
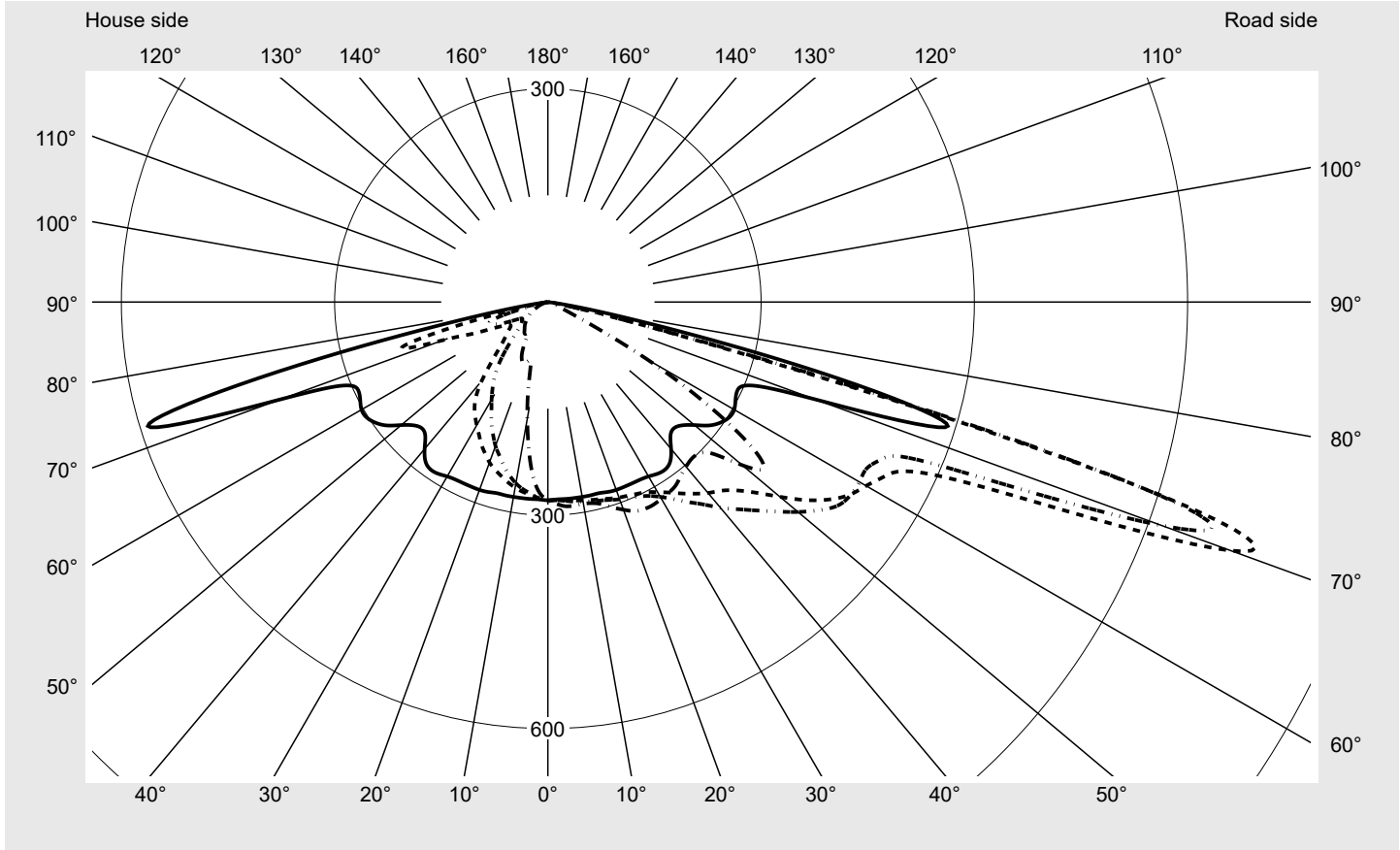


Photometric test report

| | | |
|--|--|--|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
| | Version post-top or side-entry mounting Optic asymmetric, extremely wide distribution (P0.8a), Back Light Control (BLC) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 4220 lm Power consumption = 36.4 W Luminous efficacy = 115.9 lm/W | serial documentation 18.01.2024 |



Luminous intensity in cd/klm C180-0 C195-15 C200-20 C270-90 **Imax: 1022 cd/klm**



| Luminaire output ratios | |
|-------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

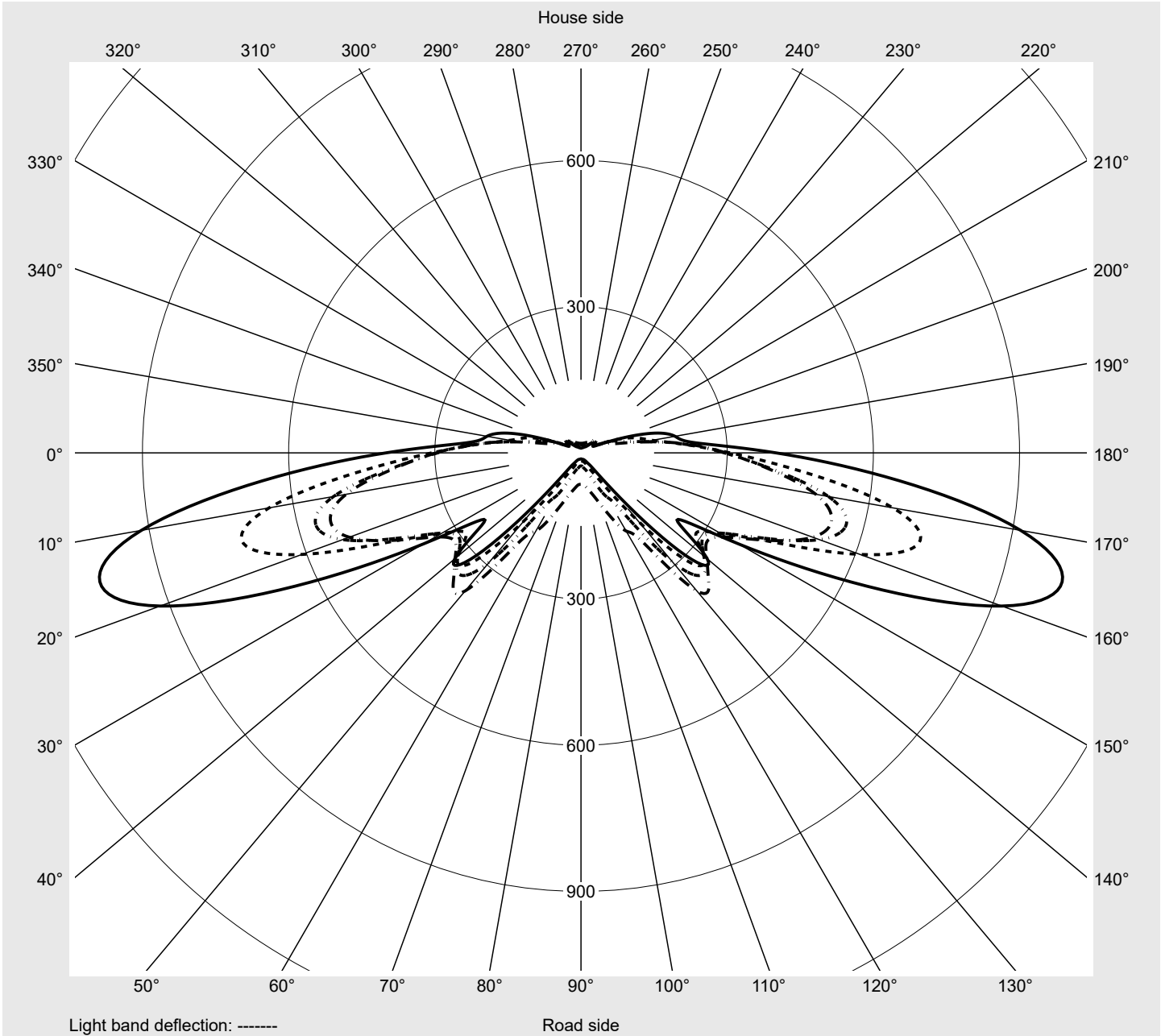
| Luminous intensity class acc. to EN13201-2 | |
|--|--------|
| Class: | G3 |
| Imax 70° | 1022.3 |
| Imax 80° | 56.2 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|---|--|-------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
|---|--|-------------------------------|

Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **siteco**



Photometric test report

| | | |
|--|--|--------------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
| 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° | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 |
| 2,5° | 277.9 | 277.8 | 278.3 | 278.5 | 279.1 | 279.5 | 279.7 | 280.3 | 281.1 | 281.1 | 281.8 | 282.0 | 282.5 |
| 5,0° | 278.0 | 278.0 | 278.8 | 279.6 | 280.7 | 281.8 | 282.5 | 283.4 | 284.3 | 284.7 | 285.3 | 285.7 | 286.3 |
| 7,5° | 278.2 | 278.8 | 279.7 | 281.6 | 283.0 | 284.3 | 285.2 | 285.8 | 286.5 | 286.6 | 286.8 | 287.0 | 287.2 |
| 10,0° | 278.3 | 279.3 | 281.1 | 283.2 | 284.8 | 286.1 | 286.8 | 287.1 | 287.4 | 287.5 | 287.6 | 287.5 | 287.6 |
| 12,5° | 278.4 | 280.6 | 282.9 | 285.1 | 287.1 | 288.1 | 288.1 | 288.3 | 288.6 | 288.3 | 288.2 | 288.3 | 288.1 |
| 15,0° | 278.3 | 281.8 | 284.2 | 287.0 | 288.9 | 289.7 | 290.4 | 290.4 | 290.4 | 290.5 | 290.7 | 291.2 | 291.5 |
| 17,5° | 280.1 | 284.2 | 287.0 | 289.9 | 291.8 | 292.6 | 293.2 | 293.3 | 294.2 | 295.6 | 296.5 | 297.9 | 299.1 |
| 20,0° | 281.2 | 286.5 | 289.9 | 292.7 | 295.2 | 296.4 | 297.4 | 298.7 | 300.7 | 302.2 | 304.8 | 306.3 | 307.6 |
| 22,5° | 281.2 | 288.0 | 291.8 | 294.7 | 298.0 | 300.7 | 303.7 | 306.7 | 309.6 | 312.0 | 314.3 | 316.4 | 318.0 |
| 25,0° | 281.2 | 289.0 | 293.5 | 297.6 | 302.0 | 305.6 | 310.8 | 316.1 | 320.1 | 323.0 | 325.6 | 327.5 | 328.0 |
| 27,5° | 281.6 | 290.6 | 296.3 | 301.5 | 307.4 | 313.2 | 319.9 | 326.8 | 332.3 | 336.2 | 338.0 | 338.5 | 336.9 |
| 30,0° | 283.2 | 294.4 | 301.5 | 308.8 | 316.5 | 324.6 | 332.6 | 340.2 | 345.8 | 350.2 | 351.0 | 348.3 | 344.3 |
| 32,5° | 286.5 | 299.7 | 308.4 | 317.7 | 328.5 | 340.0 | 349.8 | 357.0 | 362.1 | 365.5 | 364.2 | 358.0 | 349.5 |
| 35,0° | 287.6 | 303.8 | 315.5 | 328.7 | 343.4 | 357.5 | 368.6 | 376.7 | 381.4 | 382.7 | 377.3 | 366.1 | 353.1 |
| 37,5° | 282.8 | 302.1 | 319.8 | 339.7 | 358.7 | 375.8 | 388.1 | 395.7 | 398.9 | 396.8 | 386.6 | 370.4 | 354.4 |
| 40,0° | 269.7 | 294.5 | 321.2 | 350.6 | 377.6 | 398.0 | 410.2 | 417.0 | 415.9 | 407.6 | 392.5 | 373.6 | 355.1 |
| 42,5° | 255.3 | 287.6 | 322.7 | 360.0 | 395.2 | 420.8 | 432.6 | 434.9 | 428.7 | 414.1 | 394.4 | 373.9 | 354.4 |
| 45,0° | 251.0 | 289.5 | 331.0 | 374.7 | 414.6 | 444.9 | 453.6 | 450.5 | 436.8 | 415.6 | 393.7 | 371.5 | 352.8 |
| 47,5° | 256.6 | 303.0 | 350.2 | 396.9 | 436.1 | 462.6 | 468.6 | 458.1 | 439.5 | 412.5 | 387.5 | 369.7 | 355.1 |
| 50,0° | 269.2 | 324.0 | 378.1 | 426.2 | 459.3 | 475.7 | 475.8 | 456.8 | 430.3 | 401.5 | 381.2 | 373.1 | 369.5 |
| 52,5° | 285.2 | 346.9 | 408.8 | 457.5 | 481.0 | 483.4 | 467.9 | 440.5 | 409.6 | 388.7 | 382.1 | 388.8 | 404.4 |
| 55,0° | 295.9 | 364.8 | 434.7 | 484.0 | 498.6 | 480.9 | 443.0 | 412.5 | 385.1 | 377.3 | 391.6 | 422.7 | 440.8 |
| 57,5° | 302.2 | 378.2 | 457.4 | 504.1 | 505.0 | 463.7 | 409.7 | 376.6 | 362.7 | 372.1 | 410.7 | 405.5 | 386.0 |
| 60,0° | 302.7 | 385.2 | 474.2 | 517.0 | 506.3 | 445.5 | 376.2 | 342.3 | 346.6 | 374.1 | 408.1 | 323.4 | 289.9 |
| 62,5° | 297.6 | 389.4 | 489.3 | 532.5 | 506.1 | 424.7 | 345.6 | 316.1 | 337.3 | 370.1 | 369.8 | 228.7 | 185.2 |
| 65,0° | 294.2 | 397.3 | 515.7 | 563.9 | 520.7 | 414.1 | 329.1 | 304.9 | 329.7 | 352.9 | 292.0 | 146.3 | 103.0 |
| 67,5° | 306.5 | 462.0 | 650.1 | 717.4 | 609.4 | 431.9 | 331.0 | 288.1 | 329.0 | 319.8 | 183.6 | 76.0 | 42.3 |
| 70,0° | 400.3 | 655.6 | 916.4 | 1022.3 | 919.1 | 647.3 | 374.3 | 240.7 | 338.2 | 282.9 | 84.5 | 28.5 | 20.0 |
| 72,5° | 586.0 | 762.4 | 853.4 | 904.4 | 899.0 | 672.4 | 361.6 | 293.9 | 353.5 | 133.4 | 22.0 | 16.9 | 14.5 |
| 75,0° | 449.7 | 381.0 | 325.6 | 308.5 | 339.8 | 261.0 | 278.4 | 408.8 | 241.2 | 30.0 | 14.0 | 12.7 | 10.9 |
| 77,5° | 187.6 | 136.4 | 104.4 | 83.4 | 66.4 | 31.3 | 81.0 | 143.9 | 55.8 | 10.9 | 9.4 | 9.1 | 7.9 |
| 80,0° | 56.2 | 38.7 | 28.1 | 20.2 | 12.5 | 7.1 | 6.9 | 10.5 | 5.9 | 5.4 | 6.4 | 5.7 | 5.0 |
| 82,5° | 9.6 | 8.1 | 6.9 | 5.8 | 4.4 | 3.9 | 3.4 | 3.0 | 2.7 | 2.5 | 2.7 | 2.4 | 2.4 |
| 85,0° | 2.7 | 2.5 | 2.3 | 2.2 | 1.9 | 1.7 | 1.6 | 1.6 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 |
| 87,5° | 1.5 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 | 1.0 | 0.8 | 0.8 | 0.8 | 0.6 | 0.6 | 0.6 |
| 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 |

Photometric test report

| | | |
|--|--|--------------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
| 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° | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 |
| 2,5° | 282.9 | 283.2 | 283.5 | 283.8 | 284.1 | 284.2 | 277.4 | 276.4 | 276.1 | 275.6 | 274.5 | 273.9 | 273.1 |
| 5,0° | 286.6 | 287.0 | 287.2 | 287.6 | 288.0 | 288.3 | 277.0 | 274.5 | 272.6 | 270.8 | 268.5 | 266.3 | 264.1 |
| 7,5° | 287.4 | 287.5 | 287.8 | 288.2 | 288.3 | 288.6 | 276.2 | 272.6 | 269.3 | 265.7 | 261.4 | 256.5 | 251.1 |
| 10,0° | 287.2 | 287.1 | 287.2 | 287.7 | 288.3 | 288.1 | 275.3 | 270.3 | 265.0 | 258.9 | 250.7 | 242.0 | 231.8 |
| 12,5° | 288.1 | 288.2 | 288.7 | 289.2 | 289.4 | 289.8 | 274.1 | 267.4 | 259.7 | 249.5 | 236.8 | 222.9 | 208.7 |
| 15,0° | 292.0 | 292.1 | 292.7 | 293.8 | 294.2 | 294.4 | 273.1 | 264.3 | 253.4 | 238.6 | 221.3 | 203.4 | 184.9 |
| 17,5° | 299.9 | 300.3 | 300.8 | 301.6 | 302.6 | 302.8 | 273.2 | 261.7 | 247.2 | 226.6 | 204.9 | 181.7 | 160.7 |
| 20,0° | 308.0 | 308.8 | 309.2 | 309.9 | 310.3 | 310.8 | 273.2 | 259.9 | 240.1 | 215.4 | 188.9 | 162.4 | 139.4 |
| 22,5° | 318.6 | 318.4 | 318.1 | 317.7 | 317.8 | 318.3 | 271.5 | 255.2 | 230.6 | 201.6 | 170.3 | 143.2 | 114.9 |
| 25,0° | 327.4 | 325.7 | 323.3 | 321.8 | 320.7 | 321.2 | 269.5 | 249.4 | 221.2 | 187.9 | 153.1 | 121.8 | 90.5 |
| 27,5° | 334.3 | 330.2 | 326.2 | 323.3 | 321.5 | 321.5 | 266.7 | 243.2 | 210.0 | 171.9 | 135.7 | 99.1 | 71.1 |
| 30,0° | 339.2 | 333.1 | 326.9 | 322.2 | 319.5 | 319.3 | 265.3 | 237.9 | 200.2 | 158.3 | 118.4 | 79.9 | 62.3 |
| 32,5° | 341.5 | 333.3 | 325.9 | 320.7 | 318.1 | 317.3 | 264.9 | 232.9 | 190.4 | 145.0 | 101.3 | 66.5 | 60.1 |
| 35,0° | 342.5 | 333.9 | 325.9 | 318.9 | 315.1 | 314.2 | 263.0 | 225.7 | 179.7 | 131.6 | 85.9 | 59.6 | 60.6 |
| 37,5° | 342.0 | 331.6 | 322.7 | 314.3 | 309.4 | 307.4 | 254.3 | 213.3 | 165.2 | 116.7 | 73.0 | 56.4 | 60.0 |
| 40,0° | 340.1 | 328.2 | 319.5 | 310.6 | 304.4 | 302.4 | 235.8 | 192.1 | 144.6 | 99.3 | 62.9 | 54.2 | 57.1 |
| 42,5° | 337.2 | 325.3 | 318.1 | 307.7 | 301.1 | 299.2 | 216.4 | 169.2 | 122.0 | 81.3 | 56.4 | 52.1 | 54.2 |
| 45,0° | 337.1 | 325.6 | 317.5 | 309.4 | 303.1 | 301.1 | 203.9 | 150.0 | 103.2 | 66.2 | 51.0 | 50.1 | 52.0 |
| 47,5° | 343.8 | 336.0 | 329.8 | 323.8 | 318.2 | 316.4 | 200.2 | 139.3 | 88.8 | 56.2 | 48.4 | 48.6 | 50.7 |
| 50,0° | 367.8 | 368.7 | 368.6 | 364.8 | 359.1 | 357.0 | 204.6 | 135.1 | 79.1 | 49.7 | 47.4 | 49.0 | 50.6 |
| 52,5° | 419.9 | 422.4 | 412.8 | 399.2 | 386.2 | 382.4 | 211.0 | 133.0 | 72.3 | 46.2 | 47.5 | 49.5 | 49.6 |
| 55,0° | 424.6 | 395.0 | 374.2 | 359.3 | 344.6 | 341.1 | 216.4 | 132.7 | 66.2 | 43.9 | 45.5 | 46.9 | 45.5 |
| 57,5° | 353.8 | 310.6 | 285.4 | 270.3 | 259.7 | 257.6 | 218.5 | 130.4 | 61.9 | 43.1 | 41.0 | 41.0 | 39.3 |
| 60,0° | 250.3 | 204.6 | 182.6 | 173.4 | 165.1 | 161.8 | 217.0 | 129.2 | 64.3 | 47.9 | 38.9 | 36.0 | 36.2 |
| 62,5° | 145.5 | 108.8 | 86.7 | 74.0 | 66.0 | 64.6 | 214.2 | 129.0 | 73.8 | 58.1 | 41.2 | 33.5 | 34.8 |
| 65,0° | 67.5 | 45.0 | 35.7 | 31.3 | 27.6 | 26.8 | 210.1 | 133.0 | 90.9 | 71.2 | 45.1 | 31.9 | 34.7 |
| 67,5° | 26.8 | 20.8 | 18.5 | 17.5 | 16.8 | 16.4 | 208.5 | 148.3 | 118.6 | 81.6 | 45.1 | 29.9 | 33.7 |
| 70,0° | 16.2 | 14.4 | 13.8 | 13.2 | 12.7 | 12.3 | 236.4 | 195.9 | 156.6 | 87.0 | 37.9 | 28.1 | 32.3 |
| 72,5° | 12.8 | 11.4 | 10.8 | 10.2 | 9.6 | 9.4 | 409.6 | 322.7 | 215.6 | 78.7 | 30.0 | 27.9 | 29.6 |
| 75,0° | 9.7 | 8.6 | 7.9 | 7.5 | 7.1 | 7.0 | 414.6 | 266.9 | 148.4 | 43.3 | 26.7 | 27.7 | 25.5 |
| 77,5° | 6.7 | 5.8 | 5.3 | 5.0 | 4.7 | 4.6 | 158.3 | 92.5 | 50.4 | 16.7 | 18.7 | 22.5 | 20.1 |
| 80,0° | 4.0 | 3.5 | 3.0 | 2.9 | 2.7 | 2.7 | 44.1 | 27.3 | 12.5 | 8.6 | 10.0 | 12.3 | 11.7 |
| 82,5° | 2.2 | 2.1 | 1.8 | 1.8 | 1.7 | 1.7 | 10.0 | 6.4 | 4.8 | 4.8 | 5.1 | 5.3 | 5.2 |
| 85,0° | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | 1.0 | 2.8 | 2.8 | 2.8 | 2.7 | 2.5 | 2.4 | 2.2 |
| 87,5° | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.3 | 1.3 | 1.3 |
| 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 |

Photometric test report

| | | |
|--|--|--------------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
| 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° | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 278.8 | 0.4 | 0.4 |
| 2,5° | 272.2 | 271.8 | 271.0 | 270.4 | 269.8 | 269.5 | 269.2 | 268.7 | 268.6 | 268.6 | 268.5 | 3.3 | 3.7 |
| 5,0° | 261.5 | 258.9 | 256.5 | 253.9 | 251.4 | 249.4 | 247.6 | 246.1 | 245.0 | 244.4 | 244.3 | 6.5 | 10.2 |
| 7,5° | 244.8 | 238.5 | 232.3 | 226.9 | 221.6 | 217.2 | 213.5 | 210.6 | 208.6 | 207.3 | 206.8 | 9.4 | 19.6 |
| 10,0° | 221.4 | 211.9 | 203.1 | 194.5 | 186.1 | 179.5 | 174.5 | 171.0 | 168.5 | 167.1 | 166.7 | 12.0 | 31.6 |
| 12,5° | 195.0 | 181.2 | 169.8 | 160.0 | 151.3 | 144.4 | 138.5 | 134.0 | 131.0 | 128.9 | 128.4 | 14.2 | 45.8 |
| 15,0° | 167.9 | 153.5 | 140.2 | 128.2 | 117.7 | 109.1 | 102.7 | 98.6 | 95.9 | 94.7 | 94.3 | 16.3 | 62.0 |
| 17,5° | 142.2 | 124.6 | 108.6 | 95.7 | 87.6 | 83.9 | 83.1 | 83.8 | 84.7 | 85.5 | 85.9 | 18.4 | 80.4 |
| 20,0° | 116.6 | 96.4 | 83.1 | 78.2 | 78.6 | 81.3 | 84.5 | 87.3 | 89.3 | 90.3 | 90.9 | 20.8 | 101.2 |
| 22,5° | 89.5 | 75.2 | 72.6 | 76.0 | 80.9 | 85.1 | 88.4 | 90.5 | 91.6 | 91.8 | 92.2 | 23.2 | 124.4 |
| 25,0° | 71.4 | 68.6 | 73.3 | 79.7 | 85.5 | 88.8 | 90.0 | 89.7 | 88.7 | 87.4 | 87.1 | 25.6 | 150.0 |
| 27,5° | 64.7 | 70.1 | 78.6 | 86.0 | 89.6 | 90.0 | 87.9 | 84.8 | 81.5 | 78.7 | 77.4 | 28.0 | 178.0 |
| 30,0° | 64.8 | 74.0 | 83.0 | 87.6 | 87.7 | 84.1 | 78.9 | 73.3 | 68.2 | 64.5 | 62.9 | 30.3 | 208.3 |
| 32,5° | 67.5 | 77.3 | 83.7 | 84.9 | 81.4 | 75.6 | 69.2 | 63.0 | 57.6 | 53.9 | 52.5 | 32.7 | 241.0 |
| 35,0° | 69.5 | 77.5 | 81.3 | 79.5 | 74.6 | 69.1 | 63.6 | 59.6 | 56.8 | 55.4 | 54.7 | 35.2 | 276.2 |
| 37,5° | 66.9 | 72.0 | 72.9 | 70.1 | 66.3 | 64.1 | 63.0 | 61.0 | 57.8 | 55.1 | 54.2 | 37.4 | 313.5 |
| 40,0° | 61.1 | 63.3 | 62.3 | 60.6 | 62.2 | 62.0 | 58.2 | 55.0 | 53.0 | 51.5 | 51.0 | 39.1 | 352.7 |
| 42,5° | 56.2 | 56.2 | 55.5 | 58.5 | 59.0 | 54.9 | 52.9 | 51.4 | 50.1 | 49.0 | 48.4 | 40.8 | 393.5 |
| 45,0° | 53.0 | 52.6 | 55.5 | 57.6 | 52.9 | 50.7 | 49.0 | 47.7 | 46.7 | 46.0 | 45.7 | 42.7 | 436.2 |
| 47,5° | 51.0 | 53.0 | 57.0 | 52.2 | 48.3 | 46.4 | 45.0 | 44.0 | 43.2 | 42.7 | 42.6 | 45.2 | 481.4 |
| 50,0° | 50.3 | 54.8 | 53.7 | 46.7 | 43.9 | 42.3 | 41.2 | 40.5 | 39.8 | 39.4 | 39.2 | 48.5 | 529.9 |
| 52,5° | 49.2 | 54.1 | 48.4 | 42.2 | 39.7 | 38.5 | 37.5 | 36.4 | 35.8 | 35.3 | 35.3 | 52.1 | 582.0 |
| 55,0° | 47.2 | 51.3 | 42.8 | 37.7 | 35.7 | 34.3 | 33.3 | 32.8 | 32.2 | 31.9 | 31.9 | 53.0 | 634.9 |
| 57,5° | 46.8 | 46.6 | 37.7 | 33.1 | 31.7 | 30.7 | 29.9 | 29.5 | 29.0 | 28.8 | 28.8 | 50.6 | 685.5 |
| 60,0° | 45.6 | 41.7 | 32.2 | 29.5 | 28.5 | 27.6 | 26.4 | 25.5 | 24.7 | 24.2 | 24.2 | 46.4 | 731.9 |
| 62,5° | 43.5 | 35.8 | 28.2 | 26.2 | 24.8 | 23.3 | 21.9 | 20.9 | 20.2 | 19.7 | 19.8 | 41.6 | 773.6 |
| 65,0° | 39.3 | 31.9 | 24.7 | 22.4 | 20.8 | 19.0 | 17.8 | 17.1 | 16.4 | 16.2 | 16.2 | 38.9 | 812.4 |
| 67,5° | 35.7 | 27.6 | 20.9 | 18.1 | 16.8 | 15.5 | 14.4 | 13.8 | 13.5 | 13.3 | 13.3 | 40.2 | 852.7 |
| 70,0° | 31.4 | 23.6 | 17.7 | 15.1 | 13.8 | 12.3 | 11.5 | 10.8 | 10.3 | 9.9 | 9.7 | 49.7 | 902.3 |
| 72,5° | 26.8 | 19.7 | 14.6 | 12.0 | 10.5 | 9.1 | 8.2 | 7.7 | 7.3 | 6.8 | 6.8 | 52.1 | 954.4 |
| 75,0° | 22.1 | 15.8 | 11.6 | 9.2 | 7.7 | 6.8 | 5.8 | 5.3 | 4.8 | 4.6 | 4.6 | 30.6 | 985.0 |
| 77,5° | 16.3 | 11.4 | 8.2 | 6.4 | 5.3 | 4.4 | 3.7 | 3.1 | 2.9 | 2.7 | 2.7 | 10.4 | 995.4 |
| 80,0° | 9.8 | 6.7 | 5.0 | 4.0 | 3.1 | 2.5 | 2.1 | 1.7 | 1.3 | 1.0 | 1.0 | 2.9 | 998.4 |
| 82,5° | 4.5 | 3.5 | 2.8 | 2.1 | 1.6 | 1.3 | 1.1 | 1.0 | 0.7 | 0.6 | 0.5 | 1.0 | 999.3 |
| 85,0° | 1.9 | 1.7 | 1.5 | 1.1 | 0.8 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 999.8 |
| 87,5° | 1.2 | 1.1 | 0.8 | 0.8 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 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 |

Photometric test report

| | | |
|---|--|-------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
| Dimming levels table | | siteco |
| environmental temperature: 25°C | | |

| 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 | 4220 | 36.4 | 38.3 | 37.3 |
| 95 | 241 | 252 | 4004 | 33.9 | 35.7 | 34.8 |
| 90 | 229 | 250 | 3805 | 31.7 | 33.3 | 32.5 |
| 85 | 216 | 248 | 3589 | 29.5 | 31.0 | 30.2 |
| 80 | 203 | 246 | 3373 | 27.2 | 28.6 | 27.9 |
| 75 | 190 | 243 | 3157 | 25.2 | 26.4 | 25.8 |
| 70 | 178 | 241 | 2957 | 23.3 | 24.5 | 23.9 |
| 65 | 165 | 238 | 2741 | 21.3 | 22.3 | 21.8 |
| 60 | 152 | 235 | 2525 | 19.4 | 20.3 | 19.8 |
| 55 | 140 | 232 | 2326 | 17.7 | 18.5 | 18.1 |
| 50 | 127 | 229 | 2110 | 15.9 | 16.7 | 16.3 |
| 45 | 114 | 225 | 1894 | 14.2 | 14.9 | 14.6 |
| 40 | 102 | 221 | 1695 | 12.7 | 13.2 | 13.0 |
| 35 | 89 | 216 | 1479 | 11.0 | 11.6 | 11.3 |
| 30 | 76 | 210 | 1263 | 9.5 | 9.9 | 9.7 |
| 25 | 63 | 203 | 1047 | 8.0 | 8.4 | 8.2 |
| 20 | 51 | 195 | 847 | 6.7 | 7.0 | 6.8 |
| 15 | 38 | 184 | 631 | 5.3 | 5.5 | 5.4 |
| 10 | 26 | 171 | 432 | 4.1 | 4.3 | 4.2 |

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|-----------------------------|--------------------------------|
| Dimming levels table | environmental temperature: 5°C |
|-----------------------------|--------------------------------|

| 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 | 4210 | 35.7 | 37.4 | 36.6 |
| 95 | 241 | 252 | 3995 | 33.3 | 34.9 | 34.1 |
| 90 | 229 | 250 | 3796 | 31.2 | 32.7 | 32.0 |
| 85 | 216 | 248 | 3580 | 29.0 | 30.5 | 29.8 |
| 80 | 203 | 246 | 3365 | 26.9 | 28.2 | 27.6 |
| 75 | 190 | 243 | 3149 | 24.9 | 26.0 | 25.4 |
| 70 | 178 | 241 | 2950 | 23.1 | 24.1 | 23.6 |
| 65 | 165 | 238 | 2735 | 21.2 | 22.1 | 21.6 |
| 60 | 152 | 235 | 2519 | 19.3 | 20.2 | 19.8 |
| 55 | 140 | 232 | 2320 | 17.6 | 18.4 | 18.0 |
| 50 | 127 | 229 | 2105 | 15.9 | 16.6 | 16.2 |
| 45 | 114 | 225 | 1890 | 14.2 | 14.8 | 14.5 |
| 40 | 102 | 221 | 1691 | 12.7 | 13.2 | 13.0 |
| 35 | 89 | 216 | 1475 | 11.1 | 11.6 | 11.4 |
| 30 | 76 | 210 | 1260 | 9.5 | 9.9 | 9.7 |
| 25 | 63 | 203 | 1044 | 8.1 | 8.3 | 8.2 |
| 20 | 51 | 195 | 845 | 6.7 | 7.0 | 6.8 |
| 15 | 38 | 184 | 630 | 5.4 | 5.6 | 5.5 |
| 11 | 27 | 172 | 448 | 4.2 | 4.4 | 4.3 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
|---|--|-------------------------------|

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|-----------------------------|---------------------------------|---------------|
| Dimming levels table | environmental temperature: 15°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 | 4210 | 36.0 | 37.7 | 36.8 |
| 95 | 241 | 252 | 3995 | 33.6 | 35.2 | 34.4 |
| 90 | 229 | 250 | 3796 | 31.5 | 32.9 | 32.2 |
| 85 | 216 | 248 | 3580 | 29.2 | 30.6 | 29.9 |
| 80 | 203 | 246 | 3365 | 27.0 | 28.4 | 27.7 |
| 75 | 190 | 243 | 3149 | 25.0 | 26.2 | 25.6 |
| 70 | 178 | 241 | 2950 | 23.1 | 24.2 | 23.6 |
| 65 | 165 | 238 | 2735 | 21.2 | 22.1 | 21.6 |
| 60 | 152 | 235 | 2519 | 19.3 | 20.2 | 19.8 |
| 55 | 140 | 232 | 2321 | 17.7 | 18.4 | 18.0 |
| 50 | 127 | 229 | 2105 | 15.9 | 16.6 | 16.2 |
| 45 | 114 | 225 | 1890 | 14.2 | 14.8 | 14.5 |
| 40 | 102 | 221 | 1691 | 12.7 | 13.2 | 13.0 |
| 35 | 89 | 216 | 1475 | 11.0 | 11.5 | 11.2 |
| 30 | 76 | 210 | 1260 | 9.5 | 9.9 | 9.7 |
| 25 | 63 | 203 | 1044 | 8.0 | 8.4 | 8.2 |
| 20 | 51 | 195 | 845 | 6.7 | 6.9 | 6.8 |
| 15 | 38 | 184 | 630 | 5.4 | 5.5 | 5.4 |
| 11 | 27 | 172 | 448 | 4.2 | 4.4 | 4.3 |

Photometric test report

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|---|--|-------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1R31D08DB EAN: 4069025148421 | LP number 59535_171 |
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| Luminousfluxs table | sITeco |
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| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 4220.0 | 36.4 |
| 5.0 | 4210.0 | 35.7 |
| 15.0 | 4210.0 | 36.0 |