

Photometric test report

Family
Streetlight 21 micro LED

Order number: 5XE1C41D08DB
EAN: 4058352739792

LP number
59081_896



Version post-top or side-entry mounting
Optic asymmetric, wide distribution (ST0.8a)
Cover toughened safety glass
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values Net luminous flux = 5010 lm
Power consumption = 36.4 W
Luminous efficacy = 137.6 lm/W

serial
documentation
26.10.2022

siteco

Luminous intensity in cd/klm

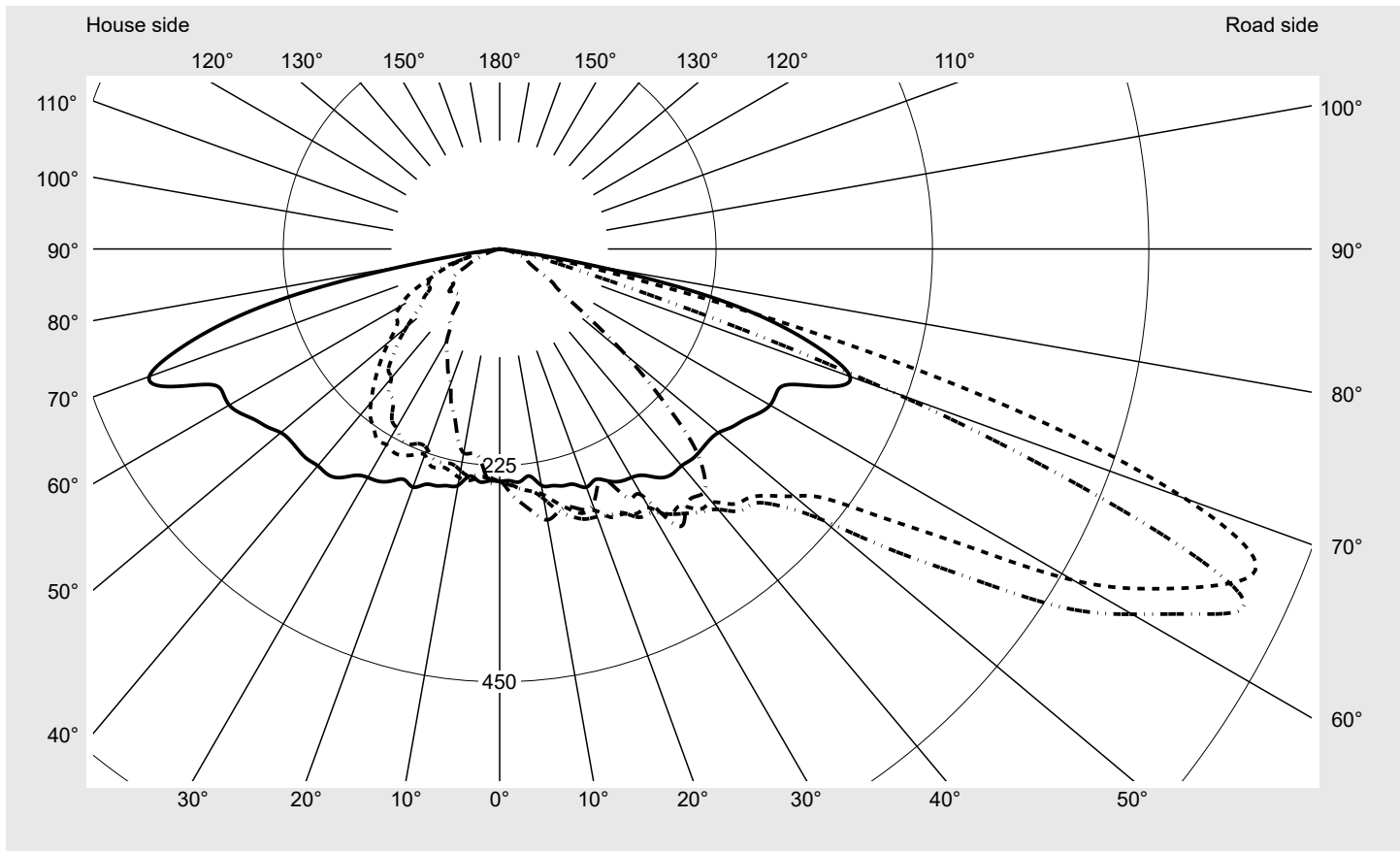
C180-0

C200-20

C205-25

C270-90

Imax: 851 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° | 826.1 |
| Imax 80° | 99.6 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

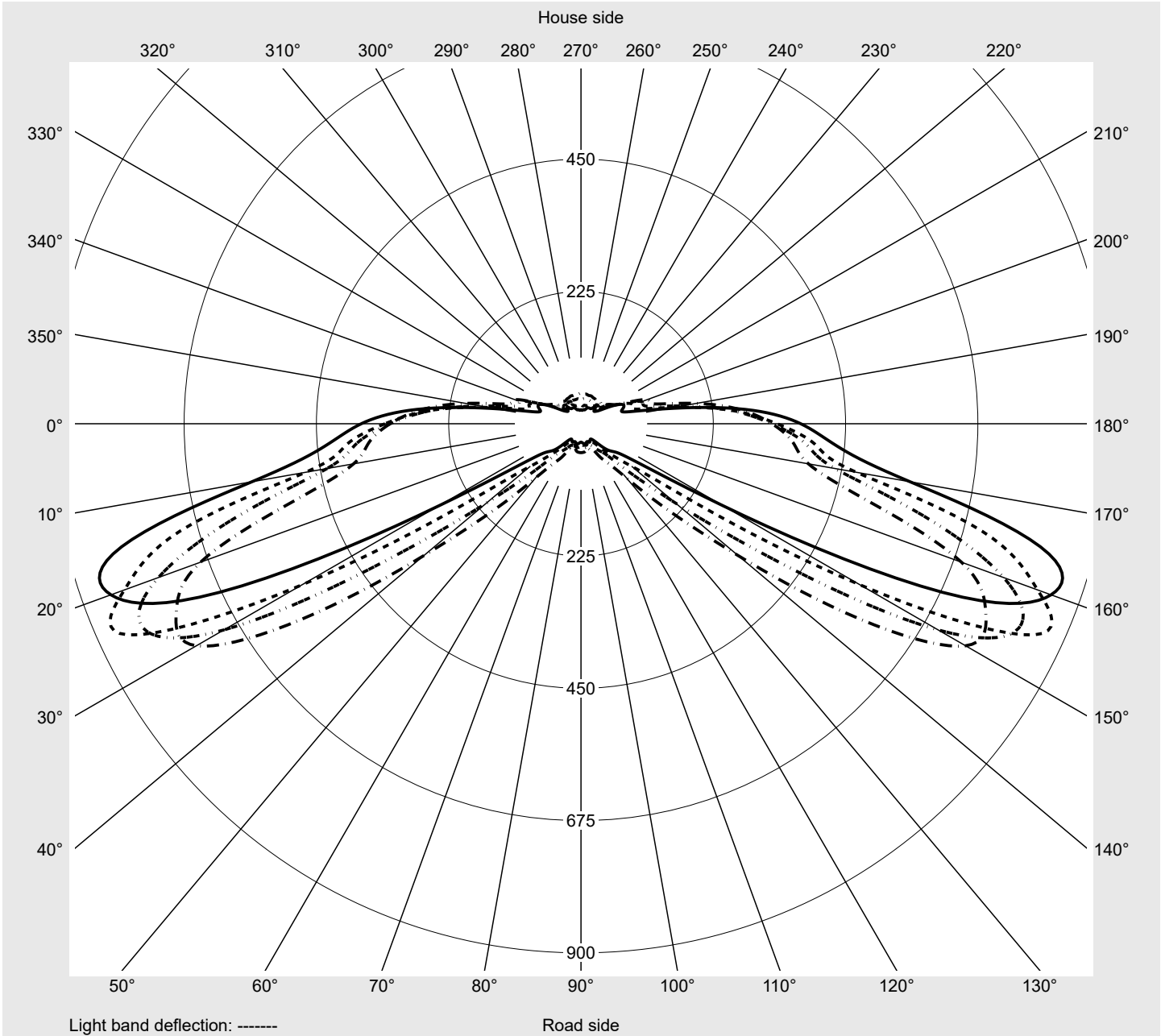
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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|---|--|-------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
| Table of values for luminous intensities | | Maximum luminous intensity |



| 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° | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 |
| 2,5° | 241.2 | 242.0 | 242.3 | 244.6 | 244.8 | 245.6 | 247.5 | 249.2 | 247.9 | 248.6 | 249.4 | 249.4 | 252.1 |
| 5,0° | 242.8 | 244.4 | 246.4 | 248.5 | 250.4 | 250.4 | 252.4 | 251.7 | 252.9 | 252.6 | 256.1 | 257.1 | 257.8 |
| 7,5° | 238.1 | 244.7 | 246.4 | 249.3 | 254.1 | 253.8 | 256.3 | 259.1 | 262.2 | 263.1 | 264.0 | 270.2 | 274.3 |
| 10,0° | 249.5 | 250.2 | 252.0 | 252.1 | 259.2 | 263.7 | 267.3 | 266.8 | 269.8 | 277.2 | 281.7 | 280.5 | 280.0 |
| 12,5° | 252.1 | 255.9 | 263.4 | 267.0 | 269.7 | 278.2 | 283.8 | 288.0 | 292.2 | 295.4 | 292.5 | 284.3 | 282.5 |
| 15,0° | 254.9 | 259.7 | 266.2 | 274.9 | 280.0 | 287.7 | 293.3 | 298.3 | 295.3 | 290.9 | 287.2 | 283.7 | 284.2 |
| 17,5° | 256.6 | 260.1 | 271.3 | 284.8 | 287.9 | 294.5 | 301.9 | 294.7 | 290.2 | 290.7 | 291.7 | 283.4 | 285.5 |
| 20,0° | 263.5 | 268.8 | 274.7 | 282.1 | 289.2 | 296.3 | 303.4 | 296.5 | 296.4 | 293.4 | 288.7 | 286.4 | 289.0 |
| 22,5° | 259.6 | 274.8 | 287.3 | 297.4 | 301.8 | 299.5 | 298.4 | 305.1 | 306.8 | 304.8 | 295.9 | 292.1 | 289.5 |
| 25,0° | 266.1 | 276.1 | 285.1 | 300.8 | 304.0 | 302.6 | 304.5 | 311.0 | 310.2 | 300.7 | 297.4 | 287.1 | 288.5 |
| 27,5° | 272.3 | 279.3 | 296.0 | 304.9 | 309.9 | 314.4 | 317.9 | 310.6 | 307.7 | 310.4 | 295.7 | 288.2 | 284.2 |
| 30,0° | 274.3 | 289.2 | 300.3 | 316.6 | 310.7 | 316.6 | 319.9 | 318.9 | 312.8 | 302.3 | 293.0 | 291.8 | 303.0 |
| 32,5° | 279.1 | 301.8 | 308.2 | 311.8 | 328.0 | 326.7 | 325.8 | 322.5 | 315.6 | 310.9 | 310.7 | 313.2 | 326.1 |
| 35,0° | 290.3 | 306.6 | 313.9 | 321.4 | 326.3 | 335.7 | 340.7 | 328.4 | 326.0 | 321.2 | 325.3 | 345.8 | 350.0 |
| 37,5° | 294.9 | 312.8 | 318.0 | 328.7 | 341.1 | 344.6 | 341.9 | 346.7 | 346.5 | 347.6 | 362.9 | 374.3 | 375.4 |
| 40,0° | 294.3 | 313.3 | 322.6 | 331.9 | 343.9 | 353.4 | 365.0 | 349.2 | 364.3 | 390.5 | 399.4 | 410.7 | 406.8 |
| 42,5° | 296.2 | 309.6 | 325.7 | 338.2 | 359.7 | 369.6 | 367.0 | 368.1 | 396.6 | 441.2 | 445.2 | 430.6 | 422.9 |
| 45,0° | 295.8 | 310.9 | 331.9 | 350.3 | 366.0 | 373.9 | 386.4 | 416.1 | 448.0 | 481.0 | 472.9 | 440.8 | 413.9 |
| 47,5° | 295.0 | 309.3 | 335.6 | 359.3 | 379.7 | 395.4 | 417.5 | 470.9 | 503.3 | 514.4 | 478.4 | 422.0 | 378.4 |
| 50,0° | 297.1 | 314.5 | 341.4 | 367.3 | 399.9 | 438.3 | 493.0 | 538.5 | 552.9 | 521.1 | 455.9 | 389.4 | 328.3 |
| 52,5° | 304.1 | 328.9 | 343.7 | 368.4 | 425.7 | 514.1 | 577.6 | 608.3 | 578.7 | 500.9 | 416.3 | 327.5 | 253.0 |
| 55,0° | 310.1 | 333.9 | 356.5 | 394.4 | 487.6 | 595.7 | 651.0 | 646.3 | 561.3 | 455.6 | 325.0 | 237.0 | 181.1 |
| 57,5° | 318.6 | 348.3 | 372.4 | 430.0 | 573.5 | 693.1 | 711.4 | 657.9 | 500.3 | 322.7 | 213.2 | 147.1 | 101.6 |
| 60,0° | 324.7 | 361.8 | 392.8 | 503.4 | 688.8 | 759.6 | 755.3 | 579.5 | 348.8 | 203.5 | 120.8 | 83.4 | 65.9 |
| 62,5° | 324.4 | 382.8 | 438.5 | 601.3 | 765.0 | 821.8 | 701.7 | 408.6 | 209.8 | 117.2 | 71.5 | 56.9 | 47.8 |
| 65,0° | 333.4 | 399.5 | 475.5 | 706.3 | 826.4 | 849.8 | 548.2 | 221.0 | 113.1 | 76.8 | 55.7 | 41.0 | 36.7 |
| 67,5° | 373.8 | 437.3 | 568.4 | 809.1 | 850.8 | 678.6 | 279.2 | 107.7 | 74.5 | 62.1 | 43.2 | 32.6 | 31.2 |
| 70,0° | 387.7 | 464.2 | 653.7 | 826.1 | 758.4 | 435.7 | 109.8 | 75.1 | 59.5 | 49.6 | 33.2 | 30.6 | 30.4 |
| 72,5° | 352.6 | 441.9 | 676.5 | 725.8 | 577.5 | 196.6 | 70.4 | 55.5 | 45.7 | 39.8 | 29.7 | 22.8 | 23.7 |
| 75,0° | 295.8 | 412.3 | 568.9 | 514.5 | 344.7 | 80.9 | 53.8 | 39.8 | 29.9 | 31.3 | 23.0 | 17.7 | 16.7 |
| 77,5° | 213.1 | 276.5 | 324.1 | 259.9 | 142.0 | 43.1 | 29.2 | 20.9 | 19.0 | 22.5 | 18.6 | 15.0 | 14.8 |
| 80,0° | 96.9 | 99.6 | 98.7 | 79.6 | 43.8 | 20.2 | 12.7 | 11.1 | 13.4 | 14.1 | 12.0 | 9.7 | 10.4 |
| 82,5° | 18.6 | 21.9 | 19.9 | 11.4 | 8.2 | 6.5 | 5.2 | 5.0 | 6.6 | 7.4 | 7.2 | 5.6 | 6.1 |
| 85,0° | 1.2 | 1.2 | 1.3 | 1.4 | 1.4 | 1.6 | 1.6 | 1.7 | 2.2 | 2.8 | 2.5 | 2.3 | 2.1 |
| 87,5° | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 |
| 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 |

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| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
| 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° | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 |
| 2,5° | 252.7 | 252.3 | 253.5 | 253.9 | 252.0 | 253.8 | 240.2 | 239.2 | 240.4 | 239.0 | 237.8 | 236.9 | 238.2 |
| 5,0° | 261.6 | 262.9 | 262.6 | 262.5 | 264.1 | 265.6 | 242.6 | 240.6 | 238.7 | 238.3 | 235.4 | 234.3 | 235.6 |
| 7,5° | 275.6 | 278.5 | 278.2 | 277.4 | 277.8 | 277.0 | 238.4 | 241.3 | 240.2 | 242.8 | 238.2 | 235.5 | 230.7 |
| 10,0° | 284.8 | 286.5 | 285.3 | 284.2 | 283.5 | 286.0 | 246.7 | 248.1 | 242.7 | 241.4 | 234.0 | 230.9 | 226.1 |
| 12,5° | 282.9 | 285.3 | 280.5 | 275.7 | 279.2 | 280.2 | 254.8 | 247.0 | 239.2 | 236.8 | 229.0 | 222.6 | 221.7 |
| 15,0° | 281.8 | 277.5 | 277.9 | 279.4 | 277.7 | 277.4 | 244.7 | 239.6 | 238.4 | 234.6 | 230.0 | 219.2 | 214.8 |
| 17,5° | 283.9 | 277.3 | 277.7 | 278.9 | 281.6 | 284.0 | 248.6 | 244.3 | 240.8 | 236.9 | 228.6 | 219.6 | 210.1 |
| 20,0° | 284.6 | 279.3 | 279.5 | 278.5 | 278.6 | 283.3 | 250.4 | 244.8 | 243.7 | 227.9 | 221.0 | 216.4 | 210.3 |
| 22,5° | 284.0 | 276.8 | 272.6 | 269.1 | 269.6 | 266.4 | 255.9 | 245.3 | 244.2 | 231.5 | 219.1 | 210.1 | 200.8 |
| 25,0° | 275.9 | 270.8 | 271.0 | 266.2 | 274.3 | 266.8 | 255.1 | 246.9 | 247.0 | 236.8 | 224.1 | 207.1 | 197.3 |
| 27,5° | 277.2 | 288.3 | 288.6 | 296.6 | 291.7 | 292.3 | 261.4 | 252.5 | 247.8 | 238.4 | 222.4 | 196.8 | 187.3 |
| 30,0° | 300.5 | 303.6 | 307.8 | 308.9 | 315.5 | 295.9 | 263.4 | 249.0 | 247.9 | 235.1 | 214.7 | 195.0 | 180.4 |
| 32,5° | 328.9 | 326.4 | 327.8 | 332.8 | 327.9 | 340.2 | 269.9 | 256.6 | 249.9 | 235.9 | 208.8 | 190.6 | 172.1 |
| 35,0° | 351.6 | 348.3 | 339.6 | 342.2 | 331.1 | 336.2 | 268.3 | 256.9 | 245.4 | 228.0 | 192.6 | 183.8 | 161.7 |
| 37,5° | 368.3 | 358.0 | 349.0 | 341.4 | 341.3 | 326.8 | 275.2 | 256.7 | 243.1 | 220.7 | 189.6 | 173.4 | 144.9 |
| 40,0° | 386.9 | 376.4 | 360.5 | 348.9 | 343.2 | 330.2 | 273.0 | 257.9 | 233.4 | 208.2 | 175.4 | 159.5 | 133.5 |
| 42,5° | 394.5 | 377.0 | 352.8 | 342.8 | 324.4 | 313.6 | 277.4 | 255.6 | 229.9 | 194.1 | 171.3 | 138.8 | 126.0 |
| 45,0° | 373.7 | 341.2 | 311.2 | 287.0 | 275.0 | 280.3 | 269.7 | 257.0 | 221.7 | 179.7 | 156.7 | 124.5 | 119.8 |
| 47,5° | 332.0 | 291.1 | 265.7 | 241.8 | 221.6 | 223.1 | 275.8 | 249.1 | 205.7 | 165.3 | 142.6 | 109.4 | 111.0 |
| 50,0° | 269.1 | 232.1 | 206.2 | 184.4 | 172.7 | 170.4 | 273.8 | 244.3 | 195.3 | 150.3 | 126.0 | 94.7 | 101.4 |
| 52,5° | 205.2 | 169.9 | 145.0 | 128.5 | 115.1 | 114.5 | 281.2 | 239.7 | 184.0 | 136.5 | 110.2 | 80.3 | 85.7 |
| 55,0° | 131.1 | 105.8 | 91.9 | 86.1 | 80.5 | 76.4 | 280.3 | 234.7 | 170.5 | 129.9 | 97.7 | 73.5 | 69.5 |
| 57,5° | 73.3 | 66.6 | 63.9 | 61.6 | 62.7 | 65.4 | 278.3 | 218.0 | 152.3 | 128.6 | 92.8 | 69.3 | 60.8 |
| 60,0° | 48.6 | 47.2 | 42.4 | 46.5 | 48.7 | 49.2 | 272.7 | 199.4 | 130.1 | 119.1 | 83.8 | 65.0 | 57.4 |
| 62,5° | 40.8 | 39.5 | 39.7 | 41.1 | 40.0 | 38.8 | 256.8 | 173.8 | 115.3 | 109.6 | 83.4 | 61.6 | 54.5 |
| 65,0° | 37.1 | 33.9 | 37.3 | 36.9 | 36.5 | 33.5 | 258.2 | 159.9 | 96.1 | 94.2 | 81.3 | 61.6 | 46.5 |
| 67,5° | 34.6 | 32.3 | 33.4 | 34.6 | 33.0 | 31.3 | 280.0 | 147.2 | 77.5 | 76.0 | 77.6 | 59.7 | 40.8 |
| 70,0° | 32.0 | 32.4 | 30.4 | 31.7 | 27.2 | 29.4 | 247.6 | 108.4 | 58.8 | 62.7 | 73.3 | 58.4 | 38.2 |
| 72,5° | 25.2 | 26.4 | 26.2 | 25.4 | 24.8 | 23.6 | 184.7 | 71.9 | 48.7 | 47.4 | 57.3 | 50.8 | 34.9 |
| 75,0° | 18.7 | 17.1 | 18.0 | 18.7 | 18.1 | 18.1 | 95.7 | 27.7 | 25.4 | 34.3 | 36.0 | 34.8 | 26.3 |
| 77,5° | 14.2 | 12.3 | 12.0 | 12.2 | 12.3 | 12.3 | 55.6 | 9.6 | 10.9 | 31.1 | 30.8 | 23.9 | 17.8 |
| 80,0° | 9.5 | 8.8 | 8.8 | 7.5 | 7.9 | 7.8 | 31.0 | 5.8 | 8.6 | 24.2 | 22.9 | 16.0 | 10.4 |
| 82,5° | 5.3 | 5.0 | 4.6 | 4.2 | 4.0 | 3.9 | 6.6 | 3.0 | 4.1 | 6.3 | 5.3 | 3.5 | 3.5 |
| 85,0° | 2.4 | 2.0 | 1.4 | 1.5 | 1.4 | 1.5 | 1.1 | 1.0 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 |
| 87,5° | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 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

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| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
| 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° | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 241.6 | 0.4 | 0.4 |
| 2,5° | 241.3 | 240.5 | 242.5 | 240.1 | 240.5 | 238.9 | 241.6 | 240.1 | 240.9 | 241.1 | 242.6 | 2.9 | 3.3 |
| 5,0° | 232.5 | 230.0 | 225.5 | 221.8 | 226.5 | 227.3 | 225.3 | 224.8 | 224.3 | 223.2 | 221.9 | 5.8 | 9.1 |
| 7,5° | 228.8 | 226.5 | 219.5 | 220.7 | 219.6 | 217.7 | 217.0 | 215.7 | 214.0 | 216.2 | 214.1 | 8.8 | 17.9 |
| 10,0° | 221.8 | 216.9 | 211.2 | 208.7 | 206.8 | 206.5 | 210.1 | 210.0 | 211.5 | 208.9 | 215.3 | 11.8 | 29.6 |
| 12,5° | 221.7 | 219.0 | 212.0 | 208.5 | 206.1 | 204.8 | 203.5 | 204.8 | 201.1 | 201.1 | 201.2 | 14.8 | 44.4 |
| 15,0° | 211.3 | 207.1 | 204.4 | 200.9 | 196.2 | 194.7 | 186.5 | 183.8 | 185.7 | 182.0 | 180.8 | 17.4 | 61.9 |
| 17,5° | 206.3 | 200.6 | 196.9 | 186.4 | 183.3 | 178.8 | 172.8 | 169.8 | 169.5 | 171.3 | 167.7 | 20.1 | 82.0 |
| 20,0° | 201.6 | 192.2 | 182.0 | 171.8 | 168.4 | 169.4 | 161.9 | 159.0 | 152.8 | 148.9 | 148.7 | 22.6 | 104.6 |
| 22,5° | 189.5 | 176.3 | 168.2 | 165.5 | 154.6 | 153.5 | 147.6 | 143.0 | 146.7 | 143.6 | 139.5 | 25.0 | 129.6 |
| 25,0° | 184.5 | 169.4 | 158.8 | 149.7 | 145.1 | 148.3 | 144.2 | 138.2 | 133.4 | 130.4 | 128.2 | 27.4 | 157.0 |
| 27,5° | 173.0 | 162.7 | 150.4 | 149.3 | 152.3 | 145.3 | 136.2 | 132.8 | 127.0 | 122.5 | 119.2 | 30.2 | 187.2 |
| 30,0° | 162.4 | 143.6 | 144.2 | 152.2 | 146.6 | 139.1 | 131.5 | 121.9 | 116.8 | 109.9 | 110.0 | 32.9 | 220.1 |
| 32,5° | 151.4 | 142.8 | 146.9 | 152.1 | 141.3 | 130.1 | 121.6 | 111.3 | 102.8 | 98.5 | 94.4 | 36.1 | 256.2 |
| 35,0° | 140.7 | 148.0 | 157.5 | 143.3 | 130.4 | 119.8 | 107.6 | 101.9 | 94.1 | 89.2 | 89.6 | 39.0 | 295.2 |
| 37,5° | 138.0 | 151.9 | 149.9 | 134.8 | 118.8 | 107.3 | 100.5 | 88.0 | 82.4 | 76.3 | 72.6 | 41.9 | 337.1 |
| 40,0° | 134.4 | 154.1 | 135.3 | 122.6 | 107.1 | 94.1 | 82.6 | 75.7 | 70.2 | 69.0 | 67.6 | 44.8 | 381.9 |
| 42,5° | 138.4 | 139.5 | 121.1 | 109.8 | 93.4 | 82.5 | 71.8 | 67.9 | 67.8 | 68.3 | 64.3 | 47.4 | 429.2 |
| 45,0° | 135.6 | 129.0 | 109.2 | 95.4 | 84.3 | 74.3 | 65.8 | 66.7 | 65.5 | 64.6 | 65.4 | 48.8 | 478.1 |
| 47,5° | 125.8 | 116.1 | 98.6 | 83.3 | 73.0 | 64.2 | 64.1 | 63.7 | 65.2 | 64.9 | 63.6 | 49.6 | 527.7 |
| 50,0° | 107.6 | 99.0 | 88.5 | 78.2 | 64.9 | 64.1 | 63.1 | 62.8 | 63.9 | 65.5 | 68.4 | 50.0 | 577.6 |
| 52,5° | 82.9 | 78.7 | 77.0 | 68.7 | 62.1 | 60.2 | 64.1 | 62.3 | 63.2 | 61.5 | 60.9 | 49.5 | 627.1 |
| 55,0° | 64.7 | 64.0 | 67.3 | 59.9 | 58.1 | 58.2 | 61.6 | 60.8 | 61.2 | 59.8 | 60.3 | 48.5 | 675.6 |
| 57,5° | 53.0 | 55.4 | 58.6 | 53.2 | 55.7 | 56.3 | 57.2 | 58.4 | 55.2 | 57.5 | 58.2 | 47.1 | 722.8 |
| 60,0° | 49.5 | 48.0 | 49.5 | 47.1 | 48.3 | 48.9 | 50.3 | 49.9 | 51.1 | 50.6 | 52.4 | 45.5 | 768.2 |
| 62,5° | 42.5 | 42.0 | 42.1 | 39.9 | 42.7 | 41.6 | 42.2 | 42.0 | 42.4 | 42.1 | 39.2 | 43.6 | 811.9 |
| 65,0° | 40.5 | 35.1 | 38.1 | 36.5 | 35.7 | 35.7 | 33.2 | 31.9 | 31.9 | 30.6 | 32.6 | 41.7 | 853.6 |
| 67,5° | 33.0 | 31.2 | 36.8 | 31.9 | 30.2 | 29.8 | 27.8 | 24.5 | 24.4 | 22.9 | 23.8 | 39.4 | 892.9 |
| 70,0° | 29.7 | 26.8 | 31.6 | 27.6 | 24.7 | 23.0 | 20.2 | 19.4 | 17.5 | 17.6 | 16.9 | 35.6 | 928.5 |
| 72,5° | 23.8 | 22.1 | 24.3 | 22.0 | 18.8 | 15.9 | 14.1 | 13.3 | 12.0 | 11.5 | 10.8 | 29.6 | 958.2 |
| 75,0° | 17.8 | 15.2 | 17.8 | 16.9 | 13.4 | 11.6 | 9.2 | 7.4 | 6.2 | 5.9 | 5.9 | 21.6 | 979.7 |
| 77,5° | 13.5 | 11.4 | 11.0 | 11.4 | 10.7 | 7.7 | 5.3 | 3.3 | 2.5 | 1.9 | 1.7 | 12.8 | 992.6 |
| 80,0° | 7.9 | 5.9 | 6.5 | 6.2 | 5.3 | 4.4 | 3.9 | 1.5 | 1.0 | 0.8 | 0.8 | 5.5 | 998.1 |
| 82,5° | 3.3 | 2.7 | 2.5 | 2.3 | 2.2 | 1.7 | 2.0 | 0.7 | 0.3 | 0.2 | 0.2 | 1.5 | 999.6 |
| 85,0° | 0.6 | 0.6 | 0.5 | 0.4 | 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.1 | 0.1 | 0.3 | 999.9 |
| 87,5° | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 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

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| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
|---|--|-------------------------------|

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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 | 5010 | 36.4 | 38.3 | 37.3 |
| 95 | 241 | 252 | 4754 | 33.9 | 35.7 | 34.8 |
| 90 | 229 | 250 | 4517 | 31.8 | 33.4 | 32.6 |
| 85 | 216 | 248 | 4260 | 29.5 | 31.0 | 30.2 |
| 80 | 203 | 246 | 4004 | 27.3 | 28.6 | 28.0 |
| 75 | 190 | 243 | 3748 | 25.2 | 26.4 | 25.8 |
| 70 | 178 | 241 | 3511 | 23.3 | 24.5 | 23.9 |
| 65 | 165 | 238 | 3255 | 21.3 | 22.4 | 21.8 |
| 60 | 152 | 235 | 2998 | 19.4 | 20.4 | 19.9 |
| 55 | 140 | 232 | 2761 | 17.7 | 18.6 | 18.2 |
| 50 | 127 | 229 | 2505 | 15.9 | 16.7 | 16.3 |
| 45 | 114 | 225 | 2249 | 14.3 | 14.9 | 14.6 |
| 40 | 102 | 221 | 2012 | 12.7 | 13.2 | 13.0 |
| 35 | 89 | 216 | 1755 | 11.1 | 11.6 | 11.4 |
| 30 | 76 | 210 | 1499 | 9.6 | 9.9 | 9.8 |
| 25 | 63 | 203 | 1243 | 8.0 | 8.4 | 8.2 |
| 20 | 51 | 195 | 1006 | 6.7 | 7.0 | 6.8 |
| 15 | 38 | 184 | 750 | 5.3 | 5.5 | 5.4 |
| 10 | 26 | 171 | 513 | 4.1 | 4.3 | 4.2 |

| | |
|-----------------------------|--------------------------------|
| 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 | 5010 | 35.7 | 37.4 | 36.6 |
| 95 | 241 | 252 | 4754 | 33.3 | 34.9 | 34.1 |
| 90 | 229 | 250 | 4517 | 31.3 | 32.7 | 32.0 |
| 85 | 216 | 248 | 4260 | 29.1 | 30.5 | 29.8 |
| 80 | 203 | 246 | 4004 | 26.9 | 28.2 | 27.6 |
| 75 | 190 | 243 | 3748 | 24.9 | 26.1 | 25.5 |
| 70 | 178 | 241 | 3511 | 23.1 | 24.2 | 23.6 |
| 65 | 165 | 238 | 3255 | 21.2 | 22.1 | 21.6 |
| 60 | 152 | 235 | 2998 | 19.4 | 20.2 | 19.8 |
| 55 | 140 | 232 | 2761 | 17.7 | 18.4 | 18.0 |
| 50 | 127 | 229 | 2505 | 16.0 | 16.6 | 16.3 |
| 45 | 114 | 225 | 2249 | 14.2 | 14.8 | 14.5 |
| 40 | 102 | 221 | 2012 | 12.7 | 13.2 | 13.0 |
| 35 | 89 | 216 | 1755 | 11.1 | 11.6 | 11.4 |
| 30 | 76 | 210 | 1499 | 9.5 | 9.9 | 9.7 |
| 25 | 63 | 203 | 1243 | 8.1 | 8.3 | 8.2 |
| 20 | 51 | 195 | 1006 | 6.7 | 7.0 | 6.8 |
| 15 | 38 | 184 | 750 | 5.4 | 5.6 | 5.5 |
| 11 | 27 | 172 | 533 | 4.2 | 4.4 | 4.3 |

Photometric test report

| | | |
|---|--|-------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
|---|--|-------------------------------|

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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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100 | 254 | 254 | 5010 | 36.0 | 37.7 | 36.8 |
| 95 | 241 | 252 | 4754 | 33.6 | 35.2 | 34.4 |
| 90 | 229 | 250 | 4517 | 31.5 | 32.9 | 32.2 |
| 85 | 216 | 248 | 4260 | 29.2 | 30.6 | 29.9 |
| 80 | 203 | 246 | 4004 | 27.1 | 28.4 | 27.8 |
| 75 | 190 | 243 | 3748 | 25.0 | 26.2 | 25.6 |
| 70 | 178 | 241 | 3511 | 23.1 | 24.2 | 23.6 |
| 65 | 165 | 238 | 3255 | 21.2 | 22.2 | 21.7 |
| 60 | 152 | 235 | 2998 | 19.3 | 20.3 | 19.8 |
| 55 | 140 | 232 | 2761 | 17.7 | 18.4 | 18.0 |
| 50 | 127 | 229 | 2505 | 15.9 | 16.6 | 16.2 |
| 45 | 114 | 225 | 2249 | 14.2 | 14.9 | 14.6 |
| 40 | 102 | 221 | 2012 | 12.7 | 13.2 | 13.0 |
| 35 | 89 | 216 | 1755 | 11.1 | 11.6 | 11.4 |
| 30 | 76 | 210 | 1499 | 9.6 | 9.9 | 9.8 |
| 25 | 63 | 203 | 1243 | 8.1 | 8.4 | 8.2 |
| 20 | 51 | 195 | 1006 | 6.8 | 6.9 | 6.8 |
| 15 | 38 | 184 | 750 | 5.4 | 5.5 | 5.4 |
| 11 | 27 | 172 | 533 | 4.2 | 4.4 | 4.3 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1C41D08DB EAN: 4058352739792 | LP number 59081_896 |
|---|--|--------------------------------------|

Luminousfluxs table **siteco**

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 5010.0 | 36.4 |
| 5.0 | 5010.0 | 35.7 |
| 15.0 | 5010.0 | 36.0 |