

Photometric test report

Family
Streetlight 11 micro LED

Order number: 5XC1A11F08CE
EAN: 4058352990759

LP number
58065_204



| | |
|---------------------|--|
| Version | post-top or side-entry mounting |
| Optic | asymmetric, wide distribution (ST1.2a) |
| Cover | transparent, PMMA |
| Lamps | LED 1800 K CRI ≥ 70 |
| Controlgear | ECG SITECO iQ |
| Rated values | Net luminous flux = 1180 lm Power consumption = 12.4 W Luminous efficacy = 95.2 lm/W |

serial
documentation
28.11.2023

siteco

Luminous intensity in cd/klm

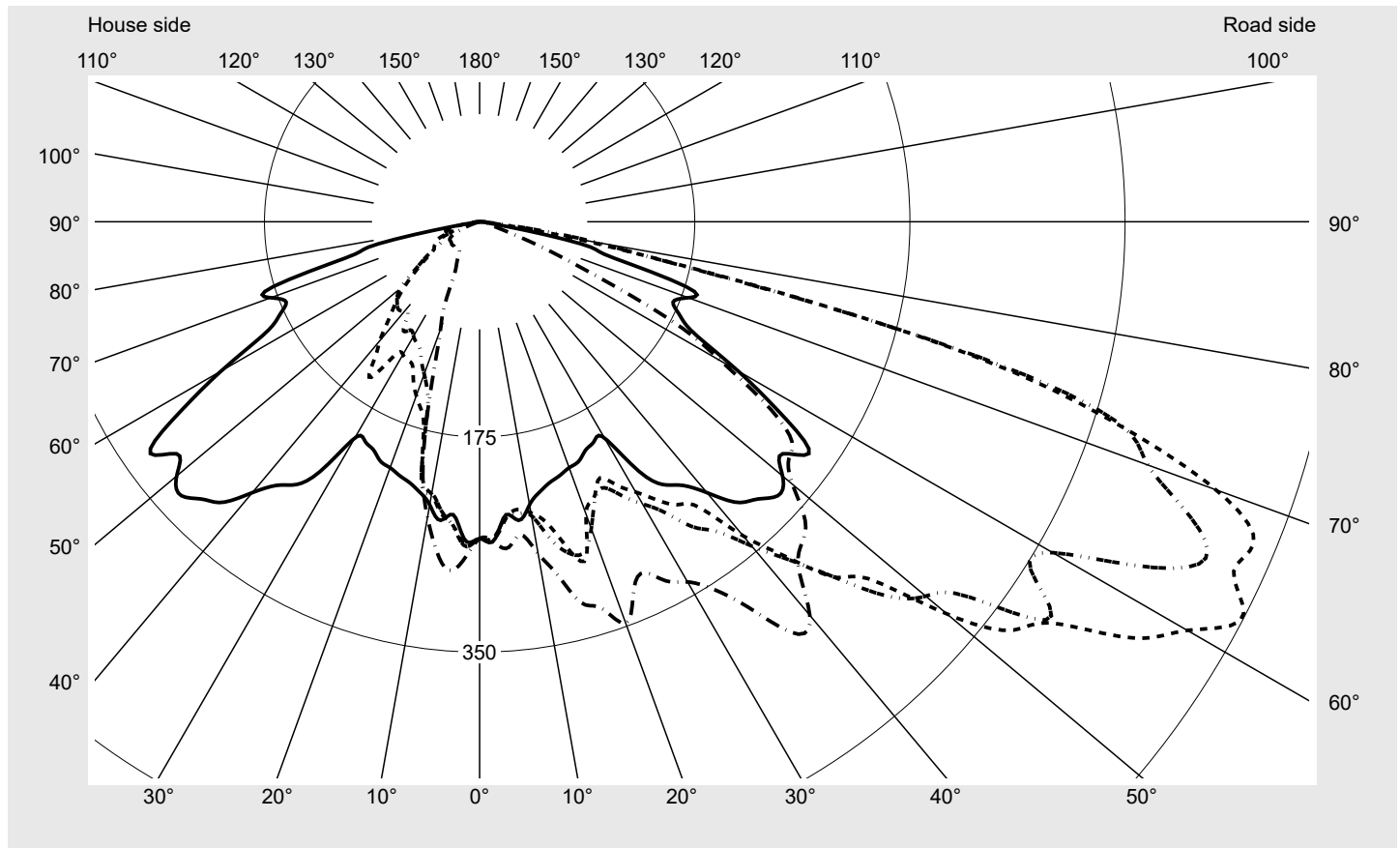
C180-0

C205-25

C210-30

C270-90

Imax: 699 cd/klm



Luminaire output ratios

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

Luminous intensity class acc. to EN13201-2

| | |
|-----------|-------|
| Class: | G3 |
| Imax 70° | 637.5 |
| Imax 80° | 98.2 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

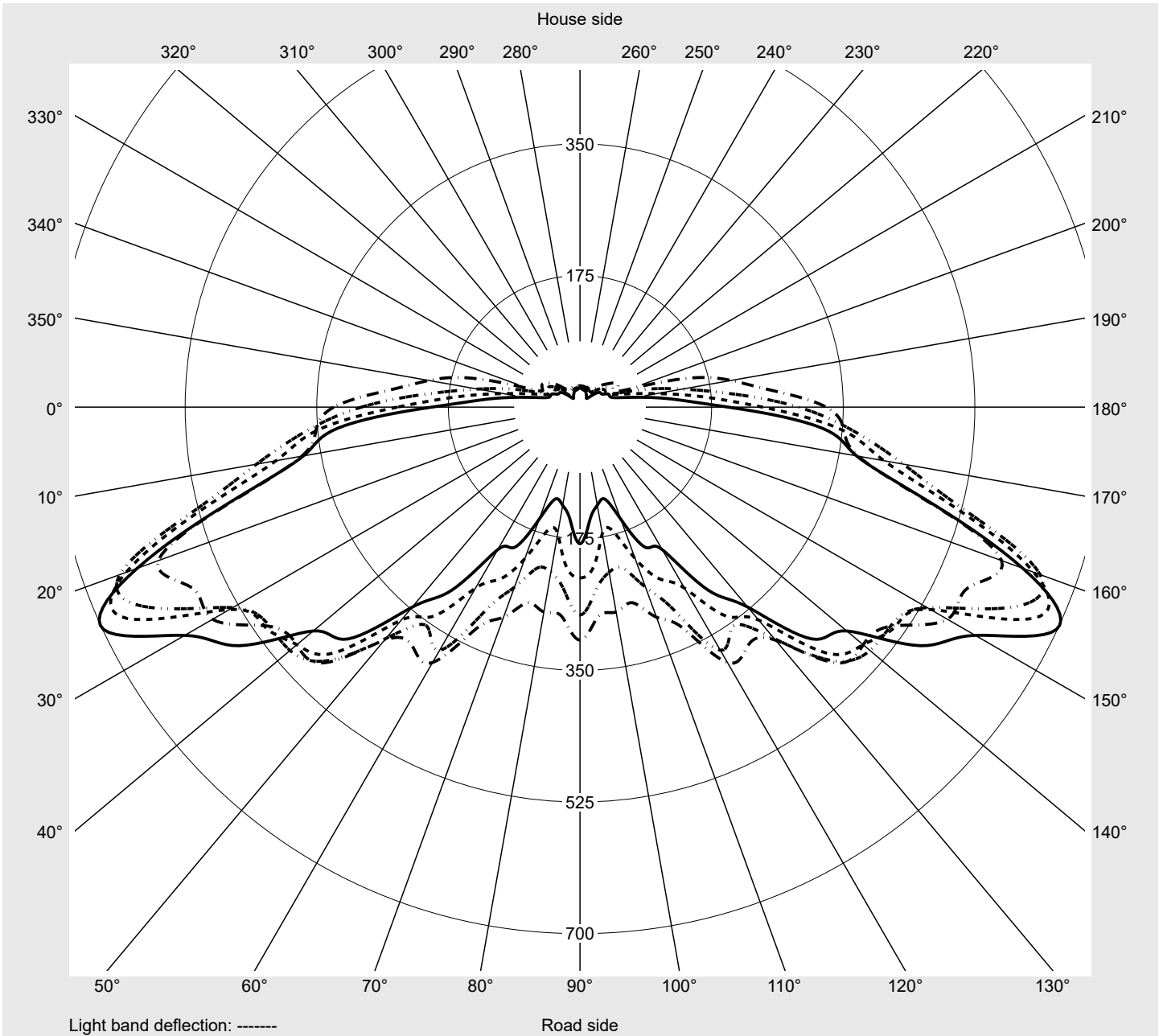
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|---|--|-------------------------------|
| Family Streetlight 11 micro LED | Order number: 5XC1A11F08CE EAN: 4058352990759 | LP number 58065_204 |
|---|--|-------------------------------|

Envelope curve in cd/klm **KMK 62.5°** **KMK 60°** **KMK 57.5°** **KMK 55°** **siteco**



Photometric test report

| | | |
|---|--|--|
| Family Streetlight 11 micro LED | Order number: 5XC1A11F08CE EAN: 4058352990759 | LP number 58065_204 |
| 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° | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 |
| 2,5° | 259.9 | 259.7 | 259.7 | 260.1 | 259.7 | 258.6 | 257.4 | 255.7 | 253.8 | 253.3 | 252.7 | 252.9 | 253.7 |
| 5,0° | 239.6 | 238.9 | 237.5 | 239.1 | 243.2 | 242.7 | 240.8 | 244.6 | 250.6 | 256.3 | 263.1 | 271.3 | 271.3 |
| 7,5° | 244.9 | 242.1 | 235.6 | 230.9 | 228.8 | 236.0 | 239.4 | 250.8 | 256.3 | 259.9 | 254.4 | 255.2 | 258.8 |
| 10,0° | 233.7 | 243.2 | 241.5 | 238.9 | 240.0 | 240.4 | 242.7 | 243.0 | 250.6 | 255.7 | 265.4 | 267.5 | 278.3 |
| 12,5° | 225.2 | 233.7 | 239.6 | 245.3 | 250.1 | 250.4 | 263.7 | 271.5 | 263.5 | 263.7 | 272.0 | 275.3 | 277.7 |
| 15,0° | 219.7 | 229.0 | 247.6 | 256.3 | 265.0 | 273.9 | 278.9 | 272.2 | 267.7 | 271.1 | 272.8 | 264.7 | 275.6 |
| 17,5° | 216.5 | 223.5 | 248.2 | 257.8 | 271.3 | 287.6 | 282.1 | 276.8 | 264.1 | 264.7 | 264.1 | 271.1 | 270.1 |
| 20,0° | 212.9 | 224.3 | 235.6 | 241.9 | 249.3 | 252.9 | 265.6 | 273.9 | 277.0 | 265.4 | 250.6 | 254.8 | 274.5 |
| 22,5° | 210.8 | 219.3 | 222.6 | 234.7 | 239.4 | 243.0 | 245.1 | 248.3 | 255.4 | 253.7 | 253.7 | 262.2 | 262.4 |
| 25,0° | 204.6 | 216.7 | 224.8 | 227.7 | 230.5 | 230.3 | 238.7 | 255.2 | 263.5 | 262.2 | 277.0 | 272.4 | 278.5 |
| 27,5° | 201.5 | 215.0 | 216.5 | 224.8 | 233.7 | 241.5 | 251.4 | 261.8 | 265.4 | 279.6 | 301.0 | 305.2 | 312.8 |
| 30,0° | 203.0 | 214.8 | 220.7 | 231.7 | 244.7 | 253.8 | 265.0 | 270.1 | 283.8 | 299.2 | 324.7 | 337.6 | 348.1 |
| 32,5° | 240.0 | 235.6 | 234.5 | 235.3 | 252.5 | 268.3 | 280.4 | 287.4 | 312.2 | 327.0 | 350.0 | 360.2 | 381.1 |
| 35,0° | 261.0 | 262.6 | 256.5 | 255.9 | 264.3 | 281.0 | 303.1 | 310.9 | 322.3 | 347.3 | 367.4 | 382.6 | 402.5 |
| 37,5° | 270.1 | 279.4 | 281.0 | 280.8 | 282.5 | 292.3 | 317.5 | 330.6 | 342.0 | 366.8 | 377.3 | 417.6 | 423.1 |
| 40,0° | 287.6 | 289.7 | 295.7 | 308.3 | 316.2 | 333.5 | 344.3 | 342.9 | 362.1 | 396.0 | 398.7 | 425.6 | 460.3 |
| 42,5° | 309.6 | 310.1 | 306.5 | 320.6 | 345.6 | 369.9 | 373.1 | 366.5 | 370.1 | 405.9 | 409.7 | 424.1 | 463.7 |
| 45,0° | 319.1 | 326.6 | 339.9 | 375.4 | 394.1 | 408.9 | 409.3 | 397.9 | 403.0 | 408.5 | 412.3 | 421.8 | 444.0 |
| 47,5° | 329.5 | 324.9 | 325.9 | 392.6 | 432.8 | 430.2 | 451.0 | 434.1 | 450.1 | 424.7 | 412.7 | 419.2 | 439.1 |
| 50,0° | 321.7 | 337.0 | 337.0 | 403.0 | 489.7 | 496.5 | 473.8 | 484.8 | 475.1 | 452.0 | 430.2 | 413.1 | 420.5 |
| 52,5° | 310.1 | 321.7 | 346.7 | 404.6 | 507.5 | 545.8 | 500.9 | 473.0 | 508.8 | 459.5 | 427.7 | 416.3 | 397.2 |
| 55,0° | 327.4 | 352.3 | 375.6 | 473.9 | 596.6 | 568.9 | 564.2 | 507.3 | 491.6 | 480.8 | 404.6 | 388.3 | 392.0 |
| 57,5° | 290.6 | 365.3 | 436.7 | 530.2 | 651.2 | 630.3 | 533.1 | 505.4 | 503.3 | 477.0 | 401.5 | 355.3 | 373.3 |
| 60,0° | 242.7 | 350.2 | 410.5 | 516.6 | 642.3 | 664.7 | 538.2 | 510.5 | 491.4 | 462.0 | 369.5 | 339.3 | 277.9 |
| 62,5° | 197.0 | 323.8 | 373.5 | 476.4 | 626.6 | 699.2 | 606.8 | 553.0 | 462.9 | 435.8 | 347.1 | 297.1 | 218.8 |
| 65,0° | 179.5 | 280.2 | 343.1 | 404.0 | 556.8 | 676.6 | 650.6 | 531.2 | 454.6 | 415.7 | 339.3 | 267.7 | 193.9 |
| 67,5° | 170.4 | 253.6 | 315.8 | 366.1 | 567.4 | 681.7 | 625.0 | 497.3 | 409.1 | 364.7 | 296.5 | 241.5 | 173.8 |
| 70,0° | 180.7 | 254.0 | 305.9 | 356.9 | 500.0 | 637.5 | 578.2 | 458.2 | 366.5 | 303.9 | 243.8 | 186.5 | 151.1 |
| 72,5° | 177.1 | 253.8 | 262.9 | 340.7 | 417.3 | 539.9 | 545.4 | 397.0 | 317.0 | 272.8 | 193.0 | 154.3 | 144.8 |
| 75,0° | 110.7 | 201.4 | 253.0 | 322.9 | 326.5 | 401.9 | 408.9 | 286.5 | 228.6 | 201.1 | 142.4 | 135.5 | 132.5 |
| 77,5° | 88.0 | 125.7 | 156.6 | 239.2 | 175.9 | 190.1 | 183.1 | 164.0 | 125.9 | 136.7 | 94.4 | 91.6 | 91.9 |
| 80,0° | 24.5 | 28.1 | 39.4 | 78.7 | 68.8 | 80.0 | 96.1 | 98.2 | 94.9 | 89.3 | 52.1 | 31.7 | 29.0 |
| 82,5° | 5.9 | 6.6 | 7.8 | 9.5 | 12.1 | 17.6 | 35.1 | 52.1 | 44.2 | 29.6 | 19.5 | 15.7 | 12.1 |
| 85,0° | 4.2 | 4.4 | 4.7 | 5.5 | 6.8 | 8.0 | 8.7 | 9.7 | 9.9 | 9.1 | 8.5 | 7.6 | 7.2 |
| 87,5° | 2.7 | 2.7 | 3.0 | 3.4 | 3.8 | 4.6 | 4.7 | 5.1 | 5.3 | 4.9 | 4.6 | 4.2 | 3.6 |
| 90,0° | 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 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 |
| 160,0° | 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 |
| 170,0° | 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

| | | |
|---|--|--------------------------------------|
| Family Streetlight 11 micro LED | Order number: 5XC1A11F08CE EAN: 4058352990759 | LP number 58065_204 |
| 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° | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 |
| 2,5° | 255.2 | 257.3 | 259.0 | 260.5 | 261.0 | 260.5 | 260.5 | 260.9 | 261.4 | 262.0 | 262.8 | 264.3 | 266.5 |
| 5,0° | 271.1 | 267.7 | 264.7 | 264.1 | 266.0 | 266.2 | 241.5 | 243.6 | 246.1 | 247.0 | 247.8 | 248.5 | 247.0 |
| 7,5° | 257.6 | 258.8 | 261.4 | 260.7 | 257.3 | 256.7 | 241.5 | 238.9 | 239.6 | 239.6 | 239.4 | 237.4 | 234.1 |
| 10,0° | 278.1 | 274.7 | 268.3 | 265.0 | 270.1 | 274.1 | 225.6 | 221.4 | 223.7 | 228.4 | 224.8 | 224.5 | 220.5 |
| 12,5° | 274.9 | 275.1 | 275.6 | 285.7 | 289.5 | 294.6 | 219.9 | 216.9 | 213.3 | 209.1 | 214.4 | 218.6 | 219.3 |
| 15,0° | 280.8 | 283.8 | 297.3 | 315.8 | 317.9 | 321.1 | 215.7 | 202.3 | 195.1 | 186.0 | 175.7 | 167.2 | 166.3 |
| 17,5° | 291.2 | 299.0 | 298.2 | 315.1 | 329.9 | 329.5 | 198.7 | 186.4 | 181.8 | 175.4 | 159.2 | 142.2 | 130.1 |
| 20,0° | 271.3 | 289.1 | 297.8 | 313.2 | 341.0 | 347.7 | 199.8 | 181.6 | 168.9 | 161.5 | 150.5 | 131.8 | 120.4 |
| 22,5° | 270.5 | 277.2 | 305.4 | 312.6 | 324.4 | 326.8 | 190.3 | 175.9 | 161.0 | 150.7 | 140.7 | 123.4 | 105.2 |
| 25,0° | 282.8 | 301.6 | 307.7 | 314.7 | 328.2 | 315.1 | 190.9 | 167.2 | 157.3 | 140.3 | 129.1 | 114.5 | 102.6 |
| 27,5° | 315.3 | 328.0 | 341.6 | 331.0 | 327.8 | 329.5 | 184.8 | 171.2 | 157.0 | 141.2 | 126.8 | 110.9 | 93.1 |
| 30,0° | 362.3 | 355.3 | 351.3 | 350.0 | 344.3 | 338.2 | 189.8 | 175.4 | 158.7 | 140.1 | 124.7 | 107.5 | 87.6 |
| 32,5° | 375.7 | 361.3 | 361.5 | 370.6 | 364.6 | 354.5 | 230.1 | 220.3 | 179.5 | 151.7 | 129.1 | 104.5 | 85.1 |
| 35,0° | 399.3 | 383.3 | 385.8 | 390.0 | 393.9 | 384.1 | 253.1 | 241.5 | 199.8 | 175.5 | 154.7 | 108.1 | 82.5 |
| 37,5° | 425.0 | 417.1 | 400.2 | 406.6 | 416.9 | 422.4 | 261.4 | 243.2 | 194.1 | 165.9 | 140.3 | 96.1 | 84.7 |
| 40,0° | 456.3 | 428.4 | 401.5 | 377.8 | 394.5 | 417.8 | 293.1 | 265.8 | 201.9 | 175.2 | 126.3 | 94.8 | 88.7 |
| 42,5° | 467.3 | 416.5 | 391.7 | 370.2 | 369.9 | 384.5 | 299.0 | 255.9 | 192.0 | 172.1 | 110.9 | 97.3 | 86.6 |
| 45,0° | 479.8 | 431.7 | 387.1 | 364.9 | 366.5 | 370.4 | 313.6 | 262.0 | 196.8 | 154.1 | 99.2 | 94.8 | 89.7 |
| 47,5° | 461.1 | 403.4 | 368.2 | 367.0 | 372.9 | 359.1 | 308.1 | 244.2 | 191.3 | 127.6 | 88.3 | 91.0 | 93.1 |
| 50,0° | 420.3 | 371.2 | 331.2 | 323.8 | 346.4 | 332.1 | 295.6 | 240.4 | 177.4 | 103.5 | 76.8 | 84.0 | 77.5 |
| 52,5° | 382.0 | 343.3 | 299.5 | 312.4 | 316.4 | 317.0 | 279.1 | 224.8 | 162.7 | 87.2 | 65.0 | 70.1 | 65.2 |
| 55,0° | 324.2 | 297.3 | 269.2 | 276.6 | 279.2 | 309.8 | 255.9 | 204.2 | 148.4 | 70.5 | 54.8 | 58.4 | 55.9 |
| 57,5° | 299.3 | 254.8 | 221.8 | 222.9 | 244.0 | 276.4 | 202.8 | 138.2 | 92.1 | 55.0 | 45.9 | 49.3 | 47.6 |
| 60,0° | 252.3 | 214.2 | 171.2 | 170.8 | 212.1 | 227.1 | 161.3 | 103.5 | 68.4 | 49.7 | 42.7 | 39.6 | 40.0 |
| 62,5° | 205.7 | 158.5 | 126.4 | 132.5 | 150.5 | 181.6 | 122.8 | 75.3 | 48.5 | 42.1 | 41.1 | 34.5 | 33.2 |
| 65,0° | 152.2 | 108.4 | 88.3 | 87.6 | 107.1 | 106.9 | 112.6 | 58.0 | 45.9 | 38.3 | 38.1 | 32.4 | 33.0 |
| 67,5° | 140.1 | 83.2 | 53.8 | 49.7 | 68.6 | 59.5 | 108.4 | 56.3 | 45.1 | 35.3 | 36.8 | 32.4 | 24.5 |
| 70,0° | 131.4 | 69.2 | 38.1 | 24.1 | 29.0 | 25.4 | 106.4 | 59.1 | 44.9 | 35.6 | 29.6 | 24.1 | 22.2 |
| 72,5° | 108.6 | 36.0 | 24.5 | 13.6 | 12.5 | 12.1 | 92.3 | 63.5 | 49.3 | 45.9 | 30.9 | 26.5 | 22.6 |
| 75,0° | 79.2 | 24.6 | 15.2 | 10.4 | 9.3 | 9.1 | 63.1 | 60.5 | 59.0 | 37.2 | 30.1 | 28.4 | 20.1 |
| 77,5° | 30.7 | 16.9 | 10.8 | 8.2 | 7.2 | 7.6 | 72.4 | 53.5 | 51.6 | 29.2 | 26.9 | 24.3 | 17.6 |
| 80,0° | 16.3 | 11.4 | 7.8 | 6.1 | 5.3 | 5.3 | 20.5 | 23.7 | 21.0 | 16.1 | 15.7 | 17.3 | 18.6 |
| 82,5° | 10.0 | 7.4 | 5.5 | 4.2 | 3.6 | 3.4 | 5.5 | 5.5 | 5.7 | 6.1 | 6.8 | 7.4 | 7.6 |
| 85,0° | 5.7 | 4.4 | 3.0 | 2.3 | 1.9 | 1.9 | 3.8 | 3.6 | 3.6 | 3.8 | 4.0 | 3.6 | 3.6 |
| 87,5° | 2.8 | 2.1 | 1.3 | 0.9 | 0.8 | 0.8 | 2.3 | 2.3 | 2.3 | 2.3 | 2.1 | 2.1 | 2.1 |
| 90,0° | 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 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 |
| 160,0° | 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 |
| 170,0° | 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

| | | |
|---|--|-----------------------------------|
| Family Streetlight 11 micro LED | Order number: 5XC1A11F08CE EAN: 4058352990759 | LP number 58065_204 |
| 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° | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 257.7 | 0.4 | 0.4 |
| 2,5° | 268.8 | 270.9 | 274.5 | 277.0 | 277.5 | 276.0 | 273.9 | 274.7 | 275.5 | 274.3 | 273.7 | 3.1 | 3.5 |
| 5,0° | 245.5 | 250.1 | 256.1 | 261.6 | 261.4 | 267.5 | 270.9 | 279.4 | 284.7 | 286.3 | 284.7 | 6.1 | 9.7 |
| 7,5° | 229.8 | 233.2 | 242.3 | 242.1 | 245.1 | 253.5 | 255.9 | 257.4 | 260.5 | 266.2 | 269.6 | 8.9 | 18.5 |
| 10,0° | 208.0 | 203.6 | 214.6 | 211.6 | 221.4 | 226.4 | 236.4 | 243.4 | 247.2 | 244.4 | 244.2 | 11.5 | 30.0 |
| 12,5° | 218.2 | 195.3 | 193.7 | 187.1 | 184.6 | 196.0 | 205.9 | 219.7 | 225.4 | 218.2 | 213.5 | 14.1 | 44.1 |
| 15,0° | 166.3 | 170.8 | 173.1 | 167.4 | 162.8 | 165.5 | 171.9 | 177.6 | 181.0 | 175.5 | 166.4 | 16.1 | 60.1 |
| 17,5° | 130.1 | 136.5 | 137.8 | 132.1 | 125.5 | 138.0 | 139.5 | 135.7 | 127.4 | 120.4 | 120.2 | 17.5 | 77.7 |
| 20,0° | 114.5 | 118.5 | 123.8 | 109.8 | 99.2 | 92.5 | 86.4 | 86.1 | 92.5 | 95.5 | 92.9 | 18.6 | 96.3 |
| 22,5° | 98.6 | 102.2 | 108.4 | 91.0 | 83.2 | 76.0 | 72.0 | 70.3 | 67.1 | 66.0 | 76.2 | 19.6 | 115.9 |
| 25,0° | 87.4 | 91.2 | 91.0 | 81.9 | 76.8 | 71.9 | 69.4 | 60.9 | 53.1 | 51.6 | 51.9 | 21.4 | 137.2 |
| 27,5° | 79.8 | 70.7 | 64.8 | 63.9 | 60.3 | 61.2 | 59.7 | 49.3 | 45.7 | 42.8 | 41.3 | 23.6 | 160.9 |
| 30,0° | 77.3 | 69.6 | 63.7 | 58.4 | 53.7 | 49.7 | 44.9 | 43.8 | 40.4 | 37.9 | 36.4 | 26.5 | 187.4 |
| 32,5° | 73.4 | 67.5 | 62.2 | 54.8 | 46.3 | 41.1 | 38.3 | 36.0 | 34.9 | 33.0 | 31.5 | 30.2 | 217.6 |
| 35,0° | 75.1 | 67.7 | 62.2 | 50.4 | 43.0 | 37.5 | 33.4 | 31.8 | 30.1 | 29.4 | 28.8 | 34.3 | 251.9 |
| 37,5° | 76.4 | 67.1 | 59.0 | 49.3 | 42.7 | 37.2 | 31.5 | 29.4 | 28.2 | 28.4 | 28.1 | 38.0 | 289.8 |
| 40,0° | 77.2 | 68.6 | 56.7 | 49.5 | 40.2 | 32.4 | 30.3 | 29.0 | 28.6 | 28.1 | 28.1 | 41.7 | 331.6 |
| 42,5° | 79.4 | 66.0 | 57.6 | 47.2 | 39.6 | 33.2 | 29.0 | 29.0 | 28.4 | 28.4 | 29.2 | 44.5 | 376.1 |
| 45,0° | 83.4 | 69.8 | 52.1 | 43.4 | 37.9 | 33.7 | 29.4 | 28.2 | 28.4 | 28.4 | 28.8 | 48.1 | 424.2 |
| 47,5° | 81.1 | 61.8 | 48.2 | 40.0 | 35.6 | 32.8 | 29.4 | 28.2 | 28.4 | 28.2 | 28.8 | 50.5 | 474.7 |
| 50,0° | 63.9 | 54.0 | 44.9 | 36.0 | 33.4 | 30.7 | 30.1 | 28.4 | 28.1 | 28.4 | 29.2 | 52.2 | 526.8 |
| 52,5° | 56.1 | 48.5 | 38.3 | 32.0 | 29.8 | 30.3 | 29.4 | 28.6 | 28.1 | 29.4 | 28.8 | 52.9 | 579.7 |
| 55,0° | 48.3 | 41.3 | 32.8 | 29.0 | 27.1 | 27.1 | 27.9 | 27.3 | 27.9 | 28.2 | 28.4 | 54.3 | 634.0 |
| 57,5° | 40.2 | 33.0 | 27.3 | 24.5 | 25.0 | 25.8 | 26.4 | 26.7 | 27.9 | 27.7 | 28.4 | 53.7 | 687.7 |
| 60,0° | 35.6 | 25.6 | 20.3 | 19.7 | 20.7 | 22.6 | 24.3 | 25.8 | 26.0 | 26.7 | 28.1 | 50.9 | 738.6 |
| 62,5° | 29.4 | 21.2 | 15.5 | 14.8 | 17.3 | 19.3 | 22.0 | 22.7 | 23.5 | 24.5 | 25.8 | 48.0 | 786.6 |
| 65,0° | 22.9 | 17.3 | 13.6 | 12.7 | 14.2 | 16.9 | 19.7 | 19.9 | 21.2 | 22.6 | 22.0 | 44.5 | 831.0 |
| 67,5° | 20.5 | 15.5 | 12.5 | 11.2 | 11.9 | 13.6 | 15.2 | 15.5 | 16.3 | 15.9 | 15.5 | 41.4 | 872.4 |
| 70,0° | 19.0 | 14.2 | 11.6 | 10.4 | 9.9 | 10.4 | 10.4 | 11.0 | 11.2 | 10.2 | 9.9 | 37.7 | 910.1 |
| 72,5° | 16.9 | 12.7 | 9.9 | 8.7 | 8.0 | 8.0 | 7.6 | 7.2 | 7.0 | 4.2 | 3.8 | 33.7 | 943.8 |
| 75,0° | 14.4 | 11.6 | 8.7 | 7.0 | 6.4 | 5.7 | 5.3 | 4.6 | 3.4 | 0.9 | 0.8 | 26.9 | 970.8 |
| 77,5° | 11.6 | 8.5 | 6.8 | 5.7 | 4.7 | 4.4 | 3.4 | 4.0 | 1.9 | 0.8 | 0.4 | 16.9 | 987.6 |
| 80,0° | 13.1 | 7.2 | 4.9 | 4.2 | 3.4 | 2.8 | 2.7 | 2.8 | 1.3 | 0.4 | 0.4 | 7.8 | 995.4 |
| 82,5° | 6.6 | 4.9 | 3.8 | 3.0 | 2.7 | 1.9 | 1.5 | 1.5 | 0.8 | 0.4 | 0.4 | 2.8 | 998.2 |
| 85,0° | 3.2 | 2.7 | 1.9 | 1.7 | 1.5 | 1.1 | 0.9 | 0.8 | 0.4 | 0.4 | 0.4 | 1.2 | 999.4 |
| 87,5° | 1.7 | 1.5 | 1.3 | 0.9 | 0.9 | 0.8 | 0.8 | 0.4 | 0.4 | 0.4 | 0.4 | 0.7 | 1000.0 |
| 90,0° | 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 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 |
| 160,0° | 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 |
| 170,0° | 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

| | | |
|---|--|--------------------------------------|
| Family Streetlight 11 micro LED | Order number: 5XC1A11F08CE EAN: 4058352990759 | LP number 58065_204 |
|---|--|--------------------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| 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 | 1180 | 12.5 | 12.7 | 12.6 |
| 95 | 241 | 252 | 1120 | 11.8 | 12.1 | 12.0 |
| 90 | 229 | 250 | 1064 | 11.2 | 11.5 | 11.4 |
| 85 | 216 | 248 | 1003 | 10.6 | 10.9 | 10.8 |
| 80 | 203 | 246 | 943 | 10.1 | 10.3 | 10.2 |
| 75 | 190 | 243 | 883 | 9.5 | 9.7 | 9.6 |
| 70 | 178 | 241 | 827 | 8.9 | 9.1 | 9.0 |
| 65 | 165 | 238 | 767 | 8.4 | 8.6 | 8.5 |
| 60 | 152 | 235 | 706 | 7.9 | 8.0 | 8.0 |
| 55 | 140 | 232 | 650 | 7.4 | 7.5 | 7.4 |
| 50 | 127 | 229 | 590 | 6.9 | 7.0 | 7.0 |
| 45 | 114 | 225 | 530 | 6.3 | 6.5 | 6.4 |
| 40 | 102 | 221 | 474 | 5.9 | 6.0 | 6.0 |
| 35 | 89 | 216 | 413 | 5.3 | 5.4 | 5.4 |
| 30 | 76 | 210 | 353 | 4.8 | 4.8 | 4.8 |
| 25 | 63 | 203 | 293 | 4.2 | 4.3 | 4.2 |
| 20 | 51 | 195 | 237 | 3.6 | 3.6 | 3.6 |
| 15 | 38 | 184 | 177 | 2.9 | 2.9 | 2.9 |
| 15 | 37 | 183 | 172 | 2.8 | 2.9 | 2.8 |