

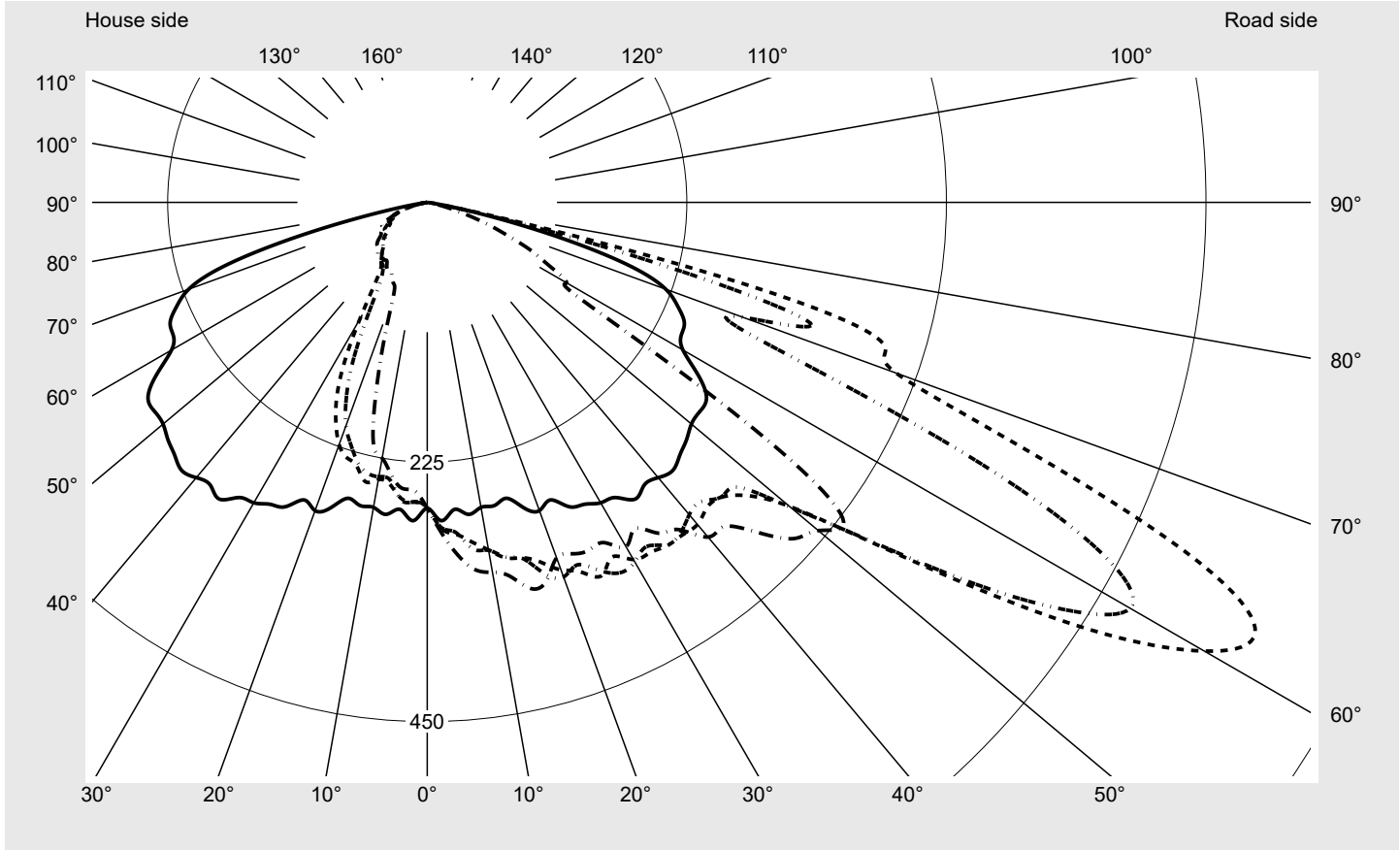


Photometric test report

| | | |
|---|---|---|
| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
|  | Version post-top or side-entry mounting, Smart Interface up/down Optic asymmetric, wide distribution (STW1.0a) Cover toughened safety glass | serial documentation 09.08.2023 |
| | Lamps LED 3000 K CRI ≥ 70 Controlgear EVG SITECO iQ - Smart Interface Rated values Net luminous flux = 5990 lm Power consumption = 39.8 W Luminous efficacy = 150.5 lm/W |  |

Luminous intensity in cd/klm C180-0 C210-30 C215-35 C270-90 **Imax: 809 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: | G4 |
| Imax 70° | 498.7 |
| Imax 80° | 32.8 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

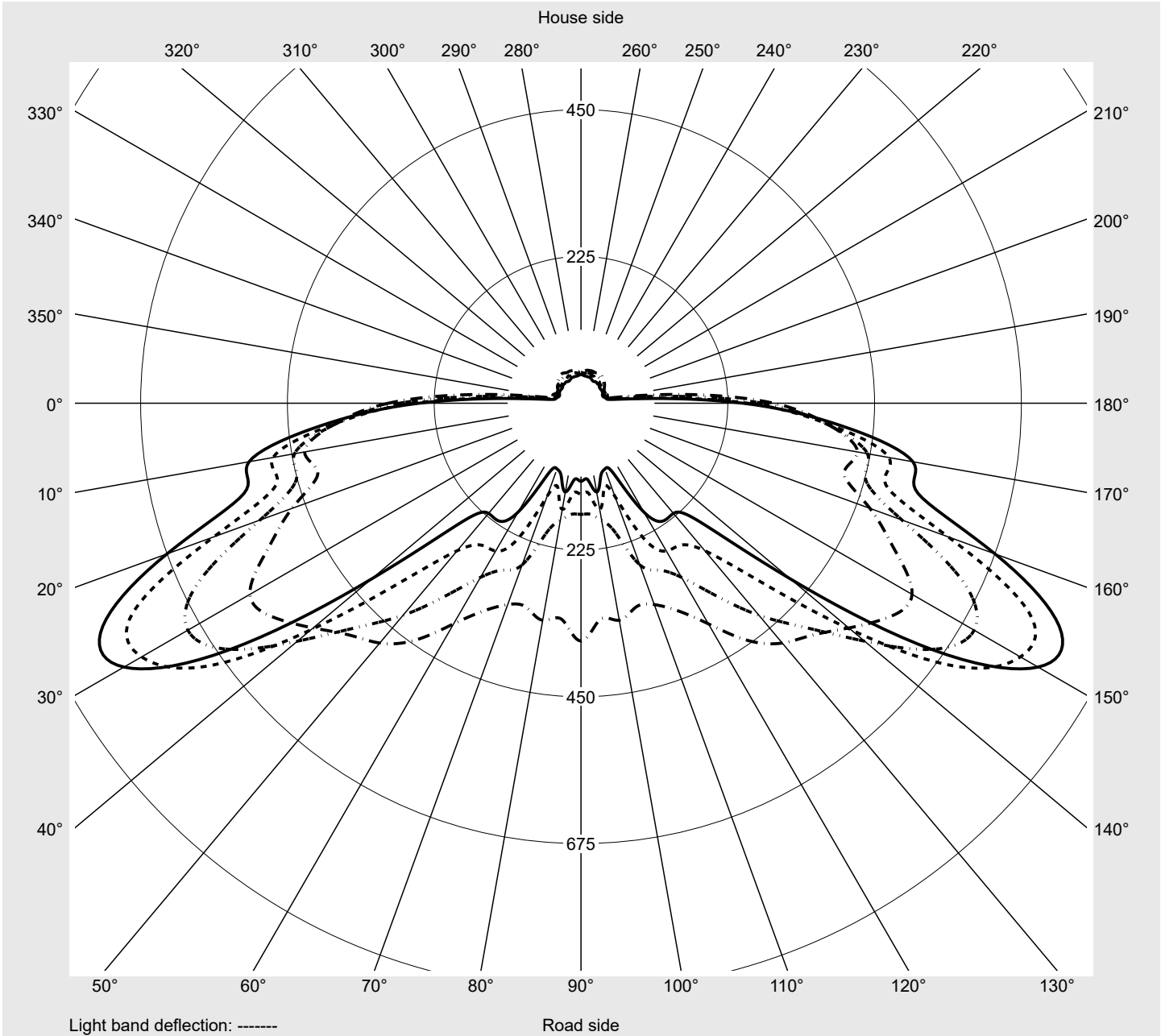
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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|--|--|--------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
|--|--|--------------------------------|

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



Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
| 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° | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 |
| 2,5° | 276.1 | 278.2 | 279.9 | 280.7 | 282.6 | 280.9 | 282.9 | 282.1 | 283.9 | 285.0 | 286.7 | 288.0 | 286.1 |
| 5,0° | 267.2 | 269.0 | 274.7 | 278.5 | 279.8 | 286.4 | 288.9 | 287.4 | 290.8 | 292.6 | 294.2 | 300.0 | 298.6 |
| 7,5° | 272.7 | 275.9 | 280.1 | 284.4 | 288.5 | 292.4 | 296.9 | 303.0 | 303.7 | 307.0 | 310.0 | 310.1 | 313.3 |
| 10,0° | 268.4 | 272.2 | 277.4 | 291.4 | 300.9 | 306.8 | 305.9 | 306.1 | 302.0 | 308.4 | 313.7 | 316.2 | 320.5 |
| 12,5° | 269.1 | 273.9 | 287.4 | 294.7 | 304.6 | 314.3 | 315.6 | 314.8 | 322.9 | 327.5 | 331.4 | 330.3 | 330.5 |
| 15,0° | 265.5 | 276.8 | 296.7 | 300.8 | 305.0 | 315.9 | 318.9 | 319.5 | 329.6 | 338.0 | 337.2 | 339.7 | 342.1 |
| 17,5° | 277.4 | 287.6 | 299.4 | 305.4 | 315.7 | 326.6 | 326.9 | 337.2 | 336.9 | 335.5 | 339.7 | 341.4 | 338.5 |
| 20,0° | 284.3 | 295.0 | 304.2 | 313.5 | 321.0 | 328.4 | 338.9 | 345.5 | 343.3 | 344.8 | 347.8 | 341.7 | 334.4 |
| 22,5° | 279.1 | 294.0 | 312.1 | 323.0 | 327.7 | 341.0 | 346.5 | 340.0 | 341.6 | 352.4 | 351.9 | 343.1 | 331.1 |
| 25,0° | 291.0 | 303.1 | 317.1 | 327.0 | 339.5 | 348.9 | 357.1 | 351.7 | 350.1 | 347.4 | 339.5 | 333.6 | 333.4 |
| 27,5° | 295.0 | 309.9 | 321.7 | 338.0 | 351.4 | 356.8 | 346.6 | 361.8 | 356.7 | 344.1 | 331.2 | 337.6 | 339.9 |
| 30,0° | 300.7 | 317.1 | 328.5 | 349.8 | 355.9 | 355.9 | 357.4 | 359.7 | 352.9 | 344.8 | 333.1 | 337.4 | 338.9 |
| 32,5° | 303.3 | 318.9 | 336.3 | 353.9 | 359.5 | 349.5 | 359.8 | 353.7 | 348.0 | 346.4 | 340.3 | 346.7 | 346.0 |
| 35,0° | 314.0 | 326.8 | 340.1 | 355.5 | 360.5 | 357.7 | 363.1 | 362.1 | 346.9 | 343.3 | 345.1 | 341.2 | 346.2 |
| 37,5° | 308.9 | 327.9 | 347.5 | 353.8 | 357.0 | 355.0 | 363.3 | 360.9 | 349.1 | 347.9 | 346.4 | 345.8 | 346.0 |
| 40,0° | 311.4 | 332.1 | 344.0 | 358.4 | 357.1 | 363.3 | 364.4 | 353.3 | 357.7 | 355.2 | 353.1 | 353.4 | 356.3 |
| 42,5° | 315.1 | 342.3 | 354.5 | 357.4 | 364.8 | 358.6 | 358.8 | 351.6 | 354.4 | 362.5 | 363.5 | 361.8 | 376.7 |
| 45,0° | 309.7 | 352.0 | 364.3 | 364.3 | 367.8 | 375.0 | 361.3 | 360.8 | 367.0 | 373.0 | 384.1 | 397.1 | 402.7 |
| 47,5° | 304.8 | 361.9 | 365.7 | 366.2 | 379.0 | 381.6 | 376.2 | 365.3 | 379.3 | 404.4 | 419.2 | 437.2 | 429.1 |
| 50,0° | 298.9 | 376.3 | 386.3 | 389.3 | 397.8 | 415.1 | 409.9 | 410.7 | 417.6 | 449.6 | 467.2 | 465.5 | 448.8 |
| 52,5° | 297.8 | 384.5 | 408.5 | 405.9 | 426.8 | 460.3 | 481.7 | 479.2 | 484.8 | 487.2 | 491.5 | 476.7 | 441.4 |
| 55,0° | 295.5 | 381.4 | 430.2 | 417.6 | 471.4 | 530.1 | 586.0 | 573.2 | 535.9 | 502.5 | 479.9 | 443.5 | 390.5 |
| 57,5° | 278.4 | 380.3 | 445.9 | 451.7 | 523.6 | 645.7 | 695.9 | 657.7 | 567.6 | 486.1 | 424.4 | 359.9 | 308.3 |
| 60,0° | 255.9 | 384.0 | 479.3 | 483.8 | 599.0 | 757.2 | 777.7 | 703.6 | 540.3 | 384.0 | 295.1 | 265.7 | 261.6 |
| 62,5° | 248.4 | 402.0 | 516.6 | 535.0 | 675.3 | 808.8 | 809.0 | 659.9 | 419.1 | 256.1 | 220.5 | 220.2 | 192.6 |
| 65,0° | 245.9 | 422.0 | 553.6 | 573.4 | 711.3 | 776.7 | 738.3 | 510.2 | 243.5 | 208.7 | 192.4 | 191.3 | 104.6 |
| 67,5° | 235.0 | 425.3 | 575.2 | 564.4 | 621.8 | 656.3 | 565.5 | 314.5 | 192.3 | 176.6 | 153.1 | 147.2 | 65.3 |
| 70,0° | 220.0 | 417.0 | 498.7 | 490.7 | 467.4 | 475.7 | 432.4 | 290.7 | 186.4 | 147.5 | 119.0 | 82.6 | 48.3 |
| 72,5° | 186.1 | 339.1 | 400.0 | 304.5 | 275.2 | 335.3 | 416.1 | 348.4 | 176.7 | 109.9 | 75.5 | 56.3 | 39.4 |
| 75,0° | 123.0 | 169.2 | 172.4 | 105.2 | 89.8 | 211.1 | 330.5 | 216.4 | 77.4 | 39.2 | 49.9 | 41.1 | 30.5 |
| 77,5° | 56.5 | 71.0 | 62.1 | 33.2 | 30.7 | 82.6 | 105.1 | 73.0 | 43.5 | 25.3 | 37.7 | 26.1 | 20.2 |
| 80,0° | 17.1 | 18.7 | 17.1 | 12.0 | 10.0 | 32.8 | 16.7 | 12.3 | 11.9 | 13.6 | 24.3 | 14.2 | 12.9 |
| 82,5° | 2.8 | 2.6 | 2.8 | 2.7 | 4.2 | 12.7 | 4.3 | 4.9 | 3.6 | 2.7 | 7.1 | 7.5 | 9.0 |
| 85,0° | 0.6 | 1.0 | 0.8 | 0.7 | 0.9 | 0.6 | 1.1 | 1.6 | 1.2 | 1.0 | 1.0 | 1.0 | 0.9 |
| 87,5° | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 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 | 0.0 |

Photometric test report

| | | |
|---|--|---------------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
| 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° | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 |
| 2,5° | 287.5 | 287.6 | 287.1 | 287.4 | 287.0 | 287.0 | 273.3 | 268.1 | 264.9 | 264.2 | 262.9 | 260.1 | 259.7 |
| 5,0° | 298.8 | 299.6 | 303.6 | 304.8 | 306.2 | 307.1 | 263.9 | 264.0 | 263.7 | 260.2 | 262.6 | 257.7 | 259.0 |
| 7,5° | 311.1 | 312.7 | 314.2 | 315.4 | 319.9 | 321.2 | 264.6 | 260.9 | 257.4 | 253.9 | 248.6 | 246.6 | 243.3 |
| 10,0° | 322.2 | 321.1 | 324.7 | 324.1 | 330.8 | 325.5 | 261.4 | 256.1 | 251.1 | 248.3 | 244.7 | 244.0 | 241.3 |
| 12,5° | 332.1 | 335.3 | 335.1 | 332.5 | 329.2 | 332.0 | 262.3 | 260.1 | 252.5 | 246.3 | 242.6 | 247.9 | 240.3 |
| 15,0° | 337.6 | 337.3 | 338.6 | 345.5 | 346.4 | 346.4 | 261.0 | 256.5 | 253.2 | 248.3 | 245.2 | 236.4 | 233.1 |
| 17,5° | 341.6 | 341.9 | 341.5 | 339.9 | 341.6 | 343.8 | 270.2 | 262.3 | 253.8 | 247.9 | 241.6 | 232.0 | 220.2 |
| 20,0° | 335.0 | 333.0 | 331.7 | 327.6 | 328.6 | 327.9 | 267.8 | 260.8 | 255.7 | 239.3 | 232.0 | 223.3 | 206.1 |
| 22,5° | 329.0 | 328.2 | 327.2 | 332.2 | 325.7 | 329.6 | 271.4 | 267.7 | 246.7 | 240.9 | 224.1 | 206.9 | 183.3 |
| 25,0° | 334.2 | 338.9 | 333.4 | 328.8 | 331.6 | 332.3 | 273.9 | 267.1 | 247.9 | 230.6 | 210.1 | 185.4 | 153.1 |
| 27,5° | 345.0 | 340.9 | 338.0 | 336.9 | 330.6 | 332.5 | 281.1 | 265.5 | 244.5 | 212.3 | 189.3 | 154.5 | 114.5 |
| 30,0° | 347.4 | 348.6 | 347.5 | 338.6 | 338.7 | 344.5 | 287.4 | 263.9 | 231.2 | 198.3 | 160.4 | 116.8 | 84.4 |
| 32,5° | 348.4 | 347.2 | 343.8 | 343.5 | 341.8 | 335.2 | 290.9 | 256.1 | 220.6 | 179.3 | 126.7 | 86.3 | 72.1 |
| 35,0° | 347.0 | 345.2 | 346.6 | 347.5 | 342.5 | 350.1 | 287.0 | 243.6 | 204.1 | 146.9 | 96.2 | 70.3 | 66.8 |
| 37,5° | 350.1 | 351.8 | 356.0 | 359.3 | 353.9 | 357.4 | 278.7 | 226.5 | 179.7 | 108.7 | 69.8 | 65.7 | 65.1 |
| 40,0° | 361.0 | 366.3 | 369.3 | 373.6 | 367.6 | 378.6 | 271.5 | 211.0 | 146.0 | 80.9 | 62.4 | 61.5 | 61.5 |
| 42,5° | 385.5 | 380.9 | 382.4 | 379.9 | 385.9 | 381.1 | 253.2 | 192.1 | 110.3 | 60.5 | 58.0 | 57.7 | 57.7 |
| 45,0° | 410.8 | 397.6 | 391.9 | 399.7 | 411.0 | 404.2 | 243.1 | 159.0 | 76.9 | 55.3 | 55.2 | 53.6 | 54.0 |
| 47,5° | 433.6 | 414.0 | 411.4 | 415.7 | 420.3 | 431.3 | 227.6 | 126.7 | 55.1 | 50.4 | 51.7 | 51.7 | 52.1 |
| 50,0° | 445.6 | 425.7 | 419.8 | 449.5 | 443.7 | 442.5 | 210.7 | 88.3 | 49.0 | 47.6 | 47.1 | 49.3 | 47.6 |
| 52,5° | 416.0 | 395.0 | 398.9 | 443.8 | 448.1 | 454.9 | 180.9 | 59.1 | 45.7 | 45.0 | 43.8 | 45.3 | 45.8 |
| 55,0° | 351.0 | 328.5 | 323.8 | 337.9 | 333.0 | 364.6 | 154.6 | 48.8 | 43.8 | 42.1 | 39.9 | 41.0 | 43.9 |
| 57,5° | 282.3 | 263.7 | 206.2 | 182.5 | 171.1 | 170.4 | 121.8 | 44.9 | 41.6 | 41.3 | 39.9 | 40.0 | 43.9 |
| 60,0° | 229.7 | 151.7 | 135.7 | 165.2 | 139.3 | 139.5 | 86.6 | 41.6 | 37.8 | 38.2 | 38.7 | 36.9 | 40.7 |
| 62,5° | 120.0 | 107.2 | 116.5 | 138.1 | 117.6 | 119.8 | 77.0 | 39.6 | 36.3 | 35.0 | 36.5 | 37.2 | 37.1 |
| 65,0° | 83.4 | 91.6 | 95.7 | 104.6 | 97.6 | 100.3 | 69.3 | 36.7 | 32.8 | 31.9 | 34.4 | 37.0 | 32.8 |
| 67,5° | 67.6 | 73.1 | 74.5 | 77.1 | 78.6 | 76.2 | 54.0 | 28.7 | 29.8 | 27.7 | 32.7 | 34.8 | 32.1 |
| 70,0° | 52.0 | 55.8 | 56.0 | 55.7 | 56.2 | 56.3 | 41.4 | 23.6 | 24.9 | 23.4 | 27.3 | 28.8 | 27.1 |
| 72,5° | 39.0 | 39.0 | 37.7 | 39.2 | 37.6 | 36.6 | 39.4 | 19.2 | 19.3 | 19.8 | 21.9 | 22.2 | 21.5 |
| 75,0° | 24.8 | 24.3 | 23.5 | 23.2 | 21.8 | 20.8 | 33.9 | 14.3 | 14.8 | 15.1 | 17.1 | 14.6 | 15.3 |
| 77,5° | 14.2 | 13.2 | 12.7 | 11.4 | 11.4 | 9.5 | 22.2 | 10.4 | 8.7 | 9.2 | 11.9 | 11.0 | 10.9 |
| 80,0° | 7.8 | 5.8 | 5.4 | 4.1 | 4.0 | 2.8 | 9.0 | 5.5 | 5.3 | 4.7 | 5.5 | 5.6 | 6.8 |
| 82,5° | 3.8 | 1.6 | 1.4 | 1.0 | 1.4 | 0.9 | 2.5 | 2.3 | 2.2 | 2.3 | 2.5 | 2.8 | 3.4 |
| 85,0° | 0.6 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.8 | 0.7 | 0.8 | 0.8 | 0.7 | 0.9 | 1.0 |
| 87,5° | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 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

| | | |
|---|--|---------------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
| 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° | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 265.0 | 0.4 | 0.4 |
| 2,5° | 256.9 | 256.0 | 255.6 | 256.1 | 254.6 | 252.5 | 250.9 | 249.4 | 248.9 | 249.4 | 250.4 | 3.2 | 3.6 |
| 5,0° | 255.7 | 253.9 | 254.1 | 252.3 | 249.0 | 249.7 | 248.6 | 248.0 | 246.8 | 248.4 | 248.8 | 6.5 | 10.2 |
| 7,5° | 240.3 | 241.6 | 243.4 | 240.7 | 241.4 | 239.6 | 241.1 | 240.8 | 239.1 | 237.5 | 238.3 | 9.8 | 20.0 |
| 10,0° | 240.0 | 236.3 | 237.0 | 232.8 | 230.3 | 226.3 | 227.2 | 227.7 | 229.3 | 228.1 | 225.1 | 13.0 | 33.0 |
| 12,5° | 232.1 | 228.4 | 226.2 | 223.2 | 220.3 | 215.5 | 208.4 | 206.4 | 206.3 | 212.3 | 215.0 | 16.3 | 49.3 |
| 15,0° | 228.7 | 218.0 | 206.6 | 202.2 | 200.2 | 193.2 | 184.1 | 176.9 | 174.8 | 172.2 | 172.4 | 19.2 | 68.5 |
| 17,5° | 209.4 | 198.3 | 189.0 | 174.2 | 161.0 | 148.0 | 139.2 | 129.3 | 122.8 | 121.0 | 123.7 | 21.6 | 90.1 |
| 20,0° | 192.2 | 169.1 | 150.1 | 131.9 | 115.1 | 104.2 | 97.2 | 89.9 | 88.2 | 86.4 | 85.0 | 23.5 | 113.6 |
| 22,5° | 156.5 | 129.9 | 107.3 | 94.2 | 82.7 | 77.8 | 78.4 | 76.9 | 75.2 | 76.8 | 76.1 | 25.4 | 139.0 |
| 25,0° | 117.5 | 93.4 | 80.0 | 74.6 | 74.6 | 73.9 | 73.1 | 74.0 | 72.0 | 74.0 | 72.3 | 27.6 | 166.6 |
| 27,5° | 87.2 | 75.8 | 71.2 | 72.6 | 73.4 | 71.9 | 71.0 | 71.6 | 70.4 | 71.1 | 67.8 | 29.8 | 196.4 |
| 30,0° | 73.6 | 70.2 | 72.9 | 71.5 | 70.4 | 71.0 | 69.8 | 70.1 | 68.1 | 67.3 | 68.0 | 32.0 | 228.4 |
| 32,5° | 67.8 | 68.1 | 67.7 | 70.5 | 70.7 | 68.2 | 67.0 | 65.7 | 64.1 | 63.6 | 65.2 | 33.9 | 262.4 |
| 35,0° | 66.4 | 67.3 | 66.7 | 66.1 | 65.8 | 64.8 | 64.9 | 64.1 | 64.6 | 62.1 | 61.4 | 35.8 | 298.2 |
| 37,5° | 67.0 | 67.1 | 66.4 | 64.8 | 64.1 | 62.0 | 62.1 | 63.5 | 62.3 | 64.1 | 62.6 | 37.7 | 335.9 |
| 40,0° | 65.2 | 69.2 | 62.8 | 60.8 | 59.4 | 59.4 | 62.3 | 62.4 | 60.3 | 60.0 | 60.4 | 39.8 | 375.7 |
| 42,5° | 64.4 | 66.3 | 68.6 | 56.9 | 57.5 | 58.5 | 59.4 | 60.7 | 57.9 | 58.0 | 62.3 | 42.0 | 417.7 |
| 45,0° | 61.0 | 62.0 | 77.2 | 58.2 | 58.6 | 59.2 | 60.0 | 59.8 | 60.6 | 60.1 | 60.3 | 44.9 | 462.5 |
| 47,5° | 53.1 | 53.8 | 65.9 | 58.5 | 59.2 | 58.8 | 59.9 | 60.0 | 59.8 | 59.0 | 57.8 | 47.8 | 510.3 |
| 50,0° | 49.0 | 52.4 | 58.1 | 59.5 | 60.2 | 57.5 | 58.4 | 56.2 | 56.5 | 55.8 | 56.8 | 51.7 | 562.1 |
| 52,5° | 47.6 | 51.8 | 55.7 | 54.3 | 55.8 | 54.5 | 53.9 | 54.8 | 53.8 | 53.5 | 53.4 | 54.9 | 616.9 |
| 55,0° | 47.0 | 49.2 | 51.3 | 53.6 | 53.4 | 51.8 | 52.2 | 51.8 | 51.3 | 49.3 | 48.8 | 55.2 | 672.1 |
| 57,5° | 45.4 | 44.7 | 46.5 | 47.9 | 48.4 | 48.5 | 47.8 | 47.7 | 47.4 | 46.4 | 47.2 | 53.2 | 725.3 |
| 60,0° | 41.2 | 41.2 | 43.3 | 43.3 | 43.7 | 45.9 | 44.1 | 44.4 | 44.6 | 44.1 | 43.7 | 51.8 | 777.1 |
| 62,5° | 37.1 | 39.0 | 39.1 | 39.8 | 38.6 | 39.5 | 41.5 | 41.8 | 42.1 | 42.8 | 44.1 | 49.6 | 826.7 |
| 65,0° | 33.4 | 34.7 | 37.0 | 36.8 | 35.8 | 36.8 | 38.8 | 37.6 | 40.4 | 42.1 | 41.9 | 46.0 | 872.7 |
| 67,5° | 29.7 | 31.0 | 32.3 | 32.5 | 32.0 | 32.6 | 33.8 | 36.5 | 37.1 | 35.6 | 34.6 | 40.0 | 912.8 |
| 70,0° | 25.9 | 28.0 | 28.5 | 28.5 | 28.1 | 28.2 | 29.6 | 31.2 | 31.7 | 30.2 | 29.9 | 33.5 | 946.3 |
| 72,5° | 21.7 | 23.7 | 24.6 | 25.3 | 25.5 | 26.0 | 25.4 | 26.6 | 27.1 | 26.8 | 25.0 | 26.9 | 973.2 |
| 75,0° | 17.0 | 18.4 | 21.4 | 20.6 | 20.1 | 20.9 | 20.3 | 21.1 | 22.0 | 20.0 | 20.2 | 15.6 | 988.8 |
| 77,5° | 12.3 | 14.7 | 16.6 | 16.7 | 16.2 | 16.3 | 15.3 | 12.3 | 9.2 | 7.0 | 6.0 | 7.1 | 995.9 |
| 80,0° | 7.5 | 8.6 | 11.2 | 12.9 | 13.0 | 11.5 | 9.3 | 6.4 | 3.8 | 1.9 | 1.2 | 2.8 | 998.7 |
| 82,5° | 3.8 | 4.4 | 5.7 | 8.4 | 8.1 | 7.0 | 4.2 | 2.7 | 1.4 | 0.5 | 0.4 | 1.1 | 999.7 |
| 85,0° | 1.4 | 1.4 | 1.6 | 1.6 | 1.8 | 1.5 | 0.8 | 0.5 | 0.4 | 0.1 | 0.1 | 0.2 | 1000.0 |
| 87,5° | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
| 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 | 5990 | 39.8 | 41.2 | 40.5 |
| 95 | 241 | 252 | 5683 | 37.3 | 38.6 | 38.0 |
| 90 | 229 | 250 | 5400 | 35.0 | 36.3 | 35.6 |
| 85 | 216 | 248 | 5094 | 32.7 | 33.8 | 33.2 |
| 80 | 203 | 246 | 4787 | 30.4 | 31.4 | 30.9 |
| 75 | 190 | 243 | 4481 | 28.1 | 29.1 | 28.6 |
| 70 | 178 | 241 | 4198 | 26.1 | 27.0 | 26.6 |
| 65 | 165 | 238 | 3891 | 24.0 | 24.8 | 24.4 |
| 60 | 152 | 235 | 3585 | 21.9 | 22.7 | 22.3 |
| 55 | 140 | 232 | 3302 | 20.0 | 20.7 | 20.4 |
| 50 | 127 | 229 | 2995 | 18.0 | 18.7 | 18.4 |
| 45 | 114 | 225 | 2688 | 16.1 | 16.6 | 16.4 |
| 40 | 102 | 221 | 2405 | 14.3 | 14.8 | 14.6 |
| 35 | 89 | 216 | 2099 | 12.5 | 12.9 | 12.7 |
| 30 | 76 | 210 | 1792 | 10.7 | 11.0 | 10.8 |
| 25 | 63 | 203 | 1486 | 8.9 | 9.2 | 9.0 |
| 20 | 51 | 195 | 1203 | 7.3 | 7.5 | 7.4 |
| 15 | 38 | 184 | 896 | 5.6 | 5.8 | 5.7 |
| 10 | 25 | 169 | 590 | 4.0 | 4.1 | 4.0 |
| 9 | 24 | 168 | 566 | 3.8 | 4.0 | 3.9 |

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 | 5990 | 39.4 | 40.5 | 40.0 |
| 95 | 241 | 252 | 5683 | 36.9 | 38.0 | 37.4 |
| 90 | 229 | 250 | 5400 | 34.7 | 35.7 | 35.2 |
| 85 | 216 | 248 | 5094 | 32.4 | 33.4 | 32.9 |
| 80 | 203 | 246 | 4787 | 30.2 | 31.1 | 30.6 |
| 75 | 191 | 244 | 4504 | 28.2 | 29.0 | 28.6 |
| 70 | 178 | 241 | 4197 | 26.1 | 26.7 | 26.4 |
| 65 | 165 | 238 | 3891 | 23.9 | 24.6 | 24.2 |
| 60 | 152 | 235 | 3584 | 21.8 | 22.5 | 22.2 |
| 55 | 140 | 232 | 3301 | 20.0 | 20.5 | 20.2 |
| 50 | 127 | 229 | 2995 | 18.1 | 18.5 | 18.3 |
| 45 | 114 | 225 | 2688 | 16.1 | 16.5 | 16.3 |
| 40 | 102 | 221 | 2405 | 14.3 | 14.7 | 14.5 |
| 35 | 89 | 216 | 2099 | 12.5 | 12.8 | 12.6 |
| 30 | 76 | 210 | 1792 | 10.7 | 11.0 | 10.8 |
| 25 | 64 | 204 | 1509 | 9.0 | 9.2 | 9.1 |
| 20 | 51 | 195 | 1203 | 7.3 | 7.5 | 7.4 |
| 15 | 38 | 184 | 896 | 5.7 | 5.8 | 5.8 |
| 10 | 25 | 169 | 590 | 4.0 | 4.1 | 4.0 |
| 9 | 24 | 168 | 566 | 3.9 | 3.9 | 3.9 |

Photometric test report

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| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
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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 | 5990 | 39.5 | 40.8 | 40.2 |
| 95 | 241 | 252 | 5683 | 37.0 | 38.2 | 37.6 |
| 90 | 229 | 250 | 5400 | 34.8 | 36.0 | 35.4 |
| 85 | 216 | 248 | 5094 | 32.6 | 33.6 | 33.1 |
| 80 | 203 | 246 | 4787 | 30.2 | 31.2 | 30.7 |
| 75 | 191 | 244 | 4504 | 28.2 | 29.1 | 28.6 |
| 70 | 178 | 241 | 4198 | 26.0 | 26.9 | 26.4 |
| 65 | 165 | 238 | 3891 | 23.9 | 24.7 | 24.3 |
| 60 | 152 | 235 | 3584 | 21.9 | 22.5 | 22.2 |
| 55 | 140 | 232 | 3301 | 20.0 | 20.6 | 20.3 |
| 50 | 127 | 229 | 2995 | 18.0 | 18.6 | 18.3 |
| 45 | 114 | 225 | 2688 | 16.1 | 16.6 | 16.4 |
| 40 | 102 | 221 | 2405 | 14.3 | 14.7 | 14.5 |
| 35 | 89 | 216 | 2099 | 12.5 | 12.9 | 12.7 |
| 30 | 76 | 210 | 1792 | 10.7 | 11.0 | 10.8 |
| 25 | 64 | 204 | 1509 | 9.1 | 9.3 | 9.2 |
| 20 | 51 | 195 | 1203 | 7.3 | 7.5 | 7.4 |
| 15 | 38 | 184 | 896 | 5.6 | 5.7 | 5.6 |
| 10 | 25 | 169 | 590 | 4.0 | 4.1 | 4.0 |
| 9 | 24 | 168 | 566 | 3.8 | 3.9 | 3.8 |

Photometric test report

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| Family Streetlight 21 mini LED | Order number: 5XE2E31Y08GB EAN: 4058352910085 | LP number 59077_1286 |
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|----------------------------|---------------|
| Luminousfluxs table | sITeco |
|----------------------------|---------------|

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 5990.0 | 39.8 |
| 5.0 | 5990.0 | 39.4 |
| 15.0 | 5990.0 | 39.5 |