


Photometric test report

| | | |
|--|---|--|
| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| | Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST0.5a) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 2870 lm Power consumption = 19.4 W Luminous efficacy = 147.9 lm/W | serial documentation 16.05.2023 |



Luminous intensity in cd/klm C180-0 C205-25 C207,5-27,5 C270-90 **Imax: 661 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° | 629.6 |
| 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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|---|--|--------------------------------|

Envelope curve in cd/klm **KMK 73°** **KMK 72°** **KMK 71°** **KMK 70°** **siteco**



Photometric test report

| | | |
|--|--|---------------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 0,0° 180,0° | 2,5° 177,5° | 5,0° 175,0° | 7,5° 172,5° | 10,0° 170,0° | 12,5° 167,5° | 15,0° 165,0° | 17,5° 162,5° | 20,0° 160,0° | 22,5° 157,5° | 25,0° 155,0° | 27,5° 152,5° | 30,0° 150,0° | 32,5° 147,5° | 35,0° 145,0° |
|----------|------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 0,0° | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 |
| 2,5° | 308.1 | 308.8 | 309.3 | 310.1 | 310.8 | 311.3 | 311.8 | 312.4 | 312.9 | 313.4 | 313.7 | 314.3 | 314.7 | 315.1 | 316.0 |
| 5,0° | 317.7 | 319.6 | 321.6 | 323.5 | 325.2 | 326.6 | 327.6 | 328.5 | 329.3 | 330.1 | 331.0 | 332.4 | 333.0 | 333.5 | 333.7 |
| 7,5° | 334.5 | 338.4 | 342.1 | 345.1 | 347.7 | 349.5 | 351.2 | 352.4 | 353.7 | 354.6 | 355.3 | 355.6 | 355.6 | 355.3 | 354.8 |
| 10,0° | 351.3 | 358.1 | 364.1 | 369.2 | 373.3 | 376.6 | 379.4 | 381.6 | 383.3 | 384.1 | 384.6 | 384.4 | 383.1 | 381.3 | 378.6 |
| 12,5° | 365.0 | 374.7 | 383.1 | 390.4 | 396.3 | 402.2 | 406.9 | 411.9 | 413.7 | 416.2 | 416.9 | 416.3 | 414.2 | 410.6 | 405.9 |
| 15,0° | 374.3 | 385.3 | 394.7 | 402.2 | 409.1 | 415.6 | 422.0 | 428.1 | 430.4 | 433.1 | 434.2 | 433.6 | 431.6 | 428.4 | 425.3 |
| 17,5° | 366.6 | 377.4 | 386.3 | 393.5 | 400.0 | 406.2 | 412.2 | 417.2 | 419.8 | 421.5 | 421.3 | 419.8 | 417.1 | 413.9 | 411.0 |
| 20,0° | 347.4 | 357.9 | 364.2 | 370.8 | 374.9 | 380.5 | 383.7 | 388.9 | 389.3 | 389.1 | 385.2 | 383.5 | 378.6 | 376.6 | 370.5 |
| 22,5° | 337.6 | 345.7 | 350.7 | 355.3 | 358.9 | 362.7 | 365.0 | 367.5 | 364.6 | 359.8 | 353.3 | 347.3 | 340.8 | 334.2 | 327.2 |
| 25,0° | 343.1 | 350.8 | 356.8 | 361.5 | 366.2 | 369.4 | 371.4 | 370.6 | 365.9 | 359.1 | 351.2 | 342.5 | 333.5 | 323.5 | 313.5 |
| 27,5° | 364.4 | 373.1 | 379.9 | 385.6 | 390.9 | 395.0 | 395.9 | 392.9 | 387.3 | 380.2 | 372.3 | 364.0 | 355.5 | 347.0 | 337.5 |
| 30,0° | 383.2 | 393.7 | 402.4 | 410.0 | 416.8 | 421.5 | 422.0 | 418.2 | 412.2 | 405.2 | 397.5 | 390.2 | 383.3 | 376.7 | 368.4 |
| 32,5° | 389.7 | 403.3 | 414.6 | 425.2 | 434.7 | 440.7 | 441.1 | 437.1 | 431.2 | 424.4 | 417.4 | 411.8 | 406.8 | 402.3 | 396.2 |
| 35,0° | 389.9 | 408.1 | 422.8 | 436.2 | 448.1 | 454.9 | 455.0 | 450.8 | 444.2 | 436.7 | 430.0 | 424.8 | 420.3 | 416.5 | 413.7 |
| 37,5° | 389.4 | 413.4 | 432.2 | 449.5 | 463.9 | 471.1 | 469.9 | 463.8 | 455.5 | 446.4 | 438.5 | 432.1 | 426.8 | 423.8 | 424.8 |
| 40,0° | 389.8 | 420.3 | 443.7 | 464.5 | 480.6 | 487.4 | 485.0 | 477.2 | 466.8 | 455.4 | 445.6 | 437.8 | 432.1 | 430.1 | 433.0 |
| 42,5° | 388.6 | 425.8 | 453.7 | 477.2 | 494.3 | 500.9 | 497.4 | 487.3 | 474.9 | 461.5 | 450.1 | 442.0 | 437.8 | 438.7 | 442.0 |
| 45,0° | 382.6 | 425.9 | 457.7 | 483.1 | 500.5 | 506.7 | 502.1 | 490.3 | 475.2 | 459.4 | 447.1 | 440.8 | 440.7 | 447.7 | 460.0 |
| 46,0° | 378.5 | 424.2 | 457.4 | 483.2 | 500.5 | 506.5 | 501.5 | 489.1 | 472.7 | 455.5 | 442.7 | 437.9 | 441.5 | 453.3 | 469.4 |
| 47,0° | 373.1 | 421.4 | 456.4 | 482.8 | 499.9 | 505.7 | 500.5 | 487.1 | 469.1 | 450.4 | 437.3 | 434.5 | 443.8 | 462.6 | 479.9 |
| 48,0° | 367.7 | 418.5 | 455.1 | 481.8 | 498.7 | 504.2 | 498.6 | 484.5 | 465.0 | 444.9 | 431.9 | 432.0 | 447.1 | 470.0 | 486.0 |
| 49,0° | 361.1 | 414.7 | 453.0 | 480.3 | 496.8 | 502.0 | 496.1 | 481.3 | 460.4 | 439.5 | 427.5 | 431.0 | 450.3 | 474.7 | 489.4 |
| 50,0° | 354.0 | 410.0 | 450.3 | 478.1 | 494.6 | 499.5 | 493.4 | 477.9 | 455.7 | 434.5 | 424.4 | 431.2 | 452.1 | 475.8 | 489.4 |
| 51,0° | 346.9 | 405.0 | 447.1 | 475.4 | 491.9 | 496.9 | 490.7 | 474.6 | 451.6 | 431.0 | 423.2 | 431.9 | 452.4 | 474.4 | 486.6 |
| 52,0° | 338.9 | 399.3 | 443.0 | 472.0 | 488.9 | 494.4 | 488.3 | 471.8 | 448.7 | 429.4 | 423.9 | 432.9 | 450.9 | 469.4 | 480.7 |
| 53,0° | 331.3 | 393.6 | 439.0 | 468.6 | 485.7 | 491.8 | 486.1 | 469.5 | 447.1 | 429.9 | 425.9 | 434.0 | 449.2 | 464.7 | 475.3 |
| 54,0° | 323.8 | 387.7 | 434.4 | 464.5 | 481.9 | 488.6 | 483.7 | 467.9 | 447.1 | 432.0 | 428.6 | 435.2 | 447.5 | 460.6 | 472.2 |
| 55,0° | 315.7 | 381.2 | 429.2 | 459.8 | 477.6 | 485.1 | 481.1 | 466.9 | 448.4 | 435.2 | 431.9 | 436.8 | 446.5 | 458.6 | 472.3 |
| 56,0° | 308.5 | 375.6 | 424.4 | 455.3 | 473.4 | 481.6 | 479.1 | 466.8 | 450.7 | 439.1 | 435.5 | 438.7 | 447.2 | 459.9 | 475.6 |
| 57,0° | 301.2 | 369.6 | 419.0 | 450.0 | 468.5 | 477.8 | 477.1 | 467.3 | 453.6 | 443.4 | 439.3 | 441.4 | 449.8 | 464.8 | 481.3 |
| 58,0° | 294.2 | 363.8 | 413.9 | 445.0 | 463.8 | 474.3 | 475.7 | 468.1 | 456.6 | 447.8 | 443.5 | 445.5 | 455.3 | 472.8 | 489.0 |
| 59,0° | 287.8 | 358.6 | 409.3 | 440.2 | 459.3 | 471.2 | 474.9 | 469.1 | 459.4 | 451.9 | 448.2 | 451.4 | 463.7 | 482.6 | 496.5 |
| 60,0° | 281.2 | 352.9 | 404.1 | 434.7 | 454.0 | 467.9 | 474.1 | 470.1 | 462.0 | 455.9 | 453.5 | 459.6 | 476.1 | 496.8 | 505.2 |
| 61,0° | 275.7 | 348.2 | 399.8 | 430.1 | 449.8 | 465.3 | 473.5 | 471.2 | 464.6 | 460.2 | 459.9 | 469.9 | 489.9 | 509.8 | 510.1 |
| 62,0° | 270.9 | 343.8 | 395.4 | 425.6 | 445.9 | 463.0 | 473.1 | 472.3 | 467.5 | 465.0 | 467.7 | 481.9 | 504.6 | 522.3 | 512.5 |
| 63,0° | 266.1 | 339.3 | 390.7 | 421.0 | 442.6 | 461.3 | 472.8 | 473.6 | 471.0 | 471.0 | 477.7 | 496.8 | 522.5 | 533.2 | 507.7 |
| 64,0° | 262.4 | 336.0 | 386.9 | 417.2 | 439.9 | 460.0 | 472.6 | 475.0 | 475.0 | 478.4 | 490.0 | 513.9 | 539.4 | 539.5 | 498.2 |
| 65,0° | 259.0 | 332.9 | 383.5 | 414.0 | 437.6 | 459.0 | 472.4 | 476.3 | 479.3 | 487.3 | 504.4 | 532.5 | 553.7 | 539.0 | 483.0 |
| 66,0° | 256.6 | 330.6 | 380.9 | 411.6 | 436.4 | 458.8 | 472.5 | 477.9 | 484.3 | 498.3 | 522.3 | 552.6 | 564.1 | 531.2 | 460.2 |
| 67,0° | 255.8 | 329.5 | 378.9 | 409.8 | 435.4 | 457.7 | 472.8 | 480.0 | 490.4 | 511.5 | 543.0 | 572.8 | 569.4 | 519.5 | 439.1 |
| 68,0° | 256.9 | 330.8 | 380.0 | 411.0 | 436.2 | 457.8 | 474.1 | 483.3 | 497.7 | 526.9 | 566.8 | 593.5 | 572.4 | 504.8 | 412.3 |
| 69,0° | 262.1 | 338.0 | 387.8 | 418.7 | 442.0 | 461.6 | 478.2 | 489.1 | 507.1 | 545.2 | 593.9 | 614.9 | 578.0 | 493.5 | 388.3 |
| 70,0° | 273.1 | 354.5 | 405.0 | 437.4 | 458.2 | 475.8 | 488.7 | 500.0 | 521.1 | 567.1 | 619.4 | 629.6 | 577.9 | 474.0 | 361.2 |
| 71,0° | 292.3 | 380.4 | 434.2 | 467.9 | 488.6 | 502.8 | 508.0 | 519.1 | 543.1 | 594.3 | 640.0 | 629.2 | 555.4 | 441.6 | 324.0 |
| 72,0° | 318.8 | 414.0 | 471.3 | 505.8 | 526.0 | 536.5 | 532.9 | 543.9 | 571.9 | 624.9 | 655.4 | 616.0 | 525.2 | 404.9 | 284.4 |

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| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 37,5° 142,5° | 40,0° 140,0° | 42,5° 137,5° | 45,0° 135,0° | 47,5° 132,5° | 50,0° 130,0° | 52,5° 127,5° | 55,0° 125,0° | 57,5° 122,5° | 60,0° 120,0° | 62,5° 117,5° | 65,0° 115,0° | 67,5° 112,5° | 70,0° 110,0° | 72,5° 107,5° |
|----------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 0,0° | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 |
| 2,5° | 316.4 | 316.7 | 317.0 | 317.2 | 317.9 | 318.4 | 318.7 | 318.5 | 318.5 | 318.4 | 318.7 | 319.2 | 319.3 | 319.4 | 319.5 |
| 5,0° | 334.2 | 333.8 | 334.5 | 334.3 | 334.7 | 334.4 | 334.7 | 334.6 | 334.1 | 333.8 | 333.7 | 333.1 | 333.2 | 332.9 | 333.0 |
| 7,5° | 354.1 | 353.4 | 352.6 | 351.5 | 350.2 | 349.0 | 347.8 | 346.0 | 344.7 | 343.2 | 341.8 | 340.5 | 339.2 | 338.1 | 337.0 |
| 10,0° | 376.0 | 372.5 | 369.3 | 365.0 | 361.2 | 357.0 | 352.8 | 349.2 | 345.8 | 342.6 | 339.7 | 337.3 | 335.1 | 333.0 | 331.2 |
| 12,5° | 400.3 | 393.0 | 385.1 | 377.4 | 369.8 | 362.7 | 356.8 | 351.0 | 345.7 | 340.9 | 336.8 | 333.2 | 330.1 | 327.3 | 324.8 |
| 15,0° | 422.3 | 415.9 | 407.6 | 397.9 | 387.0 | 376.0 | 363.8 | 354.9 | 346.8 | 339.9 | 334.1 | 328.9 | 324.4 | 320.5 | 317.1 |
| 17,5° | 407.4 | 403.1 | 399.0 | 393.8 | 387.9 | 380.5 | 368.8 | 359.1 | 348.8 | 339.0 | 330.7 | 323.9 | 318.1 | 313.0 | 308.6 |
| 20,0° | 370.3 | 364.8 | 363.7 | 360.0 | 358.5 | 356.2 | 353.8 | 350.7 | 345.5 | 337.7 | 328.6 | 319.8 | 312.7 | 307.0 | 302.0 |
| 22,5° | 324.7 | 323.4 | 323.0 | 322.5 | 321.8 | 321.3 | 322.5 | 324.0 | 325.5 | 325.9 | 323.2 | 317.2 | 310.3 | 304.4 | 299.7 |
| 25,0° | 305.4 | 299.2 | 294.2 | 291.7 | 291.4 | 293.2 | 296.0 | 298.2 | 301.8 | 306.7 | 311.3 | 312.8 | 311.0 | 307.2 | 303.7 |
| 27,5° | 326.8 | 314.7 | 302.3 | 291.6 | 283.8 | 281.8 | 281.0 | 282.7 | 286.5 | 292.4 | 300.1 | 307.7 | 312.2 | 312.5 | 310.8 |
| 30,0° | 358.5 | 347.3 | 334.9 | 320.1 | 303.0 | 290.1 | 280.6 | 277.6 | 279.6 | 284.8 | 292.6 | 302.7 | 312.5 | 317.9 | 318.4 |
| 32,5° | 390.1 | 383.0 | 373.1 | 358.2 | 338.8 | 317.9 | 298.9 | 286.6 | 282.2 | 285.6 | 293.9 | 304.9 | 316.5 | 325.1 | 327.2 |
| 35,0° | 412.8 | 410.5 | 403.1 | 389.5 | 370.8 | 350.0 | 328.9 | 311.1 | 300.6 | 300.7 | 308.4 | 318.5 | 328.0 | 335.2 | 336.5 |
| 37,5° | 427.9 | 427.9 | 422.2 | 411.3 | 397.0 | 383.4 | 368.5 | 354.5 | 342.9 | 336.3 | 335.0 | 337.3 | 340.2 | 343.0 | 343.2 |
| 40,0° | 436.3 | 435.4 | 431.9 | 430.4 | 432.0 | 428.5 | 419.2 | 404.4 | 384.6 | 363.9 | 348.8 | 341.9 | 339.9 | 340.5 | 341.6 |
| 42,5° | 444.8 | 449.7 | 458.7 | 466.4 | 467.2 | 458.0 | 443.8 | 422.6 | 395.1 | 366.9 | 344.4 | 333.2 | 333.2 | 338.3 | 344.5 |
| 45,0° | 471.7 | 478.6 | 481.0 | 478.9 | 471.1 | 456.3 | 436.7 | 412.4 | 386.5 | 362.1 | 342.3 | 332.2 | 333.6 | 340.1 | 345.4 |
| 46,0° | 481.0 | 485.1 | 483.6 | 476.8 | 465.0 | 448.9 | 429.3 | 406.9 | 383.5 | 360.9 | 341.8 | 330.6 | 329.9 | 335.0 | 339.0 |
| 47,0° | 488.2 | 488.4 | 481.5 | 469.7 | 455.5 | 440.6 | 422.2 | 401.8 | 380.0 | 358.3 | 338.8 | 325.5 | 322.2 | 325.4 | 327.7 |
| 48,0° | 491.2 | 487.6 | 477.3 | 463.5 | 448.9 | 433.2 | 415.5 | 395.8 | 374.3 | 352.4 | 331.6 | 315.9 | 309.3 | 310.1 | 309.7 |
| 49,0° | 491.2 | 484.0 | 471.7 | 457.6 | 443.2 | 426.9 | 408.4 | 387.8 | 365.0 | 342.1 | 319.7 | 302.0 | 292.3 | 290.6 | 287.7 |
| 50,0° | 489.0 | 479.4 | 467.2 | 453.6 | 437.9 | 419.4 | 398.5 | 375.6 | 350.3 | 326.0 | 302.0 | 283.0 | 270.0 | 266.4 | 260.2 |
| 51,0° | 485.7 | 476.5 | 465.0 | 451.1 | 433.6 | 410.2 | 385.4 | 358.9 | 331.0 | 304.9 | 280.3 | 259.6 | 244.7 | 238.2 | 231.8 |
| 52,0° | 482.0 | 475.5 | 463.8 | 447.0 | 425.1 | 397.5 | 367.6 | 337.4 | 307.2 | 280.3 | 255.6 | 234.8 | 218.9 | 211.2 | 203.0 |
| 53,0° | 479.7 | 476.0 | 463.1 | 442.4 | 415.1 | 380.2 | 344.6 | 311.1 | 279.6 | 252.5 | 228.2 | 207.9 | 191.7 | 182.3 | 171.4 |
| 54,0° | 479.7 | 477.0 | 462.4 | 437.7 | 404.0 | 360.0 | 320.0 | 284.8 | 253.0 | 226.4 | 202.9 | 183.2 | 167.5 | 156.5 | 144.4 |
| 55,0° | 482.0 | 478.2 | 458.5 | 424.8 | 380.3 | 334.6 | 292.3 | 256.3 | 224.8 | 199.1 | 176.9 | 158.5 | 143.4 | 132.2 | 120.7 |
| 56,0° | 485.2 | 478.1 | 452.2 | 409.3 | 358.0 | 306.7 | 262.7 | 226.2 | 194.9 | 170.2 | 149.7 | 133.5 | 120.7 | 111.0 | 100.4 |
| 57,0° | 488.5 | 475.9 | 439.7 | 388.7 | 331.1 | 279.3 | 234.3 | 198.3 | 167.4 | 144.5 | 126.3 | 113.0 | 100.6 | 89.9 | 79.7 |
| 58,0° | 490.7 | 468.6 | 421.3 | 362.1 | 301.7 | 250.7 | 205.4 | 170.2 | 140.2 | 120.1 | 103.6 | 91.9 | 79.0 | 71.2 | 63.9 |
| 59,0° | 491.3 | 459.3 | 402.7 | 339.0 | 277.5 | 222.8 | 178.0 | 143.6 | 116.0 | 97.5 | 83.3 | 73.4 | 65.0 | 59.6 | 55.0 |
| 60,0° | 487.7 | 441.4 | 375.6 | 308.4 | 246.1 | 194.9 | 151.0 | 118.8 | 94.3 | 79.1 | 69.2 | 62.4 | 56.3 | 52.0 | 48.7 |
| 61,0° | 479.5 | 421.8 | 350.5 | 281.6 | 219.5 | 167.3 | 125.1 | 96.3 | 76.4 | 65.2 | 58.8 | 54.5 | 50.1 | 46.7 | 44.1 |
| 62,0° | 468.6 | 402.1 | 327.6 | 257.9 | 195.2 | 142.7 | 104.1 | 79.5 | 63.7 | 55.8 | 52.5 | 50.0 | 46.6 | 43.5 | 41.4 |
| 63,0° | 448.5 | 374.0 | 296.7 | 225.8 | 163.9 | 119.3 | 86.3 | 65.8 | 53.8 | 49.6 | 48.7 | 47.1 | 44.1 | 41.2 | 39.2 |
| 64,0° | 429.0 | 349.4 | 271.4 | 199.8 | 140.1 | 98.8 | 71.3 | 54.6 | 46.9 | 45.4 | 45.5 | 44.1 | 41.5 | 38.9 | 37.1 |
| 65,0° | 402.8 | 321.3 | 240.0 | 172.2 | 116.0 | 81.9 | 59.2 | 47.3 | 42.7 | 42.3 | 42.5 | 41.0 | 38.8 | 36.7 | 35.0 |
| 66,0° | 374.2 | 289.5 | 209.3 | 142.9 | 95.4 | 67.0 | 49.8 | 42.3 | 39.4 | 39.3 | 39.5 | 38.2 | 36.0 | 34.5 | 32.9 |
| 67,0° | 348.9 | 262.5 | 182.0 | 120.9 | 79.2 | 54.9 | 43.5 | 39.0 | 36.7 | 36.5 | 36.6 | 35.3 | 33.4 | 31.9 | 30.7 |
| 68,0° | 315.2 | 226.5 | 148.9 | 95.5 | 60.6 | 45.7 | 39.2 | 36.5 | 34.4 | 34.0 | 33.9 | 32.9 | 31.3 | 30.0 | 28.8 |
| 69,0° | 286.1 | 195.6 | 124.1 | 76.6 | 49.3 | 39.1 | 35.9 | 34.3 | 32.0 | 31.4 | 31.7 | 30.8 | 29.0 | 27.9 | 26.9 |
| 70,0° | 252.1 | 165.7 | 100.4 | 61.6 | 41.0 | 35.0 | 33.3 | 32.4 | 29.9 | 29.3 | 29.7 | 28.9 | 27.5 | 26.7 | 25.6 |
| 71,0° | 217.4 | 134.7 | 78.5 | 47.2 | 34.4 | 31.5 | 30.7 | 30.2 | 27.6 | 27.1 | 27.2 | 26.7 | 26.0 | 25.8 | 24.9 |
| 72,0° | 185.4 | 111.2 | 61.4 | 37.3 | 29.8 | 28.3 | 28.1 | 27.9 | 25.7 | 24.9 | 25.0 | 24.6 | 24.6 | 24.6 | 23.7 |

Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 75,0° 105,0° | 77,5° 102,5° | 80,0° 100,0° | 82,5° 97,5° | 85,0° 95,0° | 87,5° 92,5° | 90,0° | 182,5° 357,5° | 185,0° 355,0° | 187,5° 352,5° | 190,0° 350,0° | 192,5° 347,5° | 195,0° 345,0° | 197,5° 342,5° | 200,0° 340,0° |
|----------|------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 0,0° | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 |
| 2,5° | 319.6 | 320.3 | 320.4 | 320.5 | 320.5 | 320.5 | 320.6 | 307.4 | 306.6 | 305.7 | 304.9 | 304.1 | 303.3 | 302.5 | 301.7 |
| 5,0° | 332.8 | 332.3 | 332.4 | 332.0 | 331.9 | 331.9 | 331.6 | 315.8 | 314.0 | 312.2 | 310.1 | 308.0 | 305.9 | 303.8 | 301.9 |
| 7,5° | 335.8 | 334.8 | 333.9 | 333.1 | 332.6 | 332.3 | 332.2 | 330.4 | 326.4 | 322.7 | 319.0 | 315.0 | 311.1 | 307.1 | 303.3 |
| 10,0° | 329.4 | 327.9 | 326.6 | 325.5 | 324.6 | 324.0 | 324.0 | 344.4 | 337.6 | 331.0 | 325.0 | 318.7 | 312.8 | 307.1 | 301.5 |
| 12,5° | 322.6 | 320.6 | 318.8 | 317.3 | 316.2 | 315.1 | 315.2 | 355.2 | 345.5 | 336.4 | 327.9 | 320.0 | 312.5 | 305.2 | 298.1 |
| 15,0° | 314.3 | 311.8 | 309.6 | 307.8 | 306.3 | 305.1 | 304.9 | 362.8 | 351.5 | 341.2 | 332.3 | 324.8 | 316.4 | 308.1 | 300.0 |
| 17,5° | 305.0 | 302.1 | 299.6 | 297.6 | 296.0 | 294.8 | 294.4 | 354.5 | 342.5 | 332.0 | 323.3 | 317.1 | 310.9 | 305.2 | 300.2 |
| 20,0° | 297.9 | 294.7 | 292.3 | 290.3 | 288.9 | 288.1 | 287.9 | 335.9 | 322.0 | 310.8 | 299.8 | 290.8 | 282.7 | 277.5 | 271.8 |
| 22,5° | 296.0 | 293.1 | 291.0 | 289.7 | 289.0 | 288.8 | 288.7 | 326.1 | 311.7 | 297.9 | 284.1 | 271.1 | 259.0 | 247.9 | 233.0 |
| 25,0° | 301.4 | 299.9 | 298.7 | 298.2 | 298.3 | 298.6 | 298.5 | 331.2 | 315.9 | 298.6 | 280.3 | 260.1 | 239.3 | 214.6 | 187.6 |
| 27,5° | 309.2 | 308.4 | 307.6 | 307.3 | 307.4 | 307.9 | 308.1 | 352.2 | 335.4 | 315.0 | 292.1 | 266.2 | 235.2 | 197.2 | 161.6 |
| 30,0° | 316.8 | 315.7 | 314.8 | 314.1 | 313.7 | 314.0 | 314.4 | 369.6 | 351.6 | 329.1 | 302.6 | 270.7 | 231.0 | 186.0 | 152.9 |
| 32,5° | 324.4 | 321.1 | 318.5 | 316.5 | 314.9 | 313.8 | 313.7 | 373.3 | 352.9 | 327.9 | 297.7 | 258.9 | 212.1 | 170.0 | 147.0 |
| 35,0° | 331.2 | 324.6 | 319.6 | 316.2 | 313.4 | 311.3 | 310.4 | 368.2 | 343.5 | 314.5 | 279.1 | 233.0 | 183.4 | 152.3 | 139.8 |
| 37,5° | 337.4 | 328.9 | 322.2 | 317.9 | 314.9 | 312.6 | 311.5 | 360.8 | 330.0 | 296.2 | 252.7 | 199.6 | 157.7 | 138.7 | 135.4 |
| 40,0° | 338.4 | 330.6 | 323.8 | 319.3 | 316.4 | 314.6 | 314.1 | 353.5 | 315.8 | 275.9 | 222.7 | 168.6 | 137.6 | 131.2 | 131.7 |
| 42,5° | 346.2 | 341.7 | 336.4 | 334.0 | 332.2 | 332.0 | 331.2 | 344.6 | 299.7 | 250.6 | 190.5 | 143.5 | 126.1 | 125.5 | 126.0 |
| 45,0° | 346.9 | 342.5 | 338.3 | 336.3 | 336.6 | 336.8 | 336.9 | 331.8 | 280.5 | 222.3 | 160.9 | 124.3 | 117.0 | 118.3 | 120.2 |
| 46,0° | 339.6 | 335.3 | 331.8 | 330.6 | 331.5 | 331.7 | 332.1 | 325.1 | 271.5 | 210.7 | 150.4 | 118.6 | 112.9 | 114.5 | 117.0 |
| 47,0° | 327.4 | 323.1 | 320.0 | 318.5 | 319.7 | 320.3 | 321.0 | 317.3 | 261.5 | 198.6 | 140.4 | 113.4 | 110.0 | 112.1 | 114.3 |
| 48,0° | 307.8 | 302.7 | 300.0 | 298.5 | 300.0 | 300.0 | 301.7 | 309.5 | 251.7 | 187.5 | 132.0 | 108.8 | 106.5 | 109.3 | 110.9 |
| 49,0° | 284.6 | 279.0 | 276.1 | 273.5 | 275.2 | 274.7 | 277.1 | 300.8 | 240.9 | 176.0 | 124.1 | 104.0 | 102.1 | 106.3 | 107.7 |
| 50,0° | 257.2 | 248.9 | 247.1 | 241.0 | 245.0 | 241.1 | 247.2 | 291.3 | 229.9 | 164.9 | 116.7 | 99.4 | 98.7 | 103.4 | 104.4 |
| 51,0° | 226.1 | 216.8 | 210.7 | 203.9 | 204.2 | 201.1 | 204.1 | 282.2 | 219.2 | 154.6 | 110.0 | 95.2 | 94.9 | 99.8 | 100.4 |
| 52,0° | 193.4 | 178.9 | 171.2 | 163.6 | 163.7 | 160.8 | 162.9 | 272.2 | 207.9 | 144.5 | 103.2 | 91.0 | 93.1 | 96.9 | 96.8 |
| 53,0° | 157.3 | 142.6 | 134.9 | 129.0 | 128.7 | 127.0 | 127.7 | 263.1 | 197.8 | 135.9 | 96.6 | 85.8 | 92.5 | 96.3 | 93.9 |
| 54,0° | 130.0 | 116.6 | 110.4 | 106.6 | 106.7 | 105.2 | 105.6 | 254.0 | 187.8 | 127.7 | 89.8 | 77.9 | 80.9 | 90.3 | 91.2 |
| 55,0° | 108.7 | 98.6 | 93.6 | 90.3 | 89.8 | 87.9 | 88.4 | 244.5 | 177.7 | 119.9 | 83.7 | 70.6 | 70.0 | 78.2 | 84.8 |
| 56,0° | 89.1 | 79.9 | 76.0 | 73.7 | 73.4 | 71.8 | 72.5 | 235.9 | 169.1 | 113.3 | 79.2 | 66.5 | 65.4 | 69.3 | 74.6 |
| 57,0° | 72.1 | 66.7 | 64.0 | 62.7 | 62.6 | 61.2 | 61.9 | 227.6 | 160.9 | 107.2 | 75.1 | 63.5 | 62.8 | 65.3 | 67.5 |
| 58,0° | 60.4 | 56.6 | 55.5 | 54.6 | 55.0 | 53.2 | 54.3 | 219.6 | 153.6 | 101.8 | 71.4 | 60.9 | 60.8 | 63.2 | 64.6 |
| 59,0° | 52.4 | 50.1 | 49.2 | 48.8 | 48.9 | 47.7 | 48.1 | 212.3 | 147.1 | 97.1 | 68.2 | 58.8 | 58.8 | 61.2 | 61.8 |
| 60,0° | 47.0 | 45.2 | 44.5 | 44.8 | 44.8 | 44.1 | 44.0 | 205.1 | 140.7 | 92.5 | 65.1 | 56.9 | 57.3 | 59.5 | 59.6 |
| 61,0° | 42.9 | 41.8 | 41.6 | 42.3 | 42.2 | 41.9 | 41.9 | 199.1 | 135.3 | 88.4 | 62.4 | 55.3 | 56.1 | 58.0 | 57.6 |
| 62,0° | 40.5 | 39.5 | 39.5 | 40.3 | 40.4 | 40.0 | 40.0 | 193.8 | 130.0 | 83.9 | 59.4 | 53.5 | 54.7 | 56.4 | 55.3 |
| 63,0° | 38.4 | 37.5 | 37.5 | 38.5 | 38.4 | 38.2 | 38.0 | 187.8 | 122.6 | 77.5 | 55.7 | 51.3 | 53.3 | 54.9 | 53.4 |
| 64,0° | 36.3 | 35.5 | 35.7 | 36.4 | 36.5 | 36.1 | 36.1 | 181.9 | 113.9 | 70.4 | 51.9 | 48.9 | 51.1 | 52.7 | 51.1 |
| 65,0° | 34.3 | 33.6 | 33.9 | 34.5 | 35.1 | 34.1 | 33.8 | 175.7 | 105.1 | 64.0 | 48.3 | 46.1 | 48.2 | 50.1 | 48.5 |
| 66,0° | 32.4 | 31.8 | 32.3 | 32.9 | 33.2 | 31.9 | 31.8 | 171.5 | 98.8 | 59.6 | 45.2 | 43.6 | 46.1 | 47.8 | 46.3 |
| 67,0° | 30.3 | 30.3 | 30.8 | 31.0 | 30.7 | 29.6 | 29.7 | 169.3 | 95.0 | 56.0 | 42.3 | 41.1 | 43.1 | 44.2 | 42.4 |
| 68,0° | 28.5 | 28.7 | 29.1 | 29.0 | 28.2 | 27.5 | 27.6 | 168.9 | 92.3 | 52.6 | 39.2 | 38.3 | 40.7 | 42.0 | 39.7 |
| 69,0° | 26.8 | 26.9 | 26.8 | 26.3 | 25.7 | 25.3 | 25.3 | 171.0 | 91.1 | 49.7 | 36.5 | 35.5 | 37.7 | 38.4 | 36.7 |
| 70,0° | 25.3 | 25.0 | 24.5 | 23.8 | 23.4 | 23.1 | 23.2 | 176.6 | 91.3 | 46.9 | 33.6 | 32.5 | 34.1 | 34.8 | 33.4 |
| 71,0° | 24.0 | 23.1 | 22.3 | 21.5 | 21.3 | 20.8 | 21.2 | 187.1 | 93.6 | 44.6 | 30.8 | 29.5 | 30.4 | 31.1 | 29.9 |
| 72,0° | 22.6 | 21.5 | 20.5 | 19.7 | 19.2 | 18.9 | 19.6 | 202.6 | 97.4 | 43.4 | 29.6 | 27.0 | 26.6 | 27.3 | 26.5 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 202,5° 337,5° | 205,0° 335,0° | 207,5° 332,5° | 210,0° 330,0° | 212,5° 327,5° | 215,0° 325,0° | 217,5° 322,5° | 220,0° 320,0° | 222,5° 317,5° | 225,0° 315,0° | 227,5° 312,5° | 230,0° 310,0° | 232,5° 307,5° | 235,0° 305,0° | 237,5° 302,5° |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 0,0° | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 |
| 2,5° | 300.8 | 300.0 | 299.2 | 298.5 | 297.9 | 297.2 | 296.6 | 295.6 | 295.1 | 294.7 | 293.9 | 293.0 | 292.2 | 291.8 | 291.4 |
| 5,0° | 299.9 | 297.9 | 295.8 | 293.9 | 292.0 | 290.0 | 288.1 | 286.3 | 285.1 | 283.1 | 281.6 | 279.9 | 278.1 | 276.7 | 275.1 |
| 7,5° | 299.3 | 295.5 | 291.9 | 288.2 | 284.6 | 281.2 | 277.8 | 274.5 | 271.1 | 268.5 | 265.5 | 262.6 | 259.7 | 257.0 | 254.2 |
| 10,0° | 295.8 | 290.5 | 285.1 | 279.9 | 274.8 | 269.7 | 264.6 | 259.6 | 254.3 | 250.9 | 245.7 | 240.6 | 235.0 | 228.9 | 224.1 |
| 12,5° | 291.1 | 284.9 | 278.4 | 271.7 | 264.4 | 256.9 | 248.5 | 239.9 | 230.8 | 221.7 | 212.5 | 203.3 | 196.6 | 189.1 | 183.5 |
| 15,0° | 292.0 | 284.1 | 275.3 | 264.8 | 252.6 | 239.9 | 227.6 | 215.3 | 204.7 | 194.9 | 185.8 | 179.6 | 174.4 | 169.4 | 164.7 |
| 17,5° | 294.8 | 286.5 | 271.0 | 256.3 | 241.4 | 227.2 | 214.9 | 204.5 | 195.6 | 187.5 | 180.0 | 172.4 | 165.0 | 157.9 | 151.1 |
| 20,0° | 265.4 | 252.3 | 241.8 | 231.6 | 225.4 | 220.0 | 214.3 | 206.8 | 197.1 | 186.1 | 175.0 | 164.1 | 154.5 | 146.3 | 139.3 |
| 22,5° | 216.2 | 200.7 | 193.5 | 192.2 | 193.9 | 195.8 | 196.1 | 193.8 | 188.2 | 179.8 | 170.0 | 159.5 | 149.6 | 141.1 | 134.0 |
| 25,0° | 165.2 | 153.2 | 152.2 | 156.0 | 159.5 | 162.5 | 164.3 | 165.4 | 165.1 | 163.0 | 158.6 | 152.3 | 144.9 | 136.3 | 127.5 |
| 27,5° | 137.8 | 126.7 | 123.1 | 123.9 | 126.3 | 131.0 | 136.3 | 140.1 | 141.1 | 140.2 | 138.4 | 135.9 | 131.3 | 124.8 | 117.9 |
| 30,0° | 135.2 | 125.1 | 117.8 | 113.7 | 111.8 | 112.0 | 113.5 | 115.5 | 117.7 | 119.5 | 119.7 | 119.0 | 115.4 | 109.3 | 103.7 |
| 32,5° | 135.3 | 128.6 | 124.1 | 119.1 | 114.6 | 109.5 | 105.2 | 102.3 | 101.4 | 101.5 | 101.2 | 98.6 | 96.3 | 94.2 | 91.4 |
| 35,0° | 135.5 | 132.2 | 127.1 | 121.5 | 115.0 | 108.7 | 102.7 | 96.5 | 90.3 | 85.3 | 82.4 | 80.7 | 79.5 | 77.8 | 76.5 |
| 37,5° | 134.1 | 130.4 | 125.7 | 118.9 | 112.1 | 105.3 | 96.7 | 86.7 | 78.5 | 73.7 | 71.1 | 68.9 | 68.4 | 69.0 | 69.6 |
| 40,0° | 130.1 | 126.5 | 120.3 | 113.5 | 106.7 | 96.5 | 84.8 | 76.1 | 70.8 | 67.4 | 65.0 | 63.4 | 62.6 | 62.7 | 63.7 |
| 42,5° | 125.1 | 120.2 | 113.4 | 106.5 | 95.6 | 83.2 | 74.7 | 69.7 | 66.3 | 63.3 | 60.9 | 59.2 | 58.7 | 59.0 | 59.8 |
| 45,0° | 118.4 | 112.1 | 106.0 | 95.2 | 82.0 | 72.8 | 67.7 | 64.4 | 61.8 | 59.8 | 58.1 | 57.0 | 56.4 | 56.3 | 56.7 |
| 46,0° | 114.6 | 108.5 | 101.3 | 89.3 | 77.1 | 69.3 | 65.0 | 62.2 | 60.2 | 58.6 | 57.3 | 56.4 | 55.7 | 55.4 | 55.7 |
| 47,0° | 111.3 | 105.7 | 97.0 | 83.9 | 72.7 | 66.2 | 62.5 | 60.2 | 58.7 | 57.5 | 56.6 | 55.8 | 55.2 | 54.8 | 54.8 |
| 48,0° | 107.4 | 101.8 | 92.1 | 78.9 | 69.0 | 63.5 | 60.4 | 58.6 | 57.5 | 56.6 | 55.8 | 55.2 | 54.6 | 54.2 | 54.1 |
| 49,0° | 103.6 | 97.5 | 86.4 | 73.8 | 65.4 | 60.9 | 58.5 | 57.2 | 56.4 | 55.7 | 55.1 | 54.5 | 53.9 | 53.5 | 53.4 |
| 50,0° | 100.6 | 93.7 | 81.6 | 69.5 | 62.3 | 58.6 | 56.9 | 56.0 | 55.4 | 54.8 | 54.3 | 53.9 | 53.3 | 52.9 | 52.7 |
| 51,0° | 97.0 | 89.0 | 76.0 | 65.2 | 59.5 | 56.7 | 55.5 | 54.8 | 54.3 | 53.9 | 53.5 | 53.1 | 52.6 | 52.2 | 52.1 |
| 52,0° | 93.4 | 84.5 | 71.3 | 61.6 | 57.1 | 55.1 | 54.2 | 53.7 | 53.3 | 53.0 | 52.7 | 52.3 | 51.9 | 51.5 | 51.4 |
| 53,0° | 89.7 | 80.2 | 67.1 | 58.7 | 55.3 | 53.8 | 53.0 | 52.6 | 52.3 | 52.1 | 51.8 | 51.6 | 51.2 | 50.8 | 50.7 |
| 54,0° | 85.9 | 74.6 | 62.3 | 55.9 | 53.6 | 52.4 | 51.8 | 51.5 | 51.3 | 51.1 | 50.8 | 50.6 | 50.3 | 50.1 | 49.9 |
| 55,0° | 82.0 | 70.0 | 58.6 | 53.7 | 52.0 | 51.1 | 50.6 | 50.4 | 50.3 | 50.1 | 49.9 | 49.7 | 49.5 | 49.4 | 49.2 |
| 56,0° | 75.1 | 65.9 | 56.0 | 52.0 | 50.6 | 49.8 | 49.3 | 49.2 | 49.1 | 49.1 | 48.9 | 48.9 | 48.8 | 48.7 | 48.3 |
| 57,0° | 66.5 | 59.5 | 53.1 | 50.4 | 49.2 | 48.5 | 48.1 | 48.0 | 47.9 | 47.9 | 47.9 | 47.9 | 47.8 | 47.8 | 47.5 |
| 58,0° | 61.1 | 53.8 | 50.2 | 48.9 | 47.8 | 47.2 | 46.9 | 46.7 | 46.6 | 46.6 | 46.9 | 46.9 | 46.8 | 46.8 | 46.7 |
| 59,0° | 56.8 | 48.9 | 46.3 | 46.6 | 46.5 | 46.1 | 45.7 | 45.5 | 45.4 | 45.6 | 45.8 | 45.7 | 45.7 | 45.7 | 45.6 |
| 60,0° | 54.0 | 46.5 | 43.7 | 44.1 | 45.1 | 44.9 | 44.5 | 44.2 | 44.2 | 44.4 | 44.6 | 44.7 | 44.6 | 44.7 | 44.6 |
| 61,0° | 51.6 | 44.9 | 42.4 | 42.5 | 43.8 | 43.7 | 43.4 | 43.1 | 43.1 | 43.3 | 43.4 | 43.5 | 43.4 | 43.6 | 43.5 |
| 62,0° | 49.0 | 43.3 | 41.2 | 41.4 | 42.6 | 42.5 | 42.2 | 41.9 | 41.8 | 42.0 | 42.1 | 42.1 | 42.1 | 42.2 | 42.2 |
| 63,0° | 46.9 | 41.9 | 40.4 | 40.8 | 41.5 | 41.3 | 41.0 | 40.8 | 40.6 | 40.7 | 40.8 | 40.8 | 40.8 | 41.0 | 41.0 |
| 64,0° | 44.9 | 40.6 | 39.6 | 40.4 | 40.5 | 40.1 | 39.9 | 39.7 | 39.4 | 39.4 | 39.3 | 39.5 | 39.4 | 39.6 | 39.5 |
| 65,0° | 42.5 | 39.2 | 38.8 | 39.7 | 39.4 | 38.9 | 38.6 | 38.5 | 38.1 | 38.0 | 37.9 | 38.1 | 38.0 | 38.0 | 38.1 |
| 66,0° | 40.7 | 38.1 | 37.7 | 38.7 | 38.3 | 37.7 | 37.4 | 37.2 | 36.8 | 36.5 | 36.4 | 36.6 | 36.4 | 36.5 | 36.7 |
| 67,0° | 38.0 | 36.5 | 36.4 | 37.4 | 37.0 | 36.4 | 36.1 | 35.8 | 35.3 | 35.0 | 34.8 | 34.8 | 34.6 | 34.6 | 34.8 |
| 68,0° | 35.8 | 34.9 | 35.5 | 36.0 | 35.5 | 34.9 | 34.6 | 34.3 | 33.7 | 33.3 | 33.0 | 33.0 | 32.9 | 33.0 | 33.3 |
| 69,0° | 33.4 | 33.3 | 34.5 | 34.8 | 34.0 | 33.3 | 33.0 | 32.7 | 32.1 | 31.6 | 31.2 | 31.2 | 31.1 | 31.2 | 31.5 |
| 70,0° | 30.8 | 31.0 | 32.7 | 33.0 | 32.4 | 31.6 | 31.1 | 30.8 | 30.2 | 29.8 | 29.4 | 29.6 | 29.5 | 29.2 | 29.5 |
| 71,0° | 28.2 | 28.5 | 30.3 | 31.0 | 30.4 | 29.5 | 29.0 | 28.6 | 28.1 | 27.8 | 27.5 | 27.8 | 27.4 | 27.1 | 27.0 |
| 72,0° | 25.4 | 25.9 | 27.1 | 28.0 | 28.0 | 27.2 | 26.5 | 26.2 | 25.9 | 25.8 | 25.6 | 25.6 | 24.8 | 24.6 | 24.4 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 240,0° 300,0° | 242,5° 297,5° | 245,0° 295,0° | 247,5° 292,5° | 250,0° 290,0° | 252,5° 287,5° | 255,0° 285,0° | 257,5° 282,5° | 260,0° 280,0° | 262,5° 277,5° | 265,0° 275,0° | 267,5° 272,5° | 270,0° | Phi-zone | Total Phi-zone |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------------------------|-------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | Luminous flux in lm/klm | |
| 0,0° | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 307.9 | 0.5 | 0.5 |
| 2,5° | 290.8 | 290.1 | 289.6 | 289.3 | 289.0 | 288.5 | 288.4 | 288.3 | 287.9 | 287.7 | 287.4 | 287.7 | 288.1 | 3.7 | 4.1 |
| 5,0° | 273.6 | 272.1 | 271.1 | 269.8 | 268.7 | 268.1 | 267.1 | 266.4 | 265.9 | 265.5 | 265.0 | 264.7 | 264.9 | 7.4 | 11.5 |
| 7,5° | 251.6 | 249.3 | 246.8 | 244.8 | 242.7 | 240.9 | 239.3 | 237.8 | 236.7 | 235.9 | 235.1 | 234.5 | 234.5 | 11.1 | 22.6 |
| 10,0° | 218.0 | 213.6 | 208.8 | 204.6 | 200.9 | 197.3 | 194.4 | 192.0 | 189.7 | 188.2 | 187.0 | 185.9 | 186.6 | 14.5 | 37.1 |
| 12,5° | 178.2 | 173.7 | 169.8 | 166.3 | 163.3 | 160.7 | 158.3 | 156.5 | 154.8 | 153.6 | 152.7 | 151.8 | 152.0 | 17.8 | 54.9 |
| 15,0° | 160.0 | 155.3 | 150.9 | 146.8 | 143.0 | 139.8 | 136.9 | 134.5 | 132.5 | 130.9 | 129.8 | 128.9 | 129.1 | 21.1 | 76.0 |
| 17,5° | 144.9 | 139.3 | 134.3 | 129.9 | 126.2 | 123.0 | 120.3 | 118.0 | 116.2 | 114.9 | 114.0 | 113.4 | 113.1 | 23.8 | 99.8 |
| 20,0° | 133.8 | 129.3 | 125.2 | 121.6 | 118.0 | 114.8 | 111.8 | 109.2 | 107.1 | 105.4 | 104.5 | 103.6 | 103.8 | 25.4 | 125.2 |
| 22,5° | 127.8 | 122.2 | 116.9 | 112.2 | 107.9 | 104.1 | 100.9 | 98.2 | 96.1 | 94.5 | 93.5 | 92.8 | 92.7 | 26.5 | 151.7 |
| 25,0° | 119.2 | 111.8 | 105.9 | 102.0 | 99.3 | 97.4 | 95.6 | 93.7 | 91.7 | 89.9 | 88.7 | 87.8 | 87.7 | 28.0 | 179.7 |
| 27,5° | 110.9 | 104.4 | 98.6 | 94.1 | 90.8 | 88.5 | 86.9 | 85.7 | 84.7 | 83.6 | 82.8 | 82.1 | 82.0 | 30.5 | 210.3 |
| 30,0° | 99.1 | 95.5 | 92.2 | 88.3 | 83.2 | 78.3 | 74.9 | 72.7 | 71.4 | 70.3 | 69.7 | 69.2 | 69.0 | 33.5 | 243.8 |
| 32,5° | 87.0 | 82.3 | 78.2 | 75.1 | 72.7 | 70.9 | 69.5 | 68.4 | 67.5 | 66.7 | 66.3 | 65.8 | 65.8 | 36.6 | 280.4 |
| 35,0° | 75.5 | 74.4 | 72.8 | 70.8 | 69.0 | 67.5 | 66.4 | 65.6 | 64.9 | 64.3 | 64.0 | 63.5 | 63.3 | 39.5 | 319.9 |
| 37,5° | 69.5 | 69.0 | 68.6 | 67.9 | 66.9 | 65.9 | 64.9 | 63.9 | 63.0 | 62.2 | 61.5 | 60.9 | 60.6 | 42.5 | 362.5 |
| 40,0° | 64.9 | 65.5 | 65.7 | 65.4 | 64.7 | 63.4 | 62.3 | 61.2 | 60.5 | 59.7 | 59.0 | 58.2 | 58.2 | 45.4 | 407.9 |
| 42,5° | 60.9 | 61.9 | 62.3 | 62.1 | 61.7 | 61.0 | 60.3 | 59.7 | 58.9 | 58.1 | 57.1 | 56.4 | 56.2 | 48.1 | 456.0 |
| 45,0° | 57.5 | 58.4 | 59.2 | 59.4 | 59.0 | 58.3 | 57.8 | 57.3 | 56.8 | 55.9 | 55.0 | 54.1 | 53.8 | 34.8 | 490.8 |
| 46,0° | 56.4 | 57.3 | 57.9 | 57.9 | 57.7 | 57.4 | 57.3 | 56.9 | 56.2 | 55.4 | 54.4 | 53.5 | 53.2 | 20.1 | 510.9 |
| 47,0° | 55.3 | 56.2 | 56.9 | 57.0 | 57.0 | 57.0 | 56.9 | 56.4 | 55.7 | 54.7 | 53.6 | 52.7 | 52.5 | 20.2 | 531.1 |
| 48,0° | 54.4 | 55.1 | 55.9 | 56.3 | 56.5 | 56.5 | 56.3 | 55.9 | 55.3 | 54.1 | 53.0 | 52.0 | 51.8 | 20.1 | 551.2 |
| 49,0° | 53.6 | 54.2 | 55.1 | 55.7 | 55.8 | 55.9 | 55.8 | 55.3 | 54.6 | 53.3 | 52.1 | 51.1 | 50.9 | 19.9 | 571.2 |
| 50,0° | 52.9 | 53.5 | 54.4 | 55.1 | 55.4 | 55.4 | 55.3 | 54.7 | 53.9 | 52.6 | 51.3 | 50.2 | 49.9 | 19.6 | 590.8 |
| 51,0° | 52.3 | 52.7 | 53.6 | 54.3 | 54.9 | 54.9 | 54.7 | 54.0 | 52.9 | 51.8 | 50.4 | 49.1 | 48.8 | 19.2 | 610.1 |
| 52,0° | 51.6 | 52.1 | 52.8 | 53.8 | 54.4 | 54.3 | 54.0 | 53.1 | 52.1 | 50.8 | 49.2 | 48.0 | 47.6 | 18.7 | 628.8 |
| 53,0° | 50.9 | 51.4 | 52.2 | 53.0 | 53.6 | 53.6 | 53.2 | 52.3 | 51.1 | 49.8 | 48.2 | 46.8 | 46.3 | 18.2 | 647.0 |
| 54,0° | 49.9 | 50.4 | 51.4 | 52.1 | 52.6 | 52.7 | 52.4 | 51.4 | 50.0 | 48.6 | 47.1 | 45.7 | 45.1 | 17.8 | 664.8 |
| 55,0° | 49.2 | 49.8 | 50.6 | 51.3 | 51.8 | 51.7 | 51.5 | 50.5 | 49.1 | 47.5 | 46.0 | 44.5 | 44.2 | 17.3 | 682.1 |
| 56,0° | 48.3 | 48.8 | 49.6 | 50.4 | 50.9 | 50.8 | 50.3 | 49.3 | 48.1 | 46.3 | 45.0 | 43.4 | 43.0 | 16.8 | 698.9 |
| 57,0° | 47.4 | 47.7 | 48.6 | 49.5 | 50.0 | 49.8 | 49.0 | 48.1 | 46.7 | 45.2 | 43.8 | 42.5 | 41.9 | 16.4 | 715.3 |
| 58,0° | 46.5 | 46.5 | 47.3 | 48.3 | 49.1 | 48.7 | 47.9 | 46.8 | 45.4 | 44.0 | 42.8 | 41.5 | 41.0 | 16.0 | 731.4 |
| 59,0° | 45.2 | 45.2 | 45.8 | 46.7 | 47.6 | 47.5 | 46.6 | 45.4 | 44.0 | 42.7 | 41.5 | 40.5 | 40.0 | 15.7 | 747.1 |
| 60,0° | 44.3 | 43.9 | 44.3 | 45.3 | 46.2 | 46.1 | 45.4 | 44.4 | 42.8 | 41.3 | 40.3 | 39.5 | 39.4 | 15.4 | 762.5 |
| 61,0° | 43.1 | 42.6 | 42.8 | 43.8 | 44.7 | 44.8 | 44.3 | 43.4 | 41.7 | 40.0 | 38.9 | 38.3 | 38.4 | 15.2 | 777.6 |
| 62,0° | 41.8 | 41.3 | 41.3 | 42.0 | 42.9 | 43.0 | 42.6 | 41.8 | 40.1 | 38.2 | 37.3 | 36.7 | 36.8 | 15.0 | 792.6 |
| 63,0° | 40.7 | 40.3 | 40.1 | 40.3 | 41.4 | 41.4 | 40.9 | 39.9 | 38.2 | 36.6 | 35.8 | 35.3 | 35.4 | 14.7 | 807.4 |
| 64,0° | 39.5 | 39.1 | 38.9 | 38.9 | 39.5 | 39.1 | 38.8 | 37.6 | 36.3 | 34.7 | 34.2 | 33.8 | 34.1 | 14.5 | 821.9 |
| 65,0° | 38.2 | 38.2 | 37.9 | 37.4 | 37.3 | 36.9 | 36.5 | 35.4 | 34.4 | 32.7 | 32.3 | 31.9 | 32.2 | 14.3 | 836.2 |
| 66,0° | 37.1 | 37.2 | 37.0 | 35.8 | 35.1 | 34.2 | 33.7 | 33.0 | 32.3 | 31.0 | 30.3 | 29.9 | 30.4 | 14.1 | 850.3 |
| 67,0° | 35.6 | 35.7 | 35.0 | 33.4 | 32.1 | 31.3 | 31.1 | 30.6 | 30.2 | 28.9 | 28.0 | 27.5 | 27.8 | 13.9 | 864.2 |
| 68,0° | 34.0 | 33.8 | 32.8 | 31.4 | 30.1 | 28.9 | 28.7 | 28.0 | 27.6 | 26.1 | 25.7 | 25.3 | 25.3 | 13.7 | 877.8 |
| 69,0° | 32.1 | 31.4 | 30.9 | 29.4 | 28.0 | 26.1 | 25.9 | 25.2 | 25.1 | 24.0 | 23.6 | 22.7 | 23.0 | 13.6 | 891.4 |
| 70,0° | 29.5 | 29.5 | 28.8 | 27.2 | 25.5 | 23.5 | 22.8 | 22.7 | 22.0 | 22.2 | 21.4 | 20.4 | 20.5 | 13.6 | 905.0 |
| 71,0° | 27.2 | 27.6 | 26.8 | 24.9 | 22.8 | 20.5 | 19.6 | 20.5 | 19.3 | 20.7 | 18.9 | 18.0 | 18.0 | 13.6 | 918.6 |
| 72,0° | 25.0 | 24.9 | 24.4 | 21.7 | 20.0 | 17.7 | 16.6 | 17.6 | 17.3 | 17.0 | 15.7 | 15.0 | 15.2 | 13.7 | 932.3 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
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| Table of values for luminous intensities | Maximum luminous intensity |
|---|-----------------------------------|

| C-planes | 0,0° 180,0° | 2,5° 177,5° | 5,0° 175,0° | 7,5° 172,5° | 10,0° 170,0° | 12,5° 167,5° | 15,0° 165,0° | 17,5° 162,5° | 20,0° 160,0° | 22,5° 157,5° | 25,0° 155,0° | 27,5° 152,5° | 30,0° 150,0° | 32,5° 147,5° | 35,0° 145,0° |
|----------|-------------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 73,0° | 344.9 | 447.8 | 507.5 | 542.8 | 561.4 | 567.1 | 553.8 | 566.9 | 600.3 | 650.6 | 660.7 | 591.8 | 477.7 | 349.1 | 231.2 |
| 74,0° | 352.2 | 458.6 | 518.1 | 551.3 | 570.9 | 574.4 | 557.7 | 575.6 | 615.5 | 657.3 | 646.7 | 555.6 | 425.9 | 295.7 | 179.8 |
| 75,0° | 324.1 | 422.3 | 480.5 | 511.8 | 538.1 | 546.6 | 531.6 | 556.8 | 602.4 | 629.9 | 604.7 | 507.1 | 371.5 | 222.9 | 117.1 |
| 76,0° | 241.2 | 309.5 | 358.5 | 381.0 | 417.1 | 439.4 | 460.2 | 496.0 | 545.8 | 557.7 | 526.9 | 433.9 | 295.2 | 139.9 | 62.5 |
| 77,0° | 150.2 | 185.1 | 212.0 | 226.8 | 258.3 | 284.6 | 344.4 | 387.7 | 438.0 | 439.6 | 413.4 | 330.6 | 209.0 | 86.4 | 36.0 |
| 78,0° | 84.0 | 97.0 | 114.3 | 117.0 | 139.8 | 156.0 | 222.4 | 262.1 | 304.9 | 299.8 | 280.3 | 205.9 | 112.3 | 39.9 | 21.4 |
| 79,0° | 37.7 | 43.8 | 50.1 | 53.9 | 65.3 | 79.2 | 127.4 | 158.4 | 188.8 | 180.6 | 159.4 | 96.4 | 35.5 | 15.5 | 12.4 |
| 80,0° | 17.0 | 18.5 | 20.7 | 22.2 | 26.3 | 31.9 | 62.5 | 81.1 | 99.6 | 98.2 | 78.1 | 38.2 | 14.5 | 10.2 | 9.7 |
| 81,0° | 8.6 | 9.0 | 9.8 | 10.7 | 12.1 | 13.9 | 26.2 | 30.6 | 37.9 | 40.4 | 30.7 | 14.9 | 8.5 | 7.6 | 7.4 |
| 82,0° | 5.8 | 6.0 | 6.4 | 7.0 | 7.6 | 7.8 | 11.4 | 11.1 | 12.4 | 14.5 | 10.7 | 7.1 | 6.0 | 5.9 | 5.6 |
| 83,0° | 4.4 | 4.4 | 4.8 | 5.1 | 5.4 | 5.5 | 6.2 | 6.0 | 6.5 | 7.5 | 6.5 | 5.0 | 4.4 | 4.7 | 4.9 |
| 84,0° | 3.1 | 3.1 | 3.3 | 3.3 | 3.6 | 3.5 | 3.9 | 3.8 | 4.1 | 4.4 | 4.3 | 3.6 | 3.1 | 3.2 | 3.3 |
| 85,0° | 2.4 | 2.4 | 2.5 | 2.5 | 2.5 | 2.3 | 2.6 | 2.5 | 2.7 | 2.8 | 2.8 | 2.5 | 2.4 | 2.3 | 2.5 |
| 86,0° | 2.0 | 1.8 | 2.0 | 1.8 | 1.8 | 1.8 | 1.9 | 1.8 | 1.9 | 1.8 | 1.9 | 1.7 | 1.6 | 1.5 | 1.6 |
| 87,0° | 1.5 | 1.5 | 1.5 | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.3 | 1.2 | 1.3 | 1.1 | 1.0 | 1.0 | 1.0 |
| 88,0° | 1.3 | 1.3 | 1.2 | 1.0 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.8 | 0.8 |
| 89,0° | 1.0 | 1.0 | 1.0 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 |
| 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 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
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| C-planes | 37,5° 142,5° | 40,0° 140,0° | 42,5° 137,5° | 45,0° 135,0° | 47,5° 132,5° | 50,0° 130,0° | 52,5° 127,5° | 55,0° 125,0° | 57,5° 122,5° | 60,0° 120,0° | 62,5° 117,5° | 65,0° 115,0° | 67,5° 112,5° | 70,0° 110,0° | 72,5° 107,5° |
|--------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 73,0° | 140.1 | 81.8 | 45.1 | 29.6 | 25.7 | 25.7 | 25.8 | 26.0 | 24.1 | 23.0 | 23.0 | 22.6 | 22.9 | 23.0 | 21.9 |
| 74,0° | 96.0 | 52.5 | 31.7 | 24.5 | 22.9 | 23.3 | 23.6 | 24.0 | 22.8 | 21.6 | 21.4 | 21.0 | 21.1 | 20.8 | 20.1 |
| 75,0° | 55.3 | 31.2 | 23.0 | 22.8 | 22.9 | 22.2 | 22.0 | 22.2 | 21.4 | 20.5 | 20.1 | 19.8 | 19.3 | 19.1 | 18.4 |
| 76,0° | 30.4 | 20.5 | 18.7 | 21.3 | 23.3 | 22.2 | 21.7 | 20.9 | 19.6 | 18.9 | 18.2 | 17.9 | 17.3 | 17.2 | 16.5 |
| 77,0° | 20.8 | 16.4 | 15.8 | 16.5 | 18.3 | 20.6 | 21.0 | 20.0 | 18.0 | 17.2 | 16.2 | 15.8 | 15.0 | 14.9 | 14.3 |
| 78,0° | 15.1 | 13.2 | 12.9 | 13.7 | 14.4 | 16.9 | 18.0 | 18.2 | 16.9 | 15.8 | 14.6 | 13.9 | 12.7 | 12.6 | 11.8 |
| 79,0° | 11.2 | 10.6 | 10.6 | 11.5 | 12.5 | 13.4 | 14.0 | 14.9 | 14.5 | 14.0 | 12.5 | 11.7 | 10.5 | 10.4 | 9.3 |
| 80,0° | 8.9 | 8.4 | 8.6 | 9.5 | 10.0 | 10.8 | 10.8 | 11.1 | 11.2 | 11.5 | 10.8 | 9.9 | 8.5 | 8.2 | 7.3 |
| 81,0° | 6.8 | 6.5 | 7.1 | 7.8 | 7.8 | 8.3 | 8.2 | 8.2 | 8.5 | 9.1 | 9.0 | 8.5 | 6.8 | 6.3 | 5.7 |
| 82,0° | 5.5 | 5.0 | 5.3 | 5.9 | 6.2 | 6.2 | 6.2 | 6.3 | 6.5 | 7.2 | 7.4 | 6.8 | 5.3 | 4.7 | 4.3 |
| 83,0° | 4.3 | 4.2 | 4.4 | 4.6 | 4.2 | 4.5 | 4.6 | 4.7 | 4.8 | 5.5 | 5.6 | 5.1 | 4.0 | 3.6 | 3.4 |
| 84,0° | 3.3 | 3.1 | 3.4 | 3.3 | 2.9 | 3.1 | 3.0 | 3.3 | 3.5 | 3.8 | 4.0 | 3.7 | 2.9 | 2.7 | 2.5 |
| 85,0° | 2.3 | 2.3 | 2.6 | 2.1 | 2.1 | 2.1 | 2.0 | 2.2 | 2.2 | 2.6 | 2.5 | 2.4 | 2.0 | 1.9 | 1.8 |
| 86,0° | 1.4 | 1.8 | 1.6 | 1.6 | 1.2 | 1.4 | 1.4 | 1.5 | 1.3 | 1.5 | 1.4 | 1.5 | 1.4 | 1.4 | 1.2 |
| 87,0° | 0.9 | 0.9 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 |
| 88,0° | 0.9 | 0.9 | 0.5 | 0.7 | 0.6 | 0.7 | 0.7 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| 89,0° | 0.5 | 0.5 | 0.5 | 0.4 | 0.8 | 0.5 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 |
| 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 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| | | siteco |

| C-planes | 75,0° 105,0° | 77,5° 102,5° | 80,0° 100,0° | 82,5° 97,5° | 85,0° 95,0° | 87,5° 92,5° | 90,0° | 182,5° 357,5° | 185,0° 355,0° | 187,5° 352,5° | 190,0° 350,0° | 192,5° 347,5° | 195,0° 345,0° | 197,5° 342,5° | 200,0° 340,0° |
|--------------|------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 73,0° | 20.8 | 19.7 | 18.6 | 17.8 | 17.2 | 17.1 | 17.7 | 216.1 | 98.5 | 42.3 | 30.5 | 26.5 | 24.3 | 24.2 | 23.5 |
| 74,0° | 19.3 | 18.2 | 17.0 | 16.1 | 15.5 | 15.3 | 15.6 | 214.2 | 91.6 | 39.1 | 30.0 | 26.7 | 24.1 | 22.1 | 21.4 |
| 75,0° | 18.0 | 16.8 | 15.6 | 14.5 | 13.9 | 13.6 | 13.6 | 185.3 | 74.2 | 32.2 | 26.2 | 24.3 | 21.8 | 19.5 | 18.6 |
| 76,0° | 16.5 | 15.2 | 14.0 | 12.9 | 12.2 | 11.7 | 11.7 | 124.9 | 46.9 | 23.2 | 21.4 | 20.5 | 18.5 | 17.2 | 16.3 |
| 77,0° | 14.2 | 12.9 | 12.0 | 10.9 | 10.2 | 9.7 | 9.7 | 73.0 | 28.3 | 18.2 | 17.7 | 17.2 | 15.9 | 14.9 | 14.4 |
| 78,0° | 11.9 | 10.7 | 10.0 | 9.2 | 8.6 | 7.9 | 8.1 | 38.9 | 19.9 | 17.5 | 15.1 | 14.4 | 13.1 | 12.4 | 12.3 |
| 79,0° | 9.7 | 8.5 | 8.3 | 7.6 | 7.2 | 6.4 | 6.7 | 19.9 | 14.6 | 16.2 | 12.7 | 11.9 | 11.5 | 11.0 | 10.5 |
| 80,0° | 7.5 | 6.9 | 6.4 | 6.0 | 5.6 | 5.1 | 5.1 | 11.3 | 10.3 | 11.9 | 9.8 | 9.5 | 9.3 | 8.9 | 8.6 |
| 81,0° | 5.9 | 5.5 | 5.1 | 4.7 | 4.5 | 4.0 | 4.1 | 7.3 | 7.0 | 7.5 | 7.1 | 7.3 | 7.1 | 7.1 | 6.8 |
| 82,0° | 4.5 | 4.1 | 3.9 | 3.8 | 3.6 | 3.2 | 3.2 | 5.4 | 5.4 | 5.4 | 5.5 | 5.7 | 5.7 | 5.6 | 5.5 |
| 83,0° | 3.3 | 3.1 | 3.0 | 2.9 | 2.8 | 2.5 | 2.5 | 4.2 | 4.3 | 4.2 | 4.3 | 4.3 | 4.0 | 4.1 | 4.2 |
| 84,0° | 2.4 | 2.3 | 2.2 | 2.2 | 2.1 | 2.0 | 2.1 | 3.1 | 3.3 | 3.2 | 3.3 | 3.2 | 3.3 | 3.1 | 3.0 |
| 85,0° | 1.8 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 2.4 | 2.6 | 2.5 | 2.6 | 2.6 | 2.4 | 2.4 | 2.6 |
| 86,0° | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 1.9 | 2.0 | 1.9 | 2.0 | 1.9 | 1.8 | 1.9 | 1.8 |
| 87,0° | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.7 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.5 | 1.3 | 1.4 |
| 88,0° | 0.6 | 0.6 | 0.5 | 0.3 | 0.5 | 0.3 | 0.5 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.4 | 1.3 | 1.1 |
| 89,0° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 0.9 | 0.9 | 0.9 |
| 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 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| | | siteco |

| C-planes | 202,5° 337,5° | 205,0° 335,0° | 207,5° 332,5° | 210,0° 330,0° | 212,5° 327,5° | 215,0° 325,0° | 217,5° 322,5° | 220,0° 320,0° | 222,5° 317,5° | 225,0° 315,0° | 227,5° 312,5° | 230,0° 310,0° | 232,5° 307,5° | 235,0° 305,0° | 237,5° 302,5° |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 73,0° | 22.9 | 23.6 | 24.3 | 25.3 | 25.5 | 24.7 | 24.1 | 23.8 | 23.5 | 23.5 | 23.4 | 23.3 | 22.1 | 22.2 | 22.5 |
| 74,0° | 20.7 | 21.3 | 22.0 | 22.9 | 23.0 | 22.4 | 21.7 | 21.3 | 20.9 | 20.9 | 20.7 | 20.3 | 20.2 | 20.5 | 20.9 |
| 75,0° | 18.0 | 18.1 | 18.8 | 20.0 | 20.4 | 20.0 | 19.2 | 18.7 | 18.2 | 18.0 | 17.7 | 17.8 | 18.2 | 19.2 | 19.4 |
| 76,0° | 15.9 | 15.9 | 16.3 | 17.2 | 17.6 | 17.5 | 16.6 | 16.2 | 15.5 | 15.1 | 15.0 | 15.5 | 15.7 | 16.3 | 16.9 |
| 77,0° | 13.5 | 13.6 | 13.5 | 14.5 | 14.9 | 15.1 | 14.1 | 13.7 | 13.0 | 12.7 | 12.4 | 12.4 | 12.1 | 13.0 | 13.8 |
| 78,0° | 12.0 | 11.5 | 11.5 | 11.9 | 12.3 | 12.7 | 11.7 | 11.3 | 10.6 | 10.3 | 10.0 | 9.7 | 9.7 | 10.2 | 10.5 |
| 79,0° | 10.2 | 9.9 | 9.7 | 9.9 | 10.3 | 10.5 | 9.6 | 9.2 | 8.6 | 8.2 | 7.9 | 7.9 | 7.8 | 8.0 | 8.0 |
| 80,0° | 8.3 | 8.3 | 7.9 | 7.9 | 8.4 | 8.4 | 7.8 | 7.5 | 6.9 | 6.5 | 6.2 | 5.9 | 5.7 | 5.9 | 6.0 |
| 81,0° | 6.8 | 6.5 | 6.5 | 6.4 | 6.6 | 6.7 | 6.3 | 5.9 | 5.4 | 5.0 | 4.7 | 4.5 | 4.2 | 4.3 | 4.4 |
| 82,0° | 5.4 | 5.3 | 5.0 | 5.2 | 5.4 | 5.3 | 5.0 | 4.7 | 4.2 | 3.8 | 3.5 | 3.3 | 3.0 | 3.1 | 3.1 |
| 83,0° | 3.8 | 4.0 | 3.8 | 3.9 | 4.2 | 4.2 | 3.9 | 3.5 | 3.1 | 2.8 | 2.6 | 2.4 | 2.3 | 2.3 | 2.0 |
| 84,0° | 3.1 | 2.9 | 2.9 | 2.9 | 3.1 | 3.1 | 2.9 | 2.5 | 2.2 | 2.0 | 1.9 | 1.8 | 1.6 | 1.6 | 1.5 |
| 85,0° | 2.3 | 2.2 | 2.0 | 2.0 | 2.2 | 2.2 | 2.0 | 1.8 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.1 | 0.8 |
| 86,0° | 1.6 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.4 | 1.3 | 1.1 | 1.1 | 1.0 | 0.8 | 0.8 | 0.7 | 0.7 |
| 87,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.1 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.6 |
| 88,0° | 1.1 | 1.1 | 1.0 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.6 | 0.6 | 0.6 |
| 89,0° | 0.9 | 1.0 | 1.2 | 0.8 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 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 | 0.0 | 0.0 |

| C-planes | 240,0° 300,0° | 242,5° 297,5° | 245,0° 295,0° | 247,5° 292,5° | 250,0° 290,0° | 252,5° 287,5° | 255,0° 285,0° | 257,5° 282,5° | 260,0° 280,0° | 262,5° 277,5° | 265,0° 275,0° | 267,5° 272,5° | 270,0° | Phi-zone | Total Phi-zone |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------------------------|-------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | Luminous flux in lm/klm | |
| 73,0° | 22.9 | 22.8 | 21.9 | 18.7 | 16.7 | 14.7 | 13.4 | 13.8 | 14.1 | 11.9 | 11.6 | 11.3 | 11.7 | 13.7 | 945.9 |
| 74,0° | 21.2 | 20.7 | 19.7 | 15.9 | 12.8 | 11.1 | 10.4 | 10.6 | 11.1 | 9.0 | 8.6 | 8.3 | 8.5 | 13.2 | 959.1 |
| 75,0° | 19.7 | 18.6 | 17.3 | 13.8 | 10.6 | 9.1 | 8.7 | 8.2 | 8.7 | 7.3 | 7.1 | 6.5 | 6.7 | 12.1 | 971.3 |
| 76,0° | 17.0 | 15.9 | 14.3 | 11.8 | 9.5 | 7.7 | 7.2 | 6.5 | 6.7 | 5.4 | 5.0 | 4.6 | 4.6 | 9.9 | 981.2 |
| 77,0° | 14.2 | 12.9 | 11.3 | 8.6 | 7.1 | 6.0 | 5.9 | 4.8 | 4.4 | 3.7 | 3.2 | 2.8 | 3.0 | 7.2 | 988.4 |
| 78,0° | 11.1 | 10.3 | 9.0 | 6.9 | 5.4 | 4.5 | 4.0 | 3.4 | 2.9 | 2.3 | 1.8 | 1.6 | 1.6 | 4.6 | 993.0 |
| 79,0° | 8.5 | 8.0 | 7.4 | 5.5 | 4.2 | 3.6 | 3.1 | 2.4 | 2.1 | 1.5 | 1.2 | 0.9 | 0.9 | 2.7 | 995.7 |
| 80,0° | 6.3 | 5.8 | 5.5 | 4.3 | 3.3 | 2.7 | 2.2 | 1.8 | 1.5 | 1.0 | 0.7 | 0.7 | 0.5 | 1.6 | 997.3 |
| 81,0° | 4.4 | 4.3 | 4.1 | 3.0 | 2.4 | 2.0 | 1.6 | 1.5 | 1.0 | 0.7 | 0.6 | 0.5 | 0.5 | 0.9 | 998.2 |
| 82,0° | 3.0 | 3.0 | 3.2 | 2.2 | 1.8 | 1.4 | 1.2 | 1.0 | 0.9 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 998.7 |
| 83,0° | 1.9 | 2.0 | 1.9 | 1.4 | 1.2 | 0.9 | 0.9 | 0.8 | 0.7 | 0.5 | 0.5 | 0.2 | 0.2 | 0.4 | 999.1 |
| 84,0° | 1.4 | 1.7 | 1.2 | 0.9 | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.3 | 999.4 |
| 85,0° | 1.0 | 1.0 | 1.0 | 0.7 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 999.6 |
| 86,0° | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 999.7 |
| 87,0° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 999.8 |
| 88,0° | 0.5 | 0.5 | 0.5 | 0.5 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 999.9 |
| 89,0° | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 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 | 0.0 | 0.0 | 1000.0 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
| 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 | 2870 | 19.4 | 19.9 | 19.6 |
| 95 | 241 | 252 | 2723 | 18.2 | 18.8 | 18.5 |
| 90 | 229 | 250 | 2588 | 17.2 | 17.7 | 17.4 |
| 85 | 216 | 248 | 2441 | 16.2 | 16.6 | 16.4 |
| 80 | 203 | 246 | 2294 | 15.1 | 15.6 | 15.4 |
| 75 | 190 | 243 | 2147 | 14.2 | 14.6 | 14.4 |
| 70 | 178 | 241 | 2011 | 13.2 | 13.6 | 13.4 |
| 65 | 165 | 238 | 1864 | 12.3 | 12.6 | 12.4 |
| 60 | 152 | 235 | 1717 | 11.3 | 11.6 | 11.4 |
| 55 | 140 | 232 | 1582 | 10.4 | 10.7 | 10.6 |
| 50 | 127 | 229 | 1435 | 9.5 | 9.8 | 9.6 |
| 45 | 114 | 225 | 1288 | 8.6 | 8.8 | 8.7 |
| 40 | 102 | 221 | 1153 | 7.8 | 8.0 | 7.9 |
| 35 | 89 | 216 | 1006 | 6.9 | 7.1 | 7.0 |
| 30 | 76 | 210 | 859 | 6.1 | 6.3 | 6.2 |
| 25 | 63 | 203 | 712 | 5.3 | 5.4 | 5.4 |
| 20 | 51 | 195 | 576 | 4.5 | 4.6 | 4.6 |
| 17 | 42 | 188 | 475 | 4.0 | 4.1 | 4.0 |

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| Dimming levels table | environmental temperature: 5°C |
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| 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 | 2870 | 19.2 | 19.8 | 19.5 |
| 95 | 241 | 252 | 2723 | 18.1 | 18.7 | 18.4 |
| 90 | 229 | 250 | 2588 | 17.2 | 17.7 | 17.4 |
| 85 | 216 | 248 | 2441 | 16.1 | 16.6 | 16.4 |
| 80 | 203 | 246 | 2294 | 15.1 | 15.6 | 15.4 |
| 75 | 190 | 243 | 2147 | 14.1 | 14.5 | 14.3 |
| 70 | 178 | 241 | 2011 | 13.2 | 13.7 | 13.4 |
| 65 | 165 | 238 | 1864 | 12.2 | 12.6 | 12.4 |
| 60 | 152 | 235 | 1718 | 11.3 | 11.6 | 11.4 |
| 55 | 140 | 232 | 1582 | 10.4 | 10.7 | 10.6 |
| 50 | 127 | 229 | 1435 | 9.5 | 9.8 | 9.6 |
| 45 | 114 | 225 | 1288 | 8.6 | 8.9 | 8.8 |
| 40 | 102 | 221 | 1153 | 7.8 | 8.1 | 8.0 |
| 35 | 89 | 216 | 1006 | 6.9 | 7.1 | 7.0 |
| 30 | 76 | 210 | 859 | 6.1 | 6.3 | 6.2 |
| 25 | 63 | 203 | 712 | 5.4 | 5.5 | 5.4 |
| 20 | 51 | 195 | 576 | 4.6 | 4.7 | 4.6 |
| 17 | 42 | 188 | 475 | 4.0 | 4.1 | 4.0 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
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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 | 2870 | 19.2 | 19.8 | 19.5 |
| 95 | 241 | 252 | 2723 | 18.1 | 18.7 | 18.4 |
| 90 | 229 | 250 | 2588 | 17.2 | 17.6 | 17.4 |
| 85 | 216 | 248 | 2441 | 16.1 | 16.6 | 16.4 |
| 80 | 203 | 246 | 2294 | 15.1 | 15.6 | 15.4 |
| 75 | 190 | 243 | 2147 | 14.1 | 14.5 | 14.3 |
| 70 | 178 | 241 | 2011 | 13.2 | 13.6 | 13.4 |
| 65 | 165 | 238 | 1864 | 12.2 | 12.6 | 12.4 |
| 60 | 152 | 235 | 1718 | 11.3 | 11.6 | 11.4 |
| 55 | 140 | 232 | 1582 | 10.4 | 10.7 | 10.6 |
| 50 | 127 | 229 | 1435 | 9.4 | 9.7 | 9.6 |
| 45 | 114 | 225 | 1288 | 8.6 | 8.8 | 8.7 |
| 40 | 102 | 221 | 1153 | 7.8 | 8.0 | 7.9 |
| 35 | 89 | 216 | 1006 | 6.9 | 7.1 | 7.0 |
| 30 | 76 | 210 | 859 | 6.2 | 6.3 | 6.2 |
| 25 | 63 | 203 | 712 | 5.3 | 5.4 | 5.4 |
| 20 | 51 | 195 | 576 | 4.6 | 4.7 | 4.6 |
| 17 | 42 | 188 | 475 | 4.0 | 4.2 | 4.1 |

Photometric test report

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| Family Streetlight 21 micro LED | Order number: 5XE1B31G08CB EAN: 4058352739532 | LP number 59065_1099 |
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Luminousfluxs table **siteco**

| Temperature °C | Luminous flux lm | Power consumption W |
|----------------|------------------|---------------------|
| 25.0 | 2870.0 | 19.4 |
| 5.0 | 2870.0 | 19.2 |
| 15.0 | 2870.0 | 19.2 |