° | 358.8 | 382.6 | 417.9 | 423.0 | 404.7 | 396.4 | 369.4 | 338.9 | 310.6 | 265.0 | 213.6 | 182.8 | 165.4 |
| 50,0° | 380.6 | 405.0 | 432.7 | 436.8 | 434.3 | 422.7 | 387.7 | 345.9 | 306.7 | 241.2 | 179.6 | 163.2 | 151.9 |
| 52,5° | 394.4 | 425.9 | 439.7 | 435.9 | 444.5 | 441.7 | 401.8 | 342.4 | 299.7 | 222.6 | 159.0 | 149.7 | 135.9 |
| 55,0° | 414.3 | 446.5 | 460.0 | 435.9 | 433.0 | 445.8 | 402.1 | 342.7 | 292.9 | 217.5 | 150.0 | 138.8 | 118.5 |
| 57,5° | 424.6 | 465.4 | 541.9 | 488.5 | 447.4 | 448.1 | 395.4 | 342.7 | 296.1 | 213.3 | 150.6 | 124.0 | 100.9 |
| 60,0° | 429.8 | 495.3 | 618.6 | 556.0 | 492.1 | 497.5 | 402.5 | 351.4 | 303.2 | 218.1 | 156.7 | 116.6 | 91.9 |
| 62,5° | 398.6 | 502.4 | 655.2 | 615.4 | 607.7 | 584.9 | 428.8 | 355.9 | 308.7 | 216.2 | 154.8 | 109.2 | 93.5 |
| 65,0° | 380.6 | 542.5 | 568.5 | 654.6 | 695.7 | 628.6 | 455.8 | 366.2 | 304.2 | 222.9 | 147.8 | 106.3 | 77.4 |
| 67,5° | 345.3 | 542.8 | 559.2 | 706.3 | 672.0 | 577.2 | 416.9 | 335.7 | 280.1 | 209.4 | 137.2 | 95.1 | 53.0 |
| 70,0° | 457.4 | 606.4 | 682.2 | 801.4 | 601.6 | 436.8 | 344.0 | 277.8 | 245.7 | 195.3 | 124.6 | 74.8 | 44.6 |
| 72,5° | 567.2 | 686.1 | 792.4 | 704.1 | 489.8 | 335.0 | 244.1 | 182.1 | 193.7 | 178.6 | 117.6 | 57.8 | 34.7 |
| 75,0° | 521.0 | 489.2 | 663.9 | 648.2 | 377.4 | 238.0 | 163.5 | 131.0 | 126.6 | 116.6 | 84.8 | 52.0 | 28.3 |
| 77,5° | 462.8 | 373.6 | 452.9 | 412.4 | 263.7 | 157.4 | 125.9 | 114.7 | 93.5 | 64.9 | 41.8 | 27.6 | 20.2 |
| 80,0° | 366.5 | 289.4 | 223.2 | 191.1 | 162.8 | 115.0 | 98.0 | 79.0 | 54.0 | 40.8 | 31.8 | 22.8 | 18.3 |
| 82,5° | 207.5 | 154.5 | 112.7 | 151.6 | 109.5 | 82.5 | 70.3 | 57.2 | 26.3 | 20.6 | 18.6 | 19.9 | 17.0 |
| 85,0° | 55.9 | 48.8 | 80.9 | 113.7 | 84.2 | 62.3 | 46.6 | 35.7 | 21.2 | 17.3 | 16.1 | 16.1 | 16.4 |
| 87,5° | 21.8 | 34.4 | 57.5 | 71.9 | 56.5 | 34.7 | 28.3 | 22.2 | 17.0 | 15.4 | 15.4 | 15.4 | 15.4 |
| 90,0° | 18.0 | 21.2 | 34.4 | 47.5 | 27.6 | 19.0 | 19.6 | 16.7 | 15.1 | 15.1 | 15.1 | 14.8 | 15.4 |
| 92,5° | 15.7 | 17.3 | 27.6 | 26.7 | 17.0 | 16.4 | 16.7 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 14.8 |
| 95,0° | 14.8 | 15.7 | 19.9 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 14.8 |
| 97,5° | 14.1 | 14.1 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 14.8 | 15.1 | 15.1 |
| 100,0° | 13.8 | 14.1 | 14.5 | 14.8 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.4 |
| 102,5° | 13.8 | 14.1 | 14.5 | 14.8 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.4 | 15.4 |
| 105,0° | 13.5 | 14.1 | 14.5 | 14.8 | 14.8 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.4 |
| 107,5° | 13.5 | 14.1 | 14.1 | 14.5 | 14.8 | 14.8 | 14.8 | 14.8 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| 110,0° | 13.5 | 13.8 | 14.1 | 14.5 | 14.8 | 14.8 | 14.8 | 14.8 | 15.1 | 15.1 | 14.8 | 15.1 | 15.1 |
| 112,5° | 13.5 | 13.8 | 14.1 | 14.5 | 14.5 | 14.5 | 14.8 | 14.8 | 14.8 | 14.8 | 15.1 | 15.1 | 15.1 |

Photometric test report

| | | |
|---|--|-------------------------------------|
| Family CITY-LIGHT 400 LED | Order number: 5XA5305LF14H EAN: 4058352835999 | LP number 57136_63 |
| 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° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 2,5° | 2.6 | 2.6 | 2.6 | 2.9 | 2.9 | 3.2 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| 5,0° | 3.5 | 3.9 | 3.9 | 4.2 | 4.2 | 4.5 | 2.6 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.6 |
| 7,5° | 15.4 | 15.1 | 13.5 | 12.5 | 11.6 | 10.9 | 6.1 | 5.1 | 4.5 | 3.9 | 3.5 | 3.2 | 3.2 |
| 10,0° | 54.6 | 65.5 | 67.8 | 69.1 | 67.5 | 67.5 | 67.1 | 57.8 | 45.3 | 37.3 | 24.4 | 21.2 | 12.5 |
| 12,5° | 140.0 | 160.9 | 158.0 | 166.7 | 167.0 | 176.0 | 53.6 | 45.3 | 35.7 | 37.9 | 41.4 | 46.3 | 47.5 |
| 15,0° | 248.0 | 242.8 | 228.4 | 221.0 | 202.7 | 200.4 | 127.8 | 131.4 | 98.6 | 91.2 | 91.2 | 85.1 | 75.2 |
| 17,5° | 296.1 | 302.6 | 302.9 | 310.9 | 305.8 | 310.3 | 147.1 | 160.3 | 124.9 | 117.6 | 110.8 | 90.6 | 82.9 |
| 20,0° | 348.5 | 350.1 | 344.3 | 341.8 | 329.6 | 334.0 | 181.8 | 169.0 | 136.5 | 134.9 | 123.0 | 108.2 | 92.5 |
| 22,5° | 362.3 | 354.0 | 344.6 | 343.0 | 336.6 | 340.5 | 198.2 | 203.3 | 170.6 | 141.3 | 130.1 | 118.2 | 106.0 |
| 25,0° | 360.1 | 356.2 | 351.4 | 356.2 | 352.7 | 357.8 | 236.4 | 218.1 | 171.5 | 142.3 | 124.9 | 110.8 | 97.3 |
| 27,5° | 349.5 | 340.8 | 345.6 | 350.1 | 347.2 | 352.7 | 243.1 | 223.6 | 173.4 | 143.6 | 127.2 | 124.3 | 104.4 |
| 30,0° | 327.0 | 324.4 | 330.5 | 339.8 | 337.6 | 343.7 | 248.6 | 212.0 | 165.7 | 150.0 | 133.6 | 121.4 | 89.9 |
| 32,5° | 302.9 | 304.5 | 312.2 | 321.2 | 321.5 | 327.6 | 266.0 | 227.4 | 167.7 | 156.7 | 148.4 | 118.8 | 88.3 |
| 35,0° | 273.7 | 277.8 | 287.8 | 293.6 | 294.5 | 299.4 | 278.8 | 235.4 | 171.2 | 167.7 | 149.0 | 118.2 | 96.4 |
| 37,5° | 245.4 | 252.1 | 255.7 | 257.3 | 255.0 | 257.0 | 280.4 | 232.9 | 177.0 | 160.3 | 137.5 | 92.5 | 92.2 |
| 40,0° | 226.1 | 226.4 | 223.2 | 216.8 | 211.0 | 210.7 | 289.7 | 216.5 | 183.1 | 169.0 | 109.5 | 83.5 | 89.6 |
| 42,5° | 202.7 | 200.4 | 189.5 | 177.6 | 169.0 | 167.0 | 304.8 | 226.1 | 183.4 | 155.1 | 79.3 | 76.8 | 84.5 |
| 45,0° | 170.2 | 167.7 | 157.1 | 141.0 | 131.0 | 127.2 | 314.5 | 235.4 | 193.7 | 127.5 | 64.9 | 73.6 | 80.3 |
| 47,5° | 146.5 | 139.1 | 128.5 | 110.8 | 101.2 | 97.0 | 319.0 | 234.5 | 198.8 | 88.0 | 63.0 | 71.9 | 77.4 |
| 50,0° | 130.7 | 114.7 | 103.1 | 87.0 | 77.1 | 71.9 | 324.1 | 243.8 | 185.0 | 80.0 | 66.5 | 71.3 | 75.2 |
| 52,5° | 113.7 | 95.7 | 84.5 | 69.1 | 61.7 | 55.9 | 330.2 | 244.4 | 164.5 | 72.6 | 72.3 | 71.3 | 73.6 |
| 55,0° | 98.3 | 79.3 | 69.4 | 57.5 | 49.5 | 45.6 | 336.9 | 261.1 | 144.5 | 79.0 | 76.4 | 73.2 | 74.5 |
| 57,5° | 85.8 | 67.8 | 55.6 | 45.0 | 40.5 | 39.8 | 353.6 | 259.2 | 110.8 | 78.7 | 79.3 | 74.2 | 77.1 |
| 60,0° | 74.8 | 53.6 | 45.6 | 37.9 | 36.0 | 36.0 | 353.3 | 227.7 | 104.1 | 76.8 | 76.4 | 76.1 | 80.3 |
| 62,5° | 69.4 | 45.9 | 36.3 | 33.1 | 33.1 | 32.8 | 299.4 | 176.0 | 77.1 | 68.1 | 69.4 | 75.5 | 81.9 |
| 65,0° | 63.0 | 44.6 | 33.1 | 30.5 | 30.8 | 30.8 | 229.3 | 139.7 | 78.4 | 70.3 | 62.3 | 72.9 | 83.8 |
| 67,5° | 43.0 | 34.0 | 30.2 | 28.9 | 29.6 | 29.6 | 213.9 | 136.5 | 99.9 | 60.4 | 59.1 | 67.1 | 73.6 |
| 70,0° | 31.8 | 30.2 | 28.3 | 27.9 | 28.9 | 28.9 | 345.3 | 202.0 | 130.7 | 64.9 | 60.7 | 69.4 | 70.7 |
| 72,5° | 27.3 | 24.4 | 25.7 | 26.3 | 27.0 | 27.0 | 469.9 | 210.4 | 136.5 | 47.9 | 55.6 | 69.1 | 65.2 |
| 75,0° | 22.8 | 22.5 | 23.1 | 24.1 | 23.8 | 23.8 | 464.1 | 207.2 | 96.0 | 45.3 | 51.4 | 61.3 | 61.3 |
| 77,5° | 20.9 | 20.9 | 20.9 | 20.6 | 19.9 | 19.3 | 344.3 | 267.9 | 102.8 | 42.7 | 50.1 | 54.9 | 58.5 |
| 80,0° | 19.9 | 19.3 | 19.0 | 18.3 | 18.0 | 17.3 | 172.8 | 304.2 | 152.9 | 39.2 | 44.6 | 44.6 | 49.8 |
| 82,5° | 17.7 | 18.0 | 17.3 | 16.7 | 16.7 | 16.7 | 131.7 | 124.3 | 97.3 | 30.5 | 37.9 | 34.7 | 34.4 |
| 85,0° | 16.4 | 16.7 | 16.1 | 16.1 | 16.1 | 16.1 | 84.8 | 44.0 | 59.4 | 25.7 | 29.6 | 27.6 | 27.9 |
| 87,5° | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 29.9 | 15.7 | 20.9 | 19.3 | 23.8 | 24.1 | 23.4 |
| 90,0° | 14.8 | 15.1 | 14.8 | 15.1 | 15.1 | 14.8 | 14.8 | 13.8 | 14.8 | 16.7 | 20.2 | 20.6 | 18.0 |
| 92,5° | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 13.8 | 13.2 | 13.8 | 15.4 | 16.7 | 15.1 | 12.8 |
| 95,0° | 15.1 | 14.8 | 14.8 | 15.1 | 15.1 | 15.4 | 13.5 | 12.8 | 12.5 | 12.5 | 11.9 | 10.6 | 9.6 |
| 97,5° | 15.1 | 14.8 | 15.4 | 14.8 | 15.1 | 14.8 | 13.5 | 12.8 | 12.2 | 11.2 | 10.9 | 9.6 | 9.3 |
| 100,0° | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 13.5 | 12.8 | 12.2 | 11.6 | 10.9 | 10.3 | 9.3 |
| 102,5° | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 14.1 | 13.5 | 12.8 | 12.2 | 11.6 | 10.9 | 10.3 | 9.6 |
| 105,0° | 15.4 | 15.4 | 15.4 | 15.4 | 15.1 | 12.8 | 13.2 | 12.5 | 12.2 | 11.6 | 10.9 | 10.3 | 9.6 |
| 107,5° | 15.4 | 15.4 | 15.4 | 15.4 | 14.8 | 12.8 | 12.8 | 12.5 | 12.2 | 11.6 | 10.9 | 10.3 | 9.6 |
| 110,0° | 15.4 | 15.4 | 15.4 | 15.4 | 14.5 | 12.2 | 12.8 | 12.5 | 12.2 | 11.6 | 10.9 | 10.3 | 9.3 |
| 112,5° | 15.1 | 15.1 | 15.4 | 15.4 | 14.1 | 11.6 | 12.8 | 12.2 | 12.2 | 11.6 | 10.9 | 10.3 | 9.6 |

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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° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 0.0 | 0.0 |
| 2,5° | 1.9 | 1.9 | 1.9 | 2.2 | 2.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.9 | 2.6 | 0.0 | 0.0 |
| 5,0° | 2.6 | 2.6 | 2.6 | 2.6 | 2.9 | 2.9 | 2.9 | 2.6 | 2.9 | 2.9 | 2.6 | 0.1 | 0.1 |
| 7,5° | 3.2 | 3.2 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 3.2 | 2.9 | 3.2 | 0.3 | 0.4 |
| 10,0° | 6.1 | 4.8 | 4.2 | 3.5 | 3.5 | 3.5 | 3.5 | 3.2 | 3.2 | 2.9 | 3.2 | 1.9 | 2.4 |
| 12,5° | 44.6 | 34.7 | 27.3 | 19.6 | 11.9 | 7.7 | 6.1 | 3.9 | 3.9 | 3.5 | 3.2 | 4.4 | 6.8 |
| 15,0° | 67.5 | 69.1 | 61.0 | 47.5 | 26.7 | 20.9 | 15.4 | 17.3 | 17.0 | 14.1 | 10.9 | 8.7 | 15.5 |
| 17,5° | 67.8 | 55.9 | 40.2 | 31.8 | 22.8 | 23.4 | 29.6 | 32.8 | 30.5 | 27.0 | 25.7 | 13.9 | 29.4 |
| 20,0° | 74.5 | 82.5 | 80.6 | 71.0 | 54.6 | 40.8 | 31.5 | 31.5 | 31.8 | 34.7 | 37.3 | 18.6 | 48.0 |
| 22,5° | 90.3 | 75.8 | 65.2 | 61.7 | 47.9 | 45.0 | 42.4 | 41.4 | 39.8 | 38.2 | 38.5 | 22.8 | 70.8 |
| 25,0° | 81.9 | 65.8 | 54.0 | 46.9 | 44.6 | 45.6 | 43.7 | 40.2 | 36.9 | 38.5 | 39.2 | 25.9 | 96.7 |
| 27,5° | 75.8 | 52.4 | 45.0 | 44.0 | 43.7 | 44.6 | 42.1 | 38.5 | 36.6 | 35.0 | 35.3 | 28.3 | 125.0 |
| 30,0° | 63.3 | 50.1 | 47.9 | 46.9 | 46.6 | 45.6 | 40.5 | 34.0 | 32.4 | 33.1 | 33.4 | 30.1 | 155.1 |
| 32,5° | 65.2 | 59.1 | 55.9 | 54.0 | 50.1 | 45.3 | 39.5 | 34.7 | 31.8 | 30.8 | 30.8 | 32.1 | 187.2 |
| 35,0° | 88.7 | 79.7 | 71.3 | 64.6 | 57.5 | 48.5 | 39.2 | 33.7 | 30.5 | 29.6 | 29.6 | 34.3 | 221.5 |
| 37,5° | 87.7 | 80.3 | 72.9 | 66.8 | 61.3 | 53.0 | 45.3 | 38.9 | 33.7 | 31.5 | 31.5 | 35.4 | 256.9 |
| 40,0° | 85.4 | 76.1 | 68.7 | 63.3 | 58.5 | 50.8 | 43.0 | 36.9 | 34.7 | 34.4 | 34.7 | 35.6 | 292.5 |
| 42,5° | 80.9 | 73.9 | 67.5 | 62.3 | 57.5 | 49.1 | 42.4 | 36.0 | 33.4 | 31.8 | 32.1 | 35.9 | 328.4 |
| 45,0° | 79.3 | 73.9 | 66.2 | 60.4 | 54.3 | 45.9 | 38.2 | 33.1 | 30.2 | 28.3 | 28.9 | 35.9 | 364.4 |
| 47,5° | 77.7 | 73.9 | 66.2 | 58.5 | 51.1 | 42.4 | 35.0 | 29.6 | 27.9 | 25.7 | 26.3 | 36.3 | 400.6 |
| 50,0° | 74.8 | 69.7 | 63.0 | 54.6 | 47.2 | 38.5 | 31.2 | 26.7 | 24.1 | 22.8 | 23.1 | 37.0 | 437.6 |
| 52,5° | 73.6 | 69.1 | 62.3 | 50.8 | 44.0 | 36.0 | 28.9 | 23.8 | 21.8 | 20.2 | 21.2 | 37.5 | 475.2 |
| 55,0° | 72.6 | 65.8 | 59.1 | 46.3 | 39.8 | 32.1 | 26.0 | 21.5 | 19.3 | 18.3 | 18.6 | 38.2 | 513.4 |
| 57,5° | 71.6 | 64.2 | 58.5 | 43.4 | 36.0 | 29.9 | 23.4 | 19.3 | 17.3 | 16.4 | 16.7 | 39.7 | 553.1 |
| 60,0° | 73.2 | 66.5 | 58.8 | 40.2 | 33.1 | 27.0 | 21.2 | 17.7 | 15.7 | 15.4 | 15.4 | 42.0 | 595.1 |
| 62,5° | 72.6 | 71.3 | 59.7 | 40.2 | 29.6 | 24.1 | 19.6 | 16.4 | 14.5 | 14.1 | 14.1 | 43.8 | 638.8 |
| 65,0° | 75.8 | 73.6 | 58.8 | 40.2 | 26.3 | 21.8 | 18.0 | 15.4 | 13.8 | 12.8 | 13.5 | 44.6 | 683.5 |
| 67,5° | 73.6 | 72.9 | 60.1 | 42.4 | 24.7 | 19.6 | 16.7 | 14.5 | 12.8 | 12.2 | 12.2 | 43.5 | 726.9 |
| 70,0° | 73.9 | 76.4 | 64.6 | 51.1 | 27.3 | 18.0 | 15.4 | 13.5 | 12.2 | 11.6 | 11.6 | 45.6 | 772.5 |
| 72,5° | 72.6 | 69.4 | 52.4 | 45.9 | 29.6 | 16.7 | 14.5 | 12.5 | 11.2 | 10.6 | 10.3 | 44.5 | 817.0 |
| 75,0° | 67.1 | 53.3 | 48.5 | 32.4 | 23.4 | 14.8 | 13.2 | 11.6 | 10.6 | 9.6 | 9.6 | 37.1 | 854.1 |
| 77,5° | 63.9 | 43.4 | 36.6 | 21.8 | 17.7 | 14.1 | 12.2 | 10.6 | 9.6 | 9.0 | 8.4 | 28.9 | 883.0 |
| 80,0° | 41.1 | 32.8 | 26.0 | 21.8 | 18.0 | 13.5 | 11.2 | 9.6 | 8.7 | 8.0 | 7.7 | 21.0 | 904.0 |
| 82,5° | 27.6 | 25.4 | 20.9 | 22.8 | 17.3 | 12.5 | 10.6 | 8.7 | 7.7 | 7.7 | 7.1 | 13.6 | 917.6 |
| 85,0° | 22.2 | 19.6 | 18.6 | 18.6 | 14.8 | 10.6 | 9.3 | 8.0 | 7.4 | 7.1 | 6.4 | 8.7 | 926.2 |
| 87,5° | 19.0 | 15.7 | 14.1 | 14.1 | 11.6 | 8.7 | 7.7 | 7.1 | 6.4 | 6.4 | 6.4 | 5.8 | 932.0 |
| 90,0° | 14.8 | 11.9 | 9.6 | 8.7 | 7.7 | 7.1 | 6.4 | 5.8 | 5.8 | 5.5 | 5.1 | 4.3 | 936.3 |
| 92,5° | 10.6 | 9.3 | 8.0 | 7.1 | 6.4 | 5.8 | 5.1 | 5.1 | 4.5 | 4.5 | 4.5 | 3.6 | 940.0 |
| 95,0° | 8.7 | 8.4 | 7.7 | 7.1 | 6.4 | 5.8 | 5.1 | 5.1 | 4.8 | 4.5 | 4.5 | 3.3 | 943.3 |
| 97,5° | 8.7 | 8.4 | 7.7 | 7.1 | 6.4 | 5.8 | 5.8 | 5.1 | 4.8 | 4.8 | 4.5 | 3.2 | 946.4 |
| 100,0° | 9.0 | 8.4 | 7.7 | 7.1 | 6.4 | 6.1 | 5.8 | 5.1 | 4.8 | 4.8 | 4.5 | 3.2 | 949.6 |
| 102,5° | 9.0 | 8.4 | 7.7 | 7.1 | 6.4 | 6.4 | 5.8 | 5.1 | 5.1 | 5.1 | 4.5 | 3.2 | 952.8 |
| 105,0° | 9.0 | 8.4 | 7.7 | 7.1 | 6.4 | 6.4 | 5.8 | 5.1 | 5.1 | 5.1 | 4.5 | 3.1 | 955.9 |
| 107,5° | 9.0 | 8.4 | 7.7 | 7.1 | 6.4 | 6.4 | 5.8 | 5.8 | 5.1 | 5.1 | 4.5 | 3.1 | 959.0 |
| 110,0° | 8.7 | 8.4 | 7.7 | 7.1 | 6.4 | 6.4 | 5.8 | 5.8 | 5.1 | 5.1 | 3.9 | 3.0 | 962.0 |
| 112,5° | 9.0 | 8.4 | 7.7 | 7.1 | 6.7 | 6.4 | 5.8 | 5.8 | 5.1 | 4.8 | 3.2 | 2.9 | 965.0 |

Photometric test report

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| Family CITY-LIGHT 400 LED | Order number: 5XA5305LF14H EAN: 4058352835999 | LP number 57136_63 |
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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° | 13.5 | 13.8 | 14.1 | 14.1 | 14.5 | 14.5 | 14.8 | 14.8 | 14.8 | 14.8 | 14.8 | 15.1 | 15.1 |
| 117,5° | 13.2 | 13.5 | 14.1 | 14.1 | 14.1 | 14.5 | 14.5 | 14.5 | 14.5 | 14.8 | 14.8 | 14.8 | 14.8 |
| 120,0° | 12.8 | 13.5 | 13.8 | 14.1 | 14.1 | 14.1 | 14.1 | 14.5 | 14.5 | 14.8 | 14.8 | 14.8 | 14.8 |
| 122,5° | 12.8 | 13.5 | 13.5 | 13.8 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.5 | 14.5 |
| 125,0° | 12.8 | 12.8 | 13.5 | 13.5 | 13.8 | 13.8 | 13.8 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 |
| 127,5° | 12.8 | 12.8 | 13.2 | 13.5 | 13.5 | 13.5 | 13.8 | 13.8 | 13.8 | 13.8 | 13.8 | 14.1 | 14.1 |
| 130,0° | 12.2 | 12.8 | 12.8 | 12.8 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.8 | 13.5 |
| 132,5° | 12.2 | 12.2 | 12.8 | 12.8 | 12.8 | 13.2 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |
| 135,0° | 12.2 | 12.2 | 12.2 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 13.2 | 13.2 | 13.2 | 12.8 |
| 137,5° | 11.6 | 11.9 | 12.2 | 12.2 | 12.5 | 12.5 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| 140,0° | 10.9 | 11.6 | 11.6 | 11.9 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.8 | 12.5 |
| 142,5° | 10.9 | 10.9 | 11.2 | 11.6 | 11.6 | 11.6 | 11.9 | 11.9 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 |
| 145,0° | 10.3 | 10.9 | 10.9 | 10.9 | 10.9 | 11.2 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 |
| 147,5° | 10.3 | 10.3 | 10.3 | 10.9 | 10.9 | 10.9 | 10.9 | 11.2 | 11.2 | 11.6 | 11.6 | 11.6 | 11.6 |
| 150,0° | 9.6 | 9.6 | 10.3 | 10.3 | 10.3 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 |
| 165,0° | 5.1 | 5.1 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 | 5.1 |
| 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 400 LED | Order number: 5XA5305LF14H EAN: 4058352835999 | LP number 57136_63 |
| | | 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° | 15.1 | 15.1 | 15.1 | 14.8 | 12.5 | 7.7 | 12.8 | 12.2 | 12.2 | 11.6 | 10.9 | 10.3 | 9.6 |
| 117,5° | 14.8 | 14.8 | 14.8 | 14.8 | 10.6 | 4.5 | 12.8 | 12.2 | 11.9 | 11.2 | 10.9 | 10.3 | 9.6 |
| 120,0° | 14.8 | 14.8 | 14.8 | 14.8 | 9.3 | 4.5 | 12.8 | 12.2 | 11.9 | 11.2 | 10.9 | 10.3 | 9.6 |
| 122,5° | 14.8 | 14.5 | 14.8 | 14.5 | 8.4 | 3.9 | 12.5 | 12.2 | 11.6 | 10.9 | 10.9 | 10.3 | 9.6 |
| 125,0° | 14.1 | 14.1 | 14.1 | 13.8 | 7.7 | 3.9 | 12.2 | 12.2 | 11.6 | 10.9 | 10.6 | 10.0 | 9.6 |
| 127,5° | 14.1 | 14.1 | 14.1 | 13.5 | 7.1 | 3.9 | 12.2 | 11.6 | 11.6 | 10.9 | 10.3 | 10.0 | 9.6 |
| 130,0° | 13.8 | 13.8 | 14.1 | 12.5 | 6.7 | 3.9 | 12.2 | 11.6 | 11.6 | 10.9 | 10.3 | 10.0 | 9.3 |
| 132,5° | 13.5 | 13.5 | 13.5 | 11.2 | 6.4 | 3.9 | 11.6 | 11.6 | 10.9 | 10.6 | 10.3 | 9.6 | 9.0 |
| 135,0° | 13.2 | 12.8 | 12.8 | 10.3 | 6.1 | 3.9 | 11.6 | 10.9 | 10.9 | 10.3 | 10.3 | 9.6 | 9.0 |
| 137,5° | 12.8 | 12.8 | 12.8 | 9.3 | 5.8 | 3.9 | 11.6 | 10.9 | 10.9 | 10.3 | 9.6 | 9.3 | 9.0 |
| 140,0° | 12.5 | 12.5 | 11.9 | 8.4 | 5.5 | 3.9 | 10.9 | 10.3 | 10.3 | 9.6 | 9.3 | 9.0 | 8.4 |
| 142,5° | 12.2 | 12.2 | 10.9 | 7.7 | 5.1 | 3.9 | 10.3 | 10.3 | 10.0 | 9.6 | 9.0 | 9.0 | 8.4 |
| 145,0° | 11.6 | 11.6 | 10.0 | 7.4 | 5.1 | 3.9 | 10.3 | 9.6 | 9.6 | 9.0 | 9.0 | 8.4 | 8.4 |
| 147,5° | 11.6 | 10.9 | 9.0 | 7.1 | 5.1 | 3.9 | 9.6 | 9.6 | 9.0 | 9.0 | 8.4 | 8.4 | 7.7 |
| 150,0° | 10.9 | 10.0 | 8.0 | 6.7 | 4.8 | 3.9 | 9.6 | 9.0 | 9.0 | 8.4 | 8.4 | 8.0 | 7.7 |
| 165,0° | 4.8 | 4.5 | 3.9 | 3.2 | 3.2 | 2.6 | 5.1 | 5.1 | 4.5 | 4.5 | 4.5 | 4.5 | 3.9 |
| 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° | 9.0 | 8.4 | 7.7 | 7.1 | 7.1 | 6.4 | 6.4 | 5.8 | 5.5 | 4.5 | 2.6 | 2.9 | 967.8 |
| 117,5° | 9.0 | 8.4 | 7.7 | 7.1 | 7.1 | 6.4 | 5.8 | 5.8 | 5.8 | 3.9 | 2.6 | 2.7 | 970.5 |
| 120,0° | 9.0 | 8.4 | 7.7 | 7.4 | 7.1 | 6.4 | 6.4 | 5.8 | 5.5 | 3.9 | 1.9 | 2.7 | 973.2 |
| 122,5° | 9.0 | 8.4 | 7.7 | 7.7 | 7.1 | 6.4 | 6.4 | 5.8 | 5.8 | 3.9 | 2.6 | 2.6 | 975.8 |
| 125,0° | 9.0 | 8.4 | 7.7 | 7.4 | 7.1 | 6.4 | 6.4 | 5.8 | 5.5 | 3.9 | 1.9 | 2.4 | 978.2 |
| 127,5° | 9.0 | 8.4 | 7.7 | 7.7 | 7.1 | 6.4 | 6.4 | 6.1 | 5.1 | 3.9 | 2.6 | 2.3 | 980.5 |
| 130,0° | 9.0 | 8.4 | 8.0 | 7.7 | 7.1 | 6.7 | 6.4 | 6.1 | 5.1 | 3.9 | 2.6 | 2.2 | 982.8 |
| 132,5° | 9.0 | 8.4 | 7.7 | 7.7 | 7.1 | 6.7 | 6.4 | 5.8 | 4.5 | 3.9 | 2.6 | 2.1 | 984.8 |
| 135,0° | 8.7 | 8.0 | 7.7 | 7.4 | 7.1 | 6.7 | 6.4 | 5.8 | 4.5 | 3.9 | 2.6 | 2.0 | 986.8 |
| 137,5° | 8.4 | 8.0 | 7.7 | 7.1 | 7.1 | 6.4 | 6.4 | 5.8 | 4.5 | 3.5 | 2.6 | 1.8 | 988.6 |
| 140,0° | 8.4 | 7.7 | 7.4 | 7.1 | 6.7 | 6.4 | 6.1 | 5.5 | 4.5 | 3.2 | 2.6 | 1.7 | 990.3 |
| 142,5° | 7.7 | 7.7 | 7.1 | 7.1 | 6.4 | 6.4 | 5.8 | 5.1 | 4.2 | 3.2 | 2.6 | 1.5 | 991.8 |
| 145,0° | 7.7 | 7.7 | 7.1 | 7.1 | 6.4 | 6.4 | 5.8 | 4.8 | 4.5 | 3.2 | 2.6 | 1.4 | 993.2 |
| 147,5° | 7.7 | 7.1 | 7.1 | 7.1 | 6.4 | 6.4 | 5.8 | 4.5 | 4.2 | 3.5 | 3.2 | 1.3 | 994.5 |
| 150,0° | 7.4 | 7.1 | 7.1 | 6.4 | 6.4 | 6.1 | 5.1 | 4.5 | 3.9 | 3.5 | 3.2 | 3.6 | 998.1 |
| 165,0° | 3.9 | 3.9 | 3.5 | 3.2 | 3.2 | 2.9 | 2.6 | 2.6 | 2.6 | 2.6 | 1.9 | 1.9 | 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 400 LED | Order number: 5XA5305LF14H EAN: 4058352835999 | LP number 57136_63 |
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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 | 1510 | 10.0 | 10.4 | 10.2 |
| 95 | 241 | 252 | 1433 | 9.5 | 9.9 | 9.7 |
| 90 | 229 | 250 | 1361 | 9.0 | 9.3 | 9.2 |
| 85 | 216 | 248 | 1284 | 8.5 | 8.8 | 8.6 |
| 80 | 203 | 246 | 1207 | 8.0 | 8.3 | 8.2 |
| 75 | 190 | 243 | 1130 | 7.6 | 7.7 | 7.6 |
| 70 | 178 | 241 | 1058 | 7.1 | 7.3 | 7.2 |
| 65 | 165 | 238 | 981 | 6.6 | 6.8 | 6.7 |
| 60 | 152 | 235 | 904 | 6.1 | 6.4 | 6.2 |
| 55 | 140 | 232 | 832 | 5.7 | 5.9 | 5.8 |
| 50 | 127 | 229 | 755 | 5.3 | 5.5 | 5.4 |
| 45 | 114 | 225 | 678 | 4.8 | 5.0 | 4.9 |
| 40 | 102 | 221 | 606 | 4.4 | 4.6 | 4.5 |
| 35 | 89 | 216 | 529 | 4.0 | 4.1 | 4.0 |
| 30 | 76 | 210 | 452 | 3.6 | 3.7 | 3.6 |
| 30 | 75 | 209 | 446 | 3.5 | 3.7 | 3.6 |