
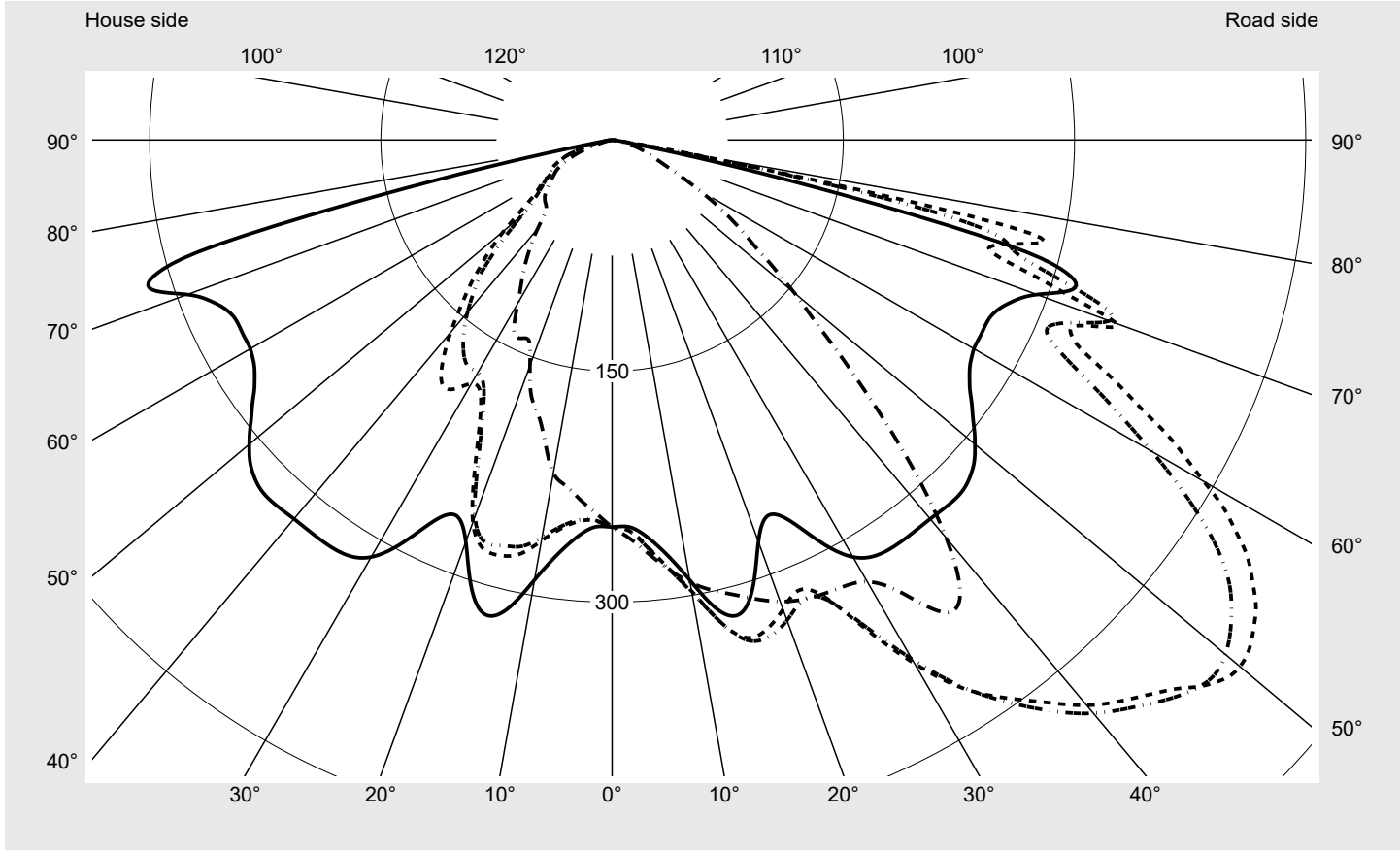


Photometric test report

| | | |
|---|--|--|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| | Version post-top or side-entry mounting, Smart Interface up/down Optic asymmetric, wide distribution (ST0.5a G) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear EVG SITECO iQ - Smart Interface Rated values Net luminous flux = 21550 lm Power consumption = 136.6 W Luminous efficacy = 157.8 lm/W | serial documentation 09.08.2023 |



Luminous intensity in cd/klm C180-0 C210-30 C212,5-32,5 C270-90 **Imax: 532 cd/klm**



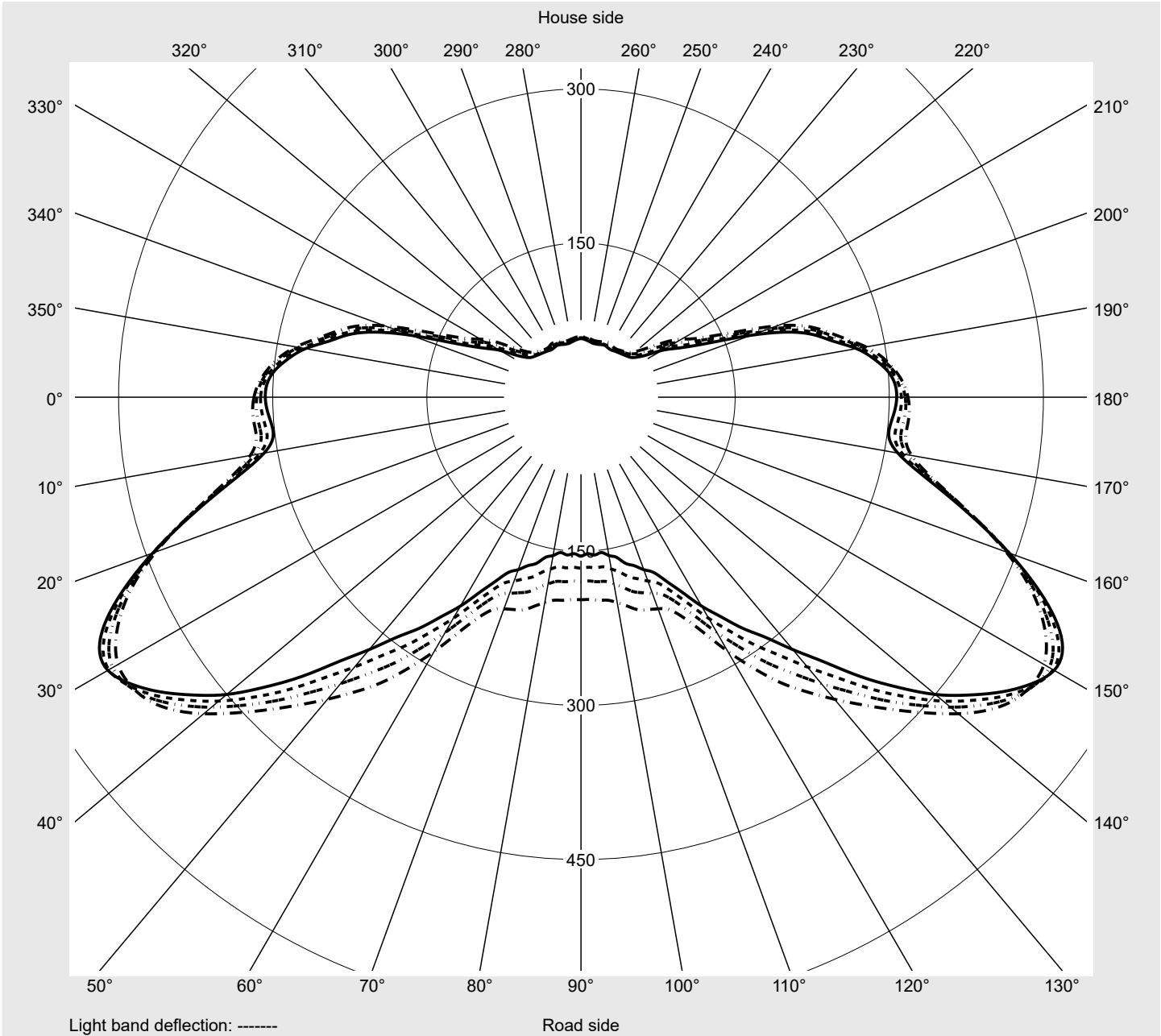
| Luminaire output ratios | |
|---------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |
| Measurement conditions | |
| DIN EN 13032 and DIN 5032 | |

| Luminous intensity class acc. to EN13201-2 | |
|--|-------|
| Class: | G4 |
| Imax 70° | 466.0 |
| Imax 80° | 84.5 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Photometric test report

| | | |
|--|--|-------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
|--|--|-------------------------------|

Envelope curve in cd/klm **KMK 50°** **KMK 49°** **KMK 48°** **KMK 47°** **siteco**



Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| 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° | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 2,5° | 251.4 | 251.6 | 251.8 | 252.0 | 252.2 | 252.5 | 252.7 | 252.9 | 253.1 | 253.4 | 253.5 | 253.8 | 254.0 | 254.1 | 254.3 |
| 5,0° | 258.5 | 259.1 | 259.9 | 260.7 | 261.4 | 261.9 | 262.2 | 262.4 | 262.9 | 263.3 | 263.8 | 264.5 | 265.1 | 265.8 | 266.0 |
| 7,5° | 271.3 | 272.4 | 273.6 | 274.3 | 275.1 | 275.2 | 275.8 | 276.2 | 277.2 | 277.8 | 278.9 | 279.5 | 280.4 | 280.6 | 281.2 |
| 10,0° | 290.0 | 291.7 | 292.5 | 293.3 | 293.3 | 293.7 | 293.8 | 294.8 | 295.2 | 296.2 | 296.6 | 297.4 | 297.4 | 298.3 | 298.3 |
| 12,5° | 311.3 | 313.3 | 313.5 | 314.3 | 313.7 | 314.5 | 314.5 | 316.0 | 316.4 | 317.8 | 318.0 | 319.1 | 319.2 | 319.3 | 319.7 |
| 15,0° | 318.8 | 319.0 | 318.7 | 318.1 | 317.6 | 318.1 | 319.4 | 321.2 | 323.3 | 325.6 | 328.2 | 331.2 | 334.4 | 335.9 | 338.6 |
| 17,5° | 304.0 | 303.9 | 303.0 | 302.2 | 302.2 | 303.6 | 305.8 | 308.9 | 312.5 | 317.0 | 321.9 | 327.5 | 333.1 | 338.1 | 342.9 |
| 20,0° | 277.5 | 279.5 | 278.2 | 279.7 | 280.3 | 283.9 | 286.4 | 291.6 | 295.9 | 303.0 | 309.1 | 317.6 | 324.2 | 331.8 | 337.5 |
| 22,5° | 264.0 | 267.6 | 270.2 | 273.0 | 276.7 | 280.1 | 284.1 | 288.4 | 294.0 | 299.7 | 305.5 | 311.0 | 316.4 | 323.3 | 328.1 |
| 25,0° | 272.6 | 278.4 | 284.8 | 289.0 | 294.6 | 297.4 | 303.0 | 307.0 | 314.1 | 318.1 | 323.3 | 324.9 | 327.7 | 329.1 | 329.6 |
| 27,5° | 295.0 | 303.0 | 310.2 | 315.7 | 320.4 | 324.5 | 330.3 | 337.3 | 345.3 | 352.0 | 357.0 | 359.1 | 358.7 | 356.0 | 352.1 |
| 30,0° | 312.6 | 321.6 | 329.3 | 334.8 | 339.7 | 345.3 | 353.5 | 363.4 | 374.5 | 384.0 | 390.8 | 393.4 | 392.3 | 389.1 | 384.2 |
| 32,5° | 319.6 | 328.7 | 336.2 | 341.5 | 346.5 | 353.7 | 364.6 | 378.0 | 392.2 | 404.9 | 414.2 | 419.5 | 421.4 | 420.1 | 417.0 |
| 35,0° | 321.1 | 329.9 | 336.8 | 341.5 | 346.4 | 355.1 | 368.4 | 384.8 | 401.8 | 417.0 | 428.5 | 436.4 | 441.7 | 445.0 | 445.9 |
| 37,5° | 321.0 | 329.2 | 335.1 | 339.0 | 344.3 | 354.7 | 370.4 | 388.9 | 408.1 | 425.7 | 439.8 | 450.7 | 459.9 | 467.0 | 470.9 |
| 40,0° | 321.1 | 328.1 | 332.6 | 335.4 | 341.2 | 353.8 | 371.8 | 392.6 | 413.9 | 433.7 | 451.2 | 466.8 | 479.0 | 485.8 | 489.2 |
| 42,5° | 322.0 | 327.4 | 330.2 | 331.7 | 338.2 | 353.2 | 373.9 | 397.4 | 421.9 | 445.7 | 466.4 | 482.2 | 493.0 | 499.6 | 503.4 |
| 45,0° | 321.7 | 325.2 | 325.9 | 326.2 | 333.4 | 350.6 | 374.7 | 402.9 | 432.6 | 459.9 | 481.2 | 496.2 | 506.0 | 512.5 | 514.5 |
| 46,0° | 320.4 | 323.0 | 322.9 | 323.1 | 330.8 | 348.8 | 374.6 | 404.9 | 436.7 | 465.0 | 486.8 | 502.2 | 512.4 | 517.0 | 515.5 |
| 47,0° | 318.3 | 319.8 | 318.9 | 318.7 | 326.8 | 346.0 | 374.0 | 406.7 | 440.3 | 469.9 | 493.1 | 510.3 | 520.3 | 520.6 | 514.2 |
| 48,0° | 315.5 | 316.1 | 314.3 | 314.0 | 322.6 | 343.2 | 373.1 | 407.5 | 442.4 | 473.6 | 498.8 | 517.8 | 526.3 | 522.6 | 510.9 |
| 49,0° | 311.8 | 311.1 | 308.7 | 308.2 | 317.7 | 339.8 | 371.5 | 407.1 | 443.4 | 476.8 | 504.5 | 524.3 | 530.6 | 522.1 | 506.0 |
| 50,0° | 307.3 | 305.5 | 302.3 | 302.4 | 313.1 | 336.8 | 369.4 | 405.8 | 443.5 | 478.7 | 508.9 | 528.4 | 531.7 | 519.4 | 500.0 |
| 51,0° | 302.6 | 299.8 | 296.4 | 297.2 | 309.2 | 334.1 | 367.1 | 403.9 | 442.8 | 480.1 | 511.8 | 530.6 | 530.3 | 515.2 | 493.5 |
| 52,0° | 297.4 | 293.5 | 290.1 | 292.2 | 305.7 | 331.6 | 365.0 | 402.3 | 442.5 | 481.8 | 514.3 | 530.3 | 526.6 | 509.6 | 486.2 |
| 53,0° | 292.7 | 288.2 | 284.9 | 288.3 | 303.2 | 330.1 | 363.8 | 401.8 | 443.4 | 483.8 | 515.5 | 527.9 | 521.7 | 503.1 | 477.1 |
| 54,0° | 288.2 | 283.2 | 280.2 | 285.0 | 301.4 | 329.2 | 363.5 | 402.6 | 445.7 | 486.4 | 515.8 | 524.7 | 516.4 | 495.7 | 465.9 |
| 55,0° | 283.4 | 278.2 | 275.8 | 282.2 | 300.2 | 329.3 | 364.6 | 405.4 | 449.7 | 489.9 | 514.5 | 518.9 | 508.3 | 485.8 | 451.7 |
| 56,0° | 279.7 | 274.5 | 272.9 | 280.7 | 300.1 | 330.3 | 366.8 | 409.4 | 454.6 | 493.0 | 512.5 | 512.6 | 499.7 | 473.3 | 435.0 |
| 57,0° | 276.5 | 271.6 | 271.0 | 280.2 | 300.9 | 332.6 | 370.0 | 415.0 | 460.3 | 495.6 | 510.2 | 504.8 | 489.8 | 458.4 | 417.8 |
| 58,0° | 274.0 | 269.6 | 269.9 | 280.6 | 302.6 | 335.7 | 375.0 | 421.7 | 467.1 | 497.5 | 505.6 | 496.5 | 476.1 | 441.5 | 399.8 |
| 59,0° | 272.3 | 268.4 | 269.7 | 281.8 | 305.1 | 339.6 | 380.6 | 429.2 | 473.6 | 498.4 | 500.6 | 486.7 | 462.3 | 423.6 | 381.6 |
| 60,0° | 271.0 | 267.7 | 270.0 | 283.5 | 308.5 | 345.4 | 389.0 | 439.3 | 480.2 | 497.4 | 492.4 | 473.1 | 443.3 | 404.4 | 363.7 |
| 61,0° | 270.6 | 267.5 | 270.6 | 285.5 | 312.1 | 351.4 | 397.6 | 448.8 | 485.1 | 494.7 | 483.7 | 459.2 | 425.6 | 385.0 | 346.3 |
| 62,0° | 270.6 | 267.6 | 271.4 | 287.9 | 316.3 | 358.2 | 407.0 | 458.0 | 489.0 | 491.0 | 474.6 | 445.2 | 408.3 | 366.8 | 330.9 |
| 63,0° | 270.5 | 267.9 | 273.2 | 291.1 | 321.6 | 366.4 | 418.0 | 467.2 | 490.5 | 484.2 | 462.0 | 427.4 | 386.7 | 348.6 | 316.4 |
| 64,0° | 270.4 | 268.7 | 275.7 | 295.6 | 327.7 | 374.6 | 428.6 | 473.9 | 489.8 | 477.0 | 449.7 | 410.9 | 368.6 | 331.5 | 304.6 |
| 65,0° | 271.0 | 270.8 | 279.3 | 302.0 | 335.3 | 384.9 | 439.6 | 479.8 | 487.1 | 467.0 | 436.2 | 391.2 | 350.1 | 317.6 | 297.1 |
| 66,0° | 272.9 | 273.8 | 284.7 | 309.3 | 344.5 | 395.6 | 449.6 | 482.9 | 481.7 | 457.1 | 420.5 | 374.1 | 332.4 | 308.9 | 295.5 |
| 67,0° | 275.8 | 277.6 | 290.5 | 317.8 | 353.5 | 405.6 | 457.2 | 482.8 | 475.7 | 446.4 | 406.8 | 361.1 | 323.7 | 308.7 | 303.1 |
| 68,0° | 280.0 | 283.6 | 299.2 | 329.0 | 364.2 | 415.9 | 463.1 | 478.8 | 466.2 | 433.5 | 393.9 | 353.0 | 322.9 | 317.1 | 320.0 |
| 69,0° | 285.2 | 290.3 | 309.4 | 341.5 | 376.0 | 425.6 | 465.8 | 471.9 | 453.2 | 418.4 | 384.3 | 356.2 | 337.9 | 331.0 | 338.2 |
| 70,0° | 293.3 | 300.8 | 322.8 | 358.3 | 390.0 | 435.5 | 466.0 | 461.7 | 438.8 | 394.0 | 359.3 | 335.9 | 348.2 | 343.3 | 350.0 |
| 71,0° | 304.7 | 313.5 | 340.2 | 376.2 | 407.0 | 443.9 | 462.4 | 451.1 | 422.5 | 374.2 | 327.5 | 302.7 | 319.0 | 340.6 | 352.8 |
| 72,0° | 314.0 | 325.0 | 356.5 | 392.8 | 420.5 | 448.6 | 456.5 | 440.5 | 406.8 | 354.4 | 302.6 | 275.3 | 291.8 | 320.9 | 339.0 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| 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° | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 2,5° | 254.5 | 255.2 | 255.3 | 255.7 | 256.0 | 256.3 | 256.5 | 256.6 | 256.8 | 257.1 | 257.2 | 257.4 | 257.6 | 257.9 | 258.1 |
| 5,0° | 266.8 | 266.8 | 267.7 | 267.7 | 268.1 | 268.3 | 268.3 | 269.0 | 268.7 | 269.2 | 269.1 | 269.1 | 269.6 | 269.3 | 269.8 |
| 7,5° | 281.5 | 281.9 | 282.2 | 282.3 | 282.5 | 282.3 | 282.6 | 282.4 | 282.6 | 282.3 | 282.3 | 282.2 | 282.1 | 282.1 | 281.8 |
| 10,0° | 299.0 | 299.0 | 299.4 | 299.2 | 299.3 | 299.1 | 298.9 | 298.6 | 297.9 | 297.4 | 296.6 | 296.2 | 295.4 | 295.0 | 294.2 |
| 12,5° | 320.1 | 320.4 | 320.2 | 320.1 | 319.1 | 318.7 | 316.9 | 316.2 | 313.9 | 313.0 | 310.8 | 309.6 | 307.6 | 306.3 | 304.8 |
| 15,0° | 340.5 | 342.3 | 342.5 | 342.7 | 341.0 | 339.6 | 336.2 | 333.6 | 329.9 | 327.1 | 324.0 | 321.5 | 318.9 | 316.6 | 314.3 |
| 17,5° | 347.6 | 351.7 | 355.2 | 357.7 | 358.7 | 358.2 | 355.7 | 352.1 | 347.1 | 341.9 | 336.9 | 332.7 | 329.1 | 326.0 | 323.3 |
| 20,0° | 344.0 | 349.0 | 354.3 | 358.3 | 362.0 | 364.4 | 365.8 | 365.4 | 362.8 | 358.1 | 352.0 | 345.7 | 340.3 | 336.0 | 332.6 |
| 22,5° | 333.1 | 337.7 | 342.8 | 347.5 | 352.4 | 356.8 | 361.0 | 364.1 | 366.0 | 365.5 | 362.5 | 356.9 | 350.4 | 344.3 | 339.5 |
| 25,0° | 329.4 | 330.1 | 331.6 | 334.3 | 338.1 | 342.8 | 348.1 | 353.2 | 358.0 | 362.0 | 364.1 | 363.2 | 359.0 | 352.4 | 345.9 |
| 27,5° | 347.1 | 342.4 | 337.9 | 334.9 | 333.7 | 335.2 | 339.0 | 344.3 | 350.0 | 355.4 | 359.9 | 362.5 | 362.1 | 357.5 | 350.6 |
| 30,0° | 377.6 | 370.2 | 362.4 | 355.6 | 350.3 | 346.8 | 345.3 | 346.0 | 348.8 | 352.7 | 356.7 | 360.3 | 362.3 | 360.7 | 355.3 |
| 32,5° | 412.1 | 406.0 | 399.9 | 393.2 | 385.5 | 376.4 | 368.0 | 361.2 | 357.4 | 356.7 | 358.4 | 361.6 | 365.2 | 367.2 | 365.5 |
| 35,0° | 445.2 | 443.0 | 439.0 | 431.9 | 422.2 | 410.4 | 397.9 | 385.7 | 375.9 | 369.9 | 368.9 | 371.8 | 377.7 | 383.7 | 387.2 |
| 37,5° | 472.4 | 471.4 | 467.7 | 461.4 | 453.1 | 442.5 | 429.5 | 414.4 | 399.0 | 386.7 | 380.4 | 380.7 | 385.1 | 390.8 | 393.5 |
| 40,0° | 490.9 | 490.6 | 487.8 | 482.0 | 472.7 | 459.3 | 442.4 | 423.2 | 402.3 | 384.3 | 371.8 | 367.6 | 367.3 | 369.0 | 367.2 |
| 42,5° | 504.6 | 501.5 | 492.9 | 479.9 | 462.7 | 443.9 | 422.9 | 403.6 | 384.1 | 366.5 | 349.1 | 336.5 | 326.0 | 321.7 | 315.5 |
| 45,0° | 509.3 | 495.9 | 476.2 | 454.4 | 432.2 | 412.0 | 393.9 | 376.2 | 354.9 | 330.8 | 303.3 | 280.0 | 264.2 | 258.0 | 254.7 |
| 46,0° | 506.0 | 488.6 | 465.7 | 442.2 | 419.6 | 399.4 | 380.0 | 359.9 | 335.5 | 308.8 | 279.8 | 256.5 | 242.0 | 236.8 | 234.7 |
| 47,0° | 500.0 | 479.3 | 454.7 | 430.1 | 406.2 | 383.7 | 361.6 | 339.3 | 312.9 | 285.7 | 258.2 | 237.0 | 223.7 | 219.2 | 216.7 |
| 48,0° | 492.2 | 469.3 | 443.6 | 417.2 | 389.6 | 363.9 | 338.8 | 315.4 | 289.2 | 264.4 | 240.1 | 220.7 | 208.0 | 203.1 | 199.5 |
| 49,0° | 484.2 | 460.2 | 432.1 | 402.5 | 370.7 | 342.8 | 316.4 | 294.0 | 270.2 | 248.6 | 226.6 | 208.7 | 195.9 | 190.4 | 185.4 |
| 50,0° | 476.1 | 450.1 | 417.7 | 384.5 | 349.1 | 320.7 | 294.4 | 274.7 | 253.3 | 234.8 | 214.4 | 198.1 | 184.6 | 178.7 | 171.9 |
| 51,0° | 467.8 | 437.8 | 401.4 | 364.5 | 328.5 | 299.9 | 276.0 | 257.4 | 239.3 | 222.4 | 204.3 | 188.2 | 175.0 | 167.5 | 160.2 |
| 52,0° | 457.4 | 423.0 | 383.1 | 344.8 | 309.6 | 282.2 | 260.0 | 243.2 | 227.2 | 212.1 | 195.3 | 179.8 | 166.7 | 158.1 | 149.7 |
| 53,0° | 443.8 | 405.3 | 363.8 | 325.7 | 291.9 | 265.9 | 245.7 | 230.6 | 216.0 | 202.5 | 187.0 | 172.3 | 159.0 | 149.4 | 140.7 |
| 54,0° | 428.1 | 387.1 | 345.8 | 309.3 | 277.5 | 253.4 | 234.8 | 220.4 | 207.1 | 195.0 | 180.9 | 166.7 | 153.5 | 143.0 | 133.9 |
| 55,0° | 410.0 | 368.3 | 328.4 | 294.2 | 265.3 | 243.1 | 225.4 | 211.9 | 199.8 | 188.7 | 175.6 | 161.9 | 148.8 | 138.0 | 128.2 |
| 56,0° | 391.1 | 349.9 | 312.1 | 281.0 | 255.2 | 234.3 | 217.6 | 204.9 | 193.5 | 182.9 | 170.4 | 157.5 | 145.2 | 134.1 | 122.3 |
| 57,0° | 373.4 | 333.9 | 298.4 | 271.2 | 247.6 | 228.4 | 212.3 | 199.8 | 188.0 | 177.6 | 165.5 | 153.2 | 138.6 | 125.2 | 112.7 |
| 58,0° | 356.4 | 319.3 | 287.3 | 263.4 | 241.9 | 224.0 | 207.9 | 195.1 | 182.2 | 171.2 | 157.6 | 144.2 | 126.7 | 114.4 | 101.8 |
| 59,0° | 340.7 | 306.5 | 278.8 | 257.3 | 238.1 | 220.4 | 204.2 | 190.2 | 175.6 | 161.9 | 146.1 | 131.3 | 116.0 | 104.2 | 93.4 |
| 60,0° | 325.9 | 296.1 | 272.2 | 253.2 | 235.7 | 217.9 | 200.6 | 184.6 | 166.5 | 150.4 | 134.5 | 120.6 | 106.1 | 94.9 | 84.6 |
| 61,0° | 312.5 | 287.5 | 267.4 | 250.8 | 234.2 | 215.9 | 196.6 | 177.2 | 155.5 | 138.2 | 122.5 | 108.9 | 95.1 | 84.8 | 75.4 |
| 62,0° | 302.1 | 281.5 | 265.0 | 250.0 | 233.6 | 214.3 | 191.9 | 168.6 | 144.8 | 126.9 | 111.2 | 98.0 | 84.9 | 75.4 | 67.0 |
| 63,0° | 293.6 | 277.8 | 264.6 | 250.2 | 233.1 | 211.9 | 185.6 | 158.6 | 133.4 | 115.1 | 99.6 | 86.9 | 74.9 | 66.3 | 59.0 |
| 64,0° | 287.9 | 276.4 | 265.7 | 251.2 | 232.0 | 207.6 | 177.0 | 147.1 | 120.7 | 102.2 | 86.8 | 75.0 | 64.4 | 57.1 | 51.1 |
| 65,0° | 286.2 | 278.1 | 268.2 | 252.3 | 229.3 | 200.7 | 166.8 | 135.7 | 108.3 | 90.0 | 74.9 | 64.5 | 55.2 | 49.5 | 44.7 |
| 66,0° | 290.2 | 283.6 | 272.4 | 252.8 | 224.6 | 191.8 | 155.1 | 123.5 | 95.1 | 77.8 | 63.3 | 54.9 | 46.9 | 43.1 | 38.8 |
| 67,0° | 303.0 | 294.6 | 277.9 | 251.9 | 218.0 | 181.4 | 143.6 | 110.6 | 82.9 | 66.0 | 54.1 | 46.7 | 40.6 | 37.4 | 34.6 |
| 68,0° | 323.3 | 310.3 | 284.7 | 249.4 | 208.9 | 169.9 | 131.3 | 98.3 | 71.0 | 56.0 | 46.4 | 40.5 | 35.8 | 33.6 | 31.4 |
| 69,0° | 341.6 | 325.4 | 290.9 | 245.8 | 198.9 | 157.2 | 118.2 | 85.5 | 59.7 | 47.2 | 40.0 | 35.7 | 32.1 | 30.5 | 28.7 |
| 70,0° | 351.0 | 334.0 | 294.4 | 242.7 | 190.7 | 145.5 | 105.0 | 74.1 | 51.0 | 40.4 | 35.4 | 32.6 | 29.9 | 28.5 | 27.0 |
| 71,0° | 353.1 | 334.3 | 293.7 | 239.1 | 183.2 | 133.0 | 91.3 | 63.9 | 43.1 | 35.1 | 31.9 | 30.2 | 28.2 | 27.2 | 25.7 |
| 72,0° | 340.8 | 321.4 | 280.1 | 228.4 | 172.1 | 118.6 | 79.0 | 54.3 | 37.2 | 30.9 | 29.1 | 27.8 | 26.6 | 25.8 | 24.2 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| 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° | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 2,5° | 258.3 | 258.5 | 258.7 | 258.7 | 258.8 | 258.8 | 258.8 | 251.1 | 250.9 | 250.6 | 250.3 | 250.0 | 249.7 | 249.4 | 248.9 |
| 5,0° | 269.8 | 269.6 | 270.1 | 269.6 | 269.8 | 270.0 | 269.5 | 258.0 | 257.4 | 256.9 | 256.1 | 255.3 | 254.3 | 253.5 | 252.5 |
| 7,5° | 281.9 | 281.5 | 281.5 | 281.3 | 281.2 | 281.3 | 281.0 | 270.1 | 269.2 | 268.1 | 267.0 | 265.5 | 264.1 | 262.5 | 261.0 |
| 10,0° | 293.6 | 292.9 | 292.4 | 292.1 | 291.8 | 291.7 | 291.5 | 288.5 | 286.7 | 285.2 | 283.2 | 281.4 | 278.9 | 276.7 | 274.1 |
| 12,5° | 303.5 | 302.3 | 301.1 | 300.5 | 299.8 | 299.7 | 299.3 | 310.0 | 307.5 | 305.8 | 303.1 | 300.8 | 297.4 | 294.4 | 290.7 |
| 15,0° | 312.2 | 310.3 | 308.6 | 307.3 | 306.3 | 305.8 | 305.5 | 318.1 | 317.0 | 315.8 | 314.3 | 312.5 | 309.9 | 306.7 | 302.7 |
| 17,5° | 320.8 | 318.7 | 316.6 | 314.9 | 313.6 | 312.9 | 312.5 | 303.9 | 303.5 | 303.6 | 303.7 | 303.7 | 302.7 | 301.1 | 298.0 |
| 20,0° | 329.5 | 326.9 | 324.3 | 322.1 | 320.3 | 319.2 | 318.7 | 277.4 | 274.6 | 275.3 | 273.9 | 276.0 | 274.8 | 276.0 | 271.7 |
| 22,5° | 335.5 | 332.4 | 329.5 | 327.1 | 324.9 | 323.4 | 322.8 | 259.3 | 253.9 | 250.2 | 247.3 | 246.9 | 246.2 | 244.7 | 241.5 |
| 25,0° | 340.5 | 336.3 | 332.8 | 329.9 | 327.4 | 325.7 | 325.0 | 263.5 | 254.7 | 246.2 | 239.8 | 235.5 | 230.5 | 225.4 | 223.6 |
| 27,5° | 343.8 | 338.2 | 333.8 | 330.7 | 328.5 | 327.0 | 326.5 | 284.7 | 273.6 | 263.2 | 254.7 | 247.3 | 238.2 | 232.0 | 227.2 |
| 30,0° | 348.2 | 341.9 | 337.0 | 334.0 | 332.2 | 331.4 | 331.0 | 301.9 | 290.7 | 280.5 | 272.3 | 262.9 | 254.7 | 248.5 | 238.0 |
| 32,5° | 360.2 | 355.8 | 351.6 | 349.9 | 348.4 | 348.6 | 347.9 | 309.7 | 300.0 | 291.5 | 283.5 | 274.8 | 268.8 | 260.6 | 246.0 |
| 35,0° | 385.1 | 381.9 | 377.7 | 375.5 | 374.1 | 374.5 | 374.1 | 312.0 | 303.8 | 297.0 | 288.8 | 281.7 | 275.4 | 263.4 | 249.1 |
| 37,5° | 390.5 | 383.7 | 377.4 | 372.6 | 370.8 | 370.4 | 370.9 | 312.5 | 305.2 | 298.7 | 290.6 | 283.5 | 273.8 | 259.9 | 247.4 |
| 40,0° | 362.2 | 352.4 | 345.4 | 339.0 | 337.3 | 335.9 | 337.1 | 313.2 | 306.3 | 298.9 | 290.6 | 281.8 | 268.4 | 254.3 | 243.0 |
| 42,5° | 311.2 | 301.1 | 295.9 | 289.7 | 289.1 | 286.7 | 288.6 | 315.1 | 308.1 | 299.4 | 289.1 | 277.2 | 261.4 | 248.0 | 235.0 |
| 45,0° | 252.5 | 246.7 | 242.1 | 237.9 | 236.9 | 235.4 | 235.5 | 316.0 | 308.4 | 298.9 | 285.9 | 270.6 | 254.2 | 239.7 | 220.5 |
| 46,0° | 232.6 | 227.0 | 222.0 | 217.8 | 216.9 | 215.4 | 215.4 | 315.3 | 307.7 | 297.9 | 284.1 | 267.2 | 250.8 | 235.2 | 212.3 |
| 47,0° | 214.1 | 208.2 | 203.1 | 199.3 | 198.5 | 197.1 | 197.1 | 313.9 | 306.4 | 296.1 | 281.7 | 263.4 | 247.1 | 229.7 | 202.8 |
| 48,0° | 195.9 | 189.6 | 184.6 | 180.8 | 180.3 | 179.0 | 179.6 | 312.0 | 304.7 | 293.9 | 279.1 | 259.8 | 243.5 | 224.0 | 193.7 |
| 49,0° | 181.0 | 174.4 | 169.8 | 166.5 | 166.7 | 165.7 | 166.4 | 309.1 | 302.3 | 291.0 | 276.0 | 255.8 | 239.3 | 217.5 | 184.7 |
| 50,0° | 167.4 | 159.6 | 156.5 | 152.5 | 154.1 | 152.4 | 154.5 | 305.7 | 299.1 | 287.3 | 272.2 | 251.6 | 234.7 | 210.7 | 176.2 |
| 51,0° | 153.5 | 146.0 | 142.0 | 139.4 | 140.5 | 140.4 | 140.9 | 301.9 | 295.3 | 283.0 | 268.0 | 247.0 | 229.5 | 203.9 | 168.4 |
| 52,0° | 141.1 | 133.1 | 130.1 | 128.6 | 130.1 | 129.9 | 130.2 | 297.6 | 291.0 | 277.8 | 262.7 | 241.6 | 223.6 | 196.8 | 161.0 |
| 53,0° | 130.9 | 122.6 | 119.8 | 118.1 | 119.2 | 118.6 | 118.5 | 293.3 | 286.5 | 272.0 | 255.9 | 235.2 | 217.1 | 190.0 | 154.2 |
| 54,0° | 123.7 | 115.2 | 111.8 | 110.1 | 110.8 | 110.1 | 110.2 | 289.1 | 281.9 | 266.2 | 248.3 | 227.2 | 208.9 | 182.0 | 147.2 |
| 55,0° | 118.0 | 109.8 | 105.9 | 103.8 | 104.2 | 103.2 | 103.2 | 284.5 | 277.0 | 260.5 | 241.3 | 219.3 | 199.2 | 172.0 | 139.0 |
| 56,0° | 110.9 | 102.4 | 98.4 | 96.7 | 96.8 | 95.7 | 95.4 | 280.7 | 272.7 | 255.6 | 235.4 | 213.0 | 191.1 | 161.6 | 128.9 |
| 57,0° | 102.6 | 95.2 | 91.9 | 90.2 | 90.1 | 88.6 | 88.5 | 277.2 | 268.6 | 250.5 | 229.7 | 206.7 | 183.9 | 152.1 | 118.2 |
| 58,0° | 94.4 | 87.5 | 85.0 | 82.7 | 83.0 | 80.3 | 81.0 | 274.4 | 265.0 | 246.0 | 224.3 | 200.7 | 176.7 | 144.3 | 109.6 |
| 59,0° | 86.1 | 79.9 | 77.1 | 75.6 | 75.1 | 72.8 | 73.0 | 272.3 | 261.9 | 241.7 | 219.4 | 195.0 | 169.8 | 136.9 | 102.7 |
| 60,0° | 78.0 | 72.0 | 69.8 | 68.6 | 68.0 | 65.4 | 65.6 | 270.6 | 259.0 | 237.5 | 214.4 | 189.3 | 162.7 | 129.3 | 96.0 |
| 61,0° | 69.3 | 63.9 | 62.0 | 61.1 | 60.2 | 57.8 | 58.0 | 269.8 | 257.2 | 234.3 | 210.2 | 184.0 | 156.4 | 122.6 | 89.9 |
| 62,0° | 61.6 | 56.8 | 55.4 | 54.7 | 53.6 | 51.4 | 51.7 | 269.3 | 255.6 | 231.4 | 205.7 | 178.1 | 149.7 | 115.9 | 84.1 |
| 63,0° | 54.4 | 50.5 | 49.5 | 48.9 | 47.5 | 45.9 | 45.9 | 268.5 | 253.0 | 227.3 | 198.8 | 168.6 | 139.9 | 107.9 | 78.4 |
| 64,0° | 47.4 | 44.3 | 43.7 | 43.0 | 41.7 | 40.3 | 40.4 | 267.9 | 249.9 | 221.4 | 188.2 | 152.7 | 123.7 | 95.7 | 72.6 |
| 65,0° | 41.9 | 39.5 | 39.2 | 38.4 | 37.5 | 36.1 | 36.2 | 268.2 | 247.1 | 214.7 | 175.8 | 132.6 | 102.0 | 78.9 | 64.7 |
| 66,0° | 37.2 | 35.1 | 35.5 | 34.5 | 34.0 | 32.5 | 33.0 | 269.3 | 245.8 | 209.9 | 164.1 | 114.6 | 81.9 | 65.2 | 55.6 |
| 67,0° | 33.3 | 32.3 | 32.4 | 31.8 | 30.8 | 29.9 | 30.0 | 271.6 | 246.3 | 206.5 | 154.8 | 100.7 | 68.8 | 55.9 | 48.4 |
| 68,0° | 30.5 | 29.9 | 30.1 | 29.3 | 28.5 | 27.8 | 27.9 | 275.4 | 248.4 | 203.4 | 145.5 | 89.3 | 61.2 | 50.5 | 43.3 |
| 69,0° | 28.2 | 27.7 | 27.6 | 26.7 | 26.1 | 25.6 | 25.7 | 281.3 | 252.5 | 201.3 | 137.0 | 80.0 | 57.0 | 47.2 | 40.0 |
| 70,0° | 26.4 | 25.7 | 25.2 | 24.4 | 23.9 | 23.6 | 23.8 | 290.6 | 259.0 | 199.5 | 127.7 | 71.5 | 53.8 | 44.0 | 37.1 |
| 71,0° | 24.8 | 23.6 | 23.0 | 22.1 | 21.8 | 21.3 | 21.7 | 302.4 | 269.3 | 198.6 | 117.5 | 65.4 | 51.1 | 41.1 | 34.1 |
| 72,0° | 23.1 | 21.9 | 21.0 | 20.1 | 19.6 | 19.3 | 19.7 | 312.8 | 278.4 | 195.4 | 107.3 | 62.3 | 49.3 | 38.5 | 31.3 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| 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° | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 |
| 2,5° | 248.5 | 248.2 | 247.7 | 247.4 | 247.1 | 246.6 | 246.4 | 246.0 | 245.7 | 245.4 | 245.0 | 244.8 | 244.4 | 244.0 | 243.8 |
| 5,0° | 251.7 | 250.7 | 249.4 | 248.5 | 247.6 | 246.7 | 245.8 | 245.0 | 244.1 | 243.3 | 242.5 | 241.7 | 240.8 | 240.1 | 239.3 |
| 7,5° | 259.4 | 257.8 | 255.9 | 254.4 | 253.0 | 251.4 | 249.9 | 248.4 | 246.9 | 245.4 | 244.0 | 242.7 | 241.2 | 239.8 | 238.3 |
| 10,0° | 272.0 | 269.3 | 267.0 | 264.2 | 261.8 | 259.2 | 256.8 | 254.2 | 251.0 | 247.7 | 244.3 | 241.3 | 238.7 | 236.2 | 234.2 |
| 12,5° | 287.1 | 283.0 | 278.9 | 275.2 | 270.1 | 264.7 | 259.6 | 255.2 | 251.4 | 248.2 | 245.3 | 242.3 | 239.3 | 235.6 | 232.1 |
| 15,0° | 298.1 | 292.7 | 286.2 | 279.2 | 272.6 | 267.4 | 262.6 | 258.4 | 253.5 | 247.2 | 240.8 | 233.4 | 227.0 | 220.2 | 214.8 |
| 17,5° | 293.5 | 287.2 | 281.6 | 278.1 | 273.7 | 268.4 | 260.8 | 251.8 | 242.2 | 232.8 | 224.7 | 217.7 | 212.0 | 206.8 | 202.2 |
| 20,0° | 269.2 | 265.6 | 265.8 | 264.0 | 260.1 | 252.8 | 245.2 | 237.0 | 229.9 | 222.7 | 216.0 | 210.0 | 205.0 | 200.1 | 195.3 |
| 22,5° | 241.7 | 241.5 | 239.4 | 233.2 | 227.5 | 222.8 | 219.9 | 218.0 | 216.8 | 215.4 | 212.1 | 206.4 | 199.4 | 191.8 | 184.4 |
| 25,0° | 223.2 | 218.5 | 211.6 | 203.3 | 198.8 | 195.8 | 195.4 | 196.9 | 198.4 | 198.3 | 196.6 | 193.2 | 187.7 | 180.6 | 173.1 |
| 27,5° | 218.3 | 205.8 | 194.7 | 185.1 | 180.4 | 178.4 | 176.8 | 174.2 | 171.6 | 170.3 | 170.7 | 172.4 | 174.2 | 174.9 | 173.6 |
| 30,0° | 222.5 | 207.0 | 193.8 | 182.6 | 174.2 | 164.6 | 155.1 | 147.8 | 144.0 | 144.6 | 149.1 | 156.6 | 165.0 | 171.4 | 173.4 |
| 32,5° | 230.4 | 216.3 | 203.8 | 191.8 | 174.0 | 153.9 | 137.0 | 126.3 | 123.6 | 127.5 | 134.9 | 143.0 | 149.6 | 155.6 | 159.2 |
| 35,0° | 236.2 | 224.9 | 211.8 | 192.5 | 168.0 | 146.3 | 129.8 | 118.7 | 112.9 | 112.0 | 115.0 | 120.7 | 126.5 | 130.5 | 132.9 |
| 37,5° | 236.8 | 224.4 | 204.4 | 180.2 | 158.1 | 141.0 | 127.9 | 116.9 | 106.9 | 98.7 | 94.7 | 95.3 | 98.8 | 104.0 | 109.2 |
| 40,0° | 231.1 | 211.2 | 184.8 | 162.9 | 145.9 | 134.1 | 122.9 | 109.8 | 96.3 | 86.5 | 79.0 | 75.7 | 76.6 | 82.7 | 88.8 |
| 42,5° | 215.3 | 187.2 | 161.8 | 144.2 | 132.4 | 122.2 | 109.1 | 95.8 | 84.2 | 75.0 | 68.5 | 65.6 | 65.5 | 68.3 | 72.9 |
| 45,0° | 190.7 | 161.2 | 139.6 | 127.0 | 117.5 | 104.6 | 91.1 | 80.0 | 71.4 | 66.1 | 63.2 | 61.5 | 60.6 | 60.8 | 62.5 |
| 46,0° | 179.4 | 150.8 | 131.3 | 119.4 | 109.1 | 95.3 | 83.1 | 73.6 | 67.2 | 63.9 | 61.8 | 60.4 | 59.3 | 59.1 | 59.9 |
| 47,0° | 168.1 | 140.9 | 123.2 | 113.0 | 101.5 | 87.5 | 76.6 | 69.0 | 64.5 | 62.3 | 60.7 | 59.5 | 58.4 | 57.9 | 58.1 |
| 48,0° | 157.9 | 132.2 | 115.8 | 106.2 | 92.5 | 80.2 | 70.6 | 65.5 | 62.4 | 60.9 | 59.5 | 58.5 | 57.6 | 57.0 | 56.7 |
| 49,0° | 148.6 | 124.2 | 108.9 | 98.4 | 84.2 | 73.3 | 66.3 | 62.8 | 60.9 | 59.6 | 58.5 | 57.5 | 56.7 | 56.1 | 55.5 |
| 50,0° | 140.6 | 117.0 | 102.6 | 91.3 | 77.2 | 68.4 | 63.4 | 61.0 | 59.6 | 58.4 | 57.5 | 56.7 | 56.0 | 55.2 | 54.5 |
| 51,0° | 133.3 | 110.2 | 96.0 | 82.8 | 70.5 | 64.3 | 60.9 | 59.3 | 58.0 | 57.1 | 56.3 | 55.7 | 54.9 | 54.2 | 53.5 |
| 52,0° | 126.2 | 103.5 | 89.3 | 75.8 | 65.9 | 61.4 | 59.1 | 57.7 | 56.7 | 55.9 | 55.3 | 54.8 | 54.0 | 53.3 | 52.6 |
| 53,0° | 119.8 | 97.1 | 82.9 | 70.2 | 62.7 | 59.4 | 57.5 | 56.4 | 55.5 | 54.8 | 54.2 | 53.6 | 53.0 | 52.5 | 51.8 |
| 54,0° | 113.2 | 90.5 | 76.3 | 64.7 | 59.8 | 57.2 | 55.7 | 54.8 | 54.1 | 53.5 | 53.0 | 52.3 | 51.9 | 51.5 | 50.9 |
| 55,0° | 106.1 | 84.2 | 70.2 | 61.1 | 57.6 | 55.5 | 54.3 | 53.4 | 52.7 | 52.2 | 51.7 | 51.2 | 50.9 | 50.6 | 50.1 |
| 56,0° | 97.9 | 78.3 | 65.0 | 58.3 | 55.4 | 53.9 | 52.6 | 52.2 | 51.4 | 51.0 | 50.4 | 50.2 | 49.9 | 49.7 | 49.2 |
| 57,0° | 87.7 | 71.8 | 60.7 | 55.9 | 53.6 | 52.1 | 51.1 | 50.6 | 50.0 | 49.6 | 49.2 | 49.0 | 48.8 | 48.8 | 48.4 |
| 58,0° | 78.4 | 64.1 | 56.6 | 54.4 | 52.0 | 50.7 | 49.7 | 49.1 | 48.6 | 48.5 | 48.0 | 47.9 | 47.7 | 47.8 | 47.5 |
| 59,0° | 71.7 | 57.4 | 51.9 | 51.6 | 50.3 | 49.2 | 48.2 | 47.4 | 46.9 | 47.0 | 47.0 | 46.7 | 46.6 | 46.8 | 46.7 |
| 60,0° | 66.6 | 53.1 | 48.1 | 48.0 | 48.7 | 47.8 | 46.9 | 46.1 | 45.5 | 45.6 | 45.7 | 45.7 | 45.6 | 45.8 | 45.7 |
| 61,0° | 62.6 | 50.4 | 45.9 | 46.0 | 47.4 | 46.7 | 45.7 | 44.9 | 44.3 | 44.4 | 44.5 | 44.7 | 44.5 | 44.8 | 44.7 |
| 62,0° | 59.1 | 47.9 | 44.4 | 45.1 | 46.0 | 45.3 | 44.3 | 43.7 | 43.1 | 43.0 | 43.1 | 43.3 | 43.3 | 43.7 | 43.5 |
| 63,0° | 55.9 | 45.7 | 43.1 | 44.4 | 44.7 | 44.0 | 43.2 | 42.6 | 42.0 | 41.9 | 42.0 | 42.2 | 42.3 | 42.5 | 42.5 |
| 64,0° | 53.1 | 43.8 | 41.7 | 43.6 | 43.2 | 42.7 | 41.9 | 41.5 | 40.9 | 40.8 | 40.8 | 41.1 | 41.2 | 41.3 | 41.2 |
| 65,0° | 49.9 | 42.0 | 40.4 | 42.3 | 41.9 | 41.3 | 40.7 | 40.5 | 40.0 | 39.8 | 39.7 | 40.2 | 40.3 | 40.0 | 40.1 |
| 66,0° | 46.0 | 40.1 | 39.2 | 41.2 | 40.5 | 40.1 | 39.6 | 39.3 | 38.6 | 38.4 | 38.5 | 38.9 | 39.0 | 38.9 | 38.9 |
| 67,0° | 41.6 | 38.0 | 37.9 | 39.4 | 38.8 | 38.4 | 38.0 | 37.9 | 37.3 | 37.0 | 36.9 | 37.4 | 37.5 | 37.4 | 37.3 |
| 68,0° | 37.9 | 35.8 | 36.5 | 37.5 | 37.0 | 36.8 | 36.6 | 36.5 | 36.0 | 35.6 | 35.5 | 36.1 | 36.4 | 36.1 | 35.8 |
| 69,0° | 35.2 | 33.6 | 34.8 | 35.6 | 35.1 | 35.1 | 34.8 | 35.0 | 34.6 | 34.1 | 33.8 | 34.7 | 34.9 | 34.1 | 33.8 |
| 70,0° | 32.7 | 31.4 | 32.6 | 33.3 | 33.2 | 33.0 | 32.9 | 33.1 | 32.8 | 32.3 | 32.0 | 32.9 | 32.6 | 31.7 | 31.9 |
| 71,0° | 29.9 | 29.1 | 30.1 | 30.9 | 30.9 | 31.0 | 30.9 | 31.0 | 30.7 | 30.4 | 30.3 | 30.9 | 29.9 | 29.4 | 29.6 |
| 72,0° | 27.3 | 26.7 | 27.3 | 28.0 | 27.9 | 28.1 | 27.9 | 28.0 | 28.0 | 28.0 | 27.9 | 28.2 | 27.0 | 26.8 | 26.9 |

Photometric test report

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|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| 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° | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 251.2 | 0.4 | 0.4 |
| 2,5° | 243.4 | 243.3 | 243.0 | 242.8 | 242.8 | 242.5 | 242.5 | 242.4 | 242.1 | 242.4 | 242.1 | 242.1 | 242.3 | 3.0 | 3.4 |
| 5,0° | 238.6 | 237.9 | 237.3 | 236.7 | 236.3 | 235.9 | 235.5 | 235.4 | 235.1 | 234.9 | 234.7 | 234.6 | 234.6 | 6.1 | 9.5 |
| 7,5° | 236.8 | 235.3 | 233.8 | 232.5 | 231.2 | 230.3 | 229.3 | 228.5 | 227.9 | 227.3 | 227.0 | 226.7 | 226.7 | 9.4 | 18.9 |
| 10,0° | 232.2 | 230.4 | 228.8 | 227.3 | 225.9 | 224.6 | 223.4 | 222.3 | 221.4 | 220.6 | 220.2 | 219.6 | 219.6 | 13.0 | 31.9 |
| 12,5° | 227.8 | 224.2 | 220.1 | 216.8 | 213.4 | 210.6 | 208.1 | 205.7 | 204.1 | 202.3 | 201.7 | 200.6 | 200.8 | 16.8 | 48.6 |
| 15,0° | 209.6 | 205.5 | 201.8 | 198.6 | 195.9 | 193.5 | 191.4 | 189.4 | 187.8 | 186.4 | 185.6 | 184.8 | 184.8 | 20.3 | 68.9 |
| 17,5° | 198.1 | 194.4 | 191.2 | 188.2 | 185.6 | 183.4 | 181.3 | 179.2 | 177.5 | 175.9 | 175.0 | 174.2 | 174.2 | 23.4 | 92.3 |
| 20,0° | 190.5 | 185.8 | 181.2 | 176.6 | 172.6 | 168.7 | 165.7 | 162.6 | 160.3 | 157.9 | 156.9 | 155.5 | 155.8 | 25.7 | 118.0 |
| 22,5° | 177.4 | 170.9 | 165.2 | 160.0 | 155.7 | 151.9 | 149.1 | 146.6 | 144.7 | 142.8 | 141.8 | 141.0 | 141.0 | 27.6 | 145.6 |
| 25,0° | 166.7 | 161.7 | 158.0 | 155.0 | 152.6 | 150.4 | 148.5 | 146.8 | 145.3 | 144.0 | 142.8 | 142.1 | 142.0 | 30.1 | 175.8 |
| 27,5° | 170.6 | 166.5 | 162.1 | 157.8 | 153.9 | 150.5 | 147.4 | 144.7 | 142.6 | 140.7 | 139.1 | 138.1 | 137.9 | 33.4 | 209.2 |
| 30,0° | 171.2 | 166.2 | 160.0 | 153.7 | 148.2 | 142.8 | 137.9 | 132.9 | 129.2 | 125.8 | 123.8 | 122.1 | 122.1 | 37.0 | 246.2 |
| 32,5° | 159.3 | 154.0 | 146.2 | 137.1 | 130.5 | 124.6 | 120.6 | 116.8 | 114.3 | 111.8 | 110.6 | 109.2 | 109.4 | 40.6 | 286.8 |
| 35,0° | 134.1 | 133.4 | 129.8 | 123.6 | 117.5 | 112.4 | 108.5 | 105.3 | 102.6 | 100.6 | 99.2 | 98.3 | 98.2 | 44.2 | 330.9 |
| 37,5° | 113.3 | 115.3 | 114.5 | 110.5 | 105.4 | 100.4 | 96.7 | 93.4 | 91.0 | 89.0 | 87.8 | 86.8 | 86.8 | 47.1 | 378.0 |
| 40,0° | 94.4 | 96.6 | 97.6 | 94.4 | 90.9 | 85.9 | 83.0 | 79.7 | 78.3 | 76.2 | 75.9 | 74.7 | 75.2 | 48.5 | 426.5 |
| 42,5° | 77.4 | 79.8 | 79.8 | 77.7 | 74.6 | 71.2 | 68.7 | 66.9 | 65.9 | 65.0 | 64.6 | 64.4 | 64.5 | 48.6 | 475.1 |
| 45,0° | 65.0 | 66.5 | 66.1 | 64.0 | 61.6 | 59.9 | 59.1 | 58.9 | 59.3 | 59.6 | 60.0 | 60.3 | 60.5 | 33.2 | 508.4 |
| 46,0° | 61.4 | 62.3 | 61.8 | 60.0 | 58.7 | 58.0 | 57.7 | 57.7 | 58.2 | 58.7 | 59.2 | 59.6 | 59.8 | 18.9 | 527.3 |
| 47,0° | 59.0 | 59.5 | 58.9 | 58.1 | 57.5 | 56.9 | 56.6 | 56.6 | 57.2 | 57.8 | 58.5 | 59.0 | 59.3 | 18.7 | 546.0 |
| 48,0° | 57.2 | 57.3 | 57.3 | 56.9 | 56.4 | 55.7 | 55.6 | 55.6 | 56.3 | 56.9 | 57.7 | 58.2 | 58.7 | 18.5 | 564.5 |
| 49,0° | 55.7 | 56.0 | 56.3 | 55.9 | 55.3 | 54.8 | 54.7 | 54.7 | 55.3 | 56.0 | 56.9 | 57.5 | 57.9 | 18.2 | 582.7 |
| 50,0° | 54.5 | 55.0 | 55.5 | 55.2 | 54.6 | 53.9 | 53.7 | 53.7 | 54.4 | 55.1 | 55.9 | 56.6 | 57.0 | 18.0 | 600.7 |
| 51,0° | 53.4 | 53.8 | 54.5 | 54.5 | 53.9 | 53.0 | 52.7 | 52.7 | 53.2 | 54.0 | 54.8 | 55.5 | 55.8 | 17.7 | 618.4 |
| 52,0° | 52.5 | 52.7 | 53.3 | 53.8 | 53.3 | 52.4 | 51.8 | 51.6 | 52.0 | 52.7 | 53.4 | 54.1 | 54.4 | 17.5 | 635.9 |
| 53,0° | 51.5 | 51.7 | 52.1 | 52.5 | 52.6 | 51.7 | 50.9 | 50.5 | 50.7 | 51.2 | 52.0 | 52.6 | 52.9 | 17.2 | 653.1 |
| 54,0° | 50.5 | 50.5 | 51.0 | 51.0 | 51.1 | 50.8 | 50.1 | 49.5 | 49.4 | 49.8 | 50.5 | 51.0 | 51.3 | 17.0 | 670.1 |
| 55,0° | 49.6 | 49.5 | 50.0 | 50.0 | 49.9 | 49.6 | 49.4 | 48.9 | 48.3 | 48.4 | 49.1 | 49.6 | 49.9 | 16.8 | 686.8 |
| 56,0° | 48.8 | 48.5 | 48.9 | 48.9 | 48.6 | 48.1 | 48.3 | 47.8 | 47.3 | 47.0 | 47.8 | 48.1 | 48.5 | 16.5 | 703.4 |
| 57,0° | 47.9 | 47.6 | 47.7 | 47.8 | 47.5 | 46.9 | 46.6 | 46.5 | 46.0 | 45.6 | 46.5 | 46.9 | 46.9 | 16.3 | 719.7 |
| 58,0° | 47.0 | 46.5 | 46.5 | 46.6 | 46.6 | 45.9 | 45.3 | 44.9 | 44.5 | 44.3 | 45.2 | 45.7 | 45.5 | 16.1 | 735.8 |
| 59,0° | 46.1 | 45.2 | 45.2 | 45.4 | 45.5 | 44.8 | 44.1 | 43.5 | 43.0 | 42.9 | 44.1 | 44.7 | 44.0 | 15.9 | 751.7 |
| 60,0° | 45.1 | 44.1 | 44.1 | 44.2 | 44.3 | 43.8 | 43.2 | 42.4 | 41.8 | 42.0 | 43.7 | 43.9 | 42.9 | 15.6 | 767.3 |
| 61,0° | 44.1 | 43.2 | 42.8 | 43.2 | 43.1 | 42.8 | 42.2 | 41.3 | 40.6 | 40.7 | 42.0 | 42.3 | 41.7 | 15.4 | 782.7 |
| 62,0° | 43.0 | 42.2 | 41.7 | 41.8 | 42.0 | 41.5 | 41.1 | 40.3 | 39.3 | 39.0 | 39.9 | 40.2 | 40.1 | 15.2 | 797.9 |
| 63,0° | 42.1 | 41.3 | 40.8 | 40.6 | 40.8 | 40.2 | 39.8 | 39.1 | 38.0 | 37.5 | 38.0 | 38.3 | 38.4 | 15.0 | 812.9 |
| 64,0° | 41.1 | 40.4 | 39.9 | 39.5 | 39.6 | 38.7 | 38.3 | 37.4 | 36.7 | 35.6 | 36.2 | 36.2 | 36.7 | 14.7 | 827.5 |
| 65,0° | 40.2 | 39.9 | 39.3 | 38.8 | 38.4 | 37.1 | 36.4 | 35.6 | 34.6 | 33.3 | 33.6 | 33.7 | 34.2 | 14.4 | 841.9 |
| 66,0° | 39.5 | 39.2 | 38.9 | 38.4 | 36.8 | 34.7 | 34.0 | 33.0 | 32.0 | 31.0 | 31.1 | 31.2 | 31.9 | 14.1 | 856.1 |
| 67,0° | 38.3 | 38.5 | 38.3 | 37.0 | 33.9 | 31.7 | 31.2 | 30.4 | 29.7 | 28.3 | 28.5 | 28.6 | 29.2 | 14.0 | 870.0 |
| 68,0° | 36.5 | 37.3 | 37.8 | 34.5 | 31.1 | 28.9 | 28.7 | 27.6 | 27.1 | 25.5 | 25.8 | 25.7 | 26.3 | 13.9 | 883.9 |
| 69,0° | 34.9 | 35.9 | 35.7 | 30.9 | 27.9 | 25.4 | 25.4 | 24.7 | 24.6 | 23.4 | 23.6 | 22.9 | 23.8 | 13.9 | 897.8 |
| 70,0° | 33.0 | 34.2 | 32.2 | 27.4 | 24.6 | 22.9 | 22.4 | 22.2 | 22.3 | 21.5 | 21.0 | 20.3 | 20.8 | 13.8 | 911.6 |
| 71,0° | 30.6 | 31.8 | 28.3 | 23.8 | 22.1 | 20.0 | 19.4 | 19.4 | 20.0 | 19.5 | 18.3 | 17.5 | 17.6 | 13.6 | 925.1 |
| 72,0° | 28.0 | 27.2 | 24.1 | 20.1 | 18.6 | 17.2 | 16.4 | 16.3 | 17.3 | 16.1 | 15.3 | 14.7 | 15.0 | 13.2 | 938.3 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
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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° | 314.2 | 327.1 | 363.0 | 397.4 | 422.7 | 442.9 | 443.9 | 424.6 | 388.6 | 334.2 | 283.3 | 254.4 | 265.4 | 296.9 | 310.4 |
| 74,0° | 302.3 | 315.4 | 351.4 | 383.4 | 407.0 | 421.3 | 422.6 | 404.3 | 368.4 | 319.2 | 278.5 | 252.6 | 254.3 | 276.8 | 278.8 |
| 75,0° | 271.9 | 282.4 | 317.5 | 348.3 | 373.3 | 382.5 | 388.8 | 372.7 | 343.4 | 304.4 | 279.4 | 261.8 | 262.3 | 267.5 | 251.6 |
| 76,0° | 203.4 | 205.7 | 235.6 | 259.9 | 289.7 | 298.9 | 320.0 | 312.0 | 301.5 | 279.0 | 270.4 | 271.0 | 278.1 | 258.7 | 216.4 |
| 77,0° | 127.7 | 125.1 | 141.5 | 158.4 | 183.6 | 190.1 | 209.0 | 211.9 | 225.2 | 227.5 | 246.7 | 272.1 | 287.2 | 232.7 | 167.6 |
| 78,0° | 69.4 | 62.5 | 74.1 | 81.0 | 106.1 | 107.6 | 125.5 | 119.8 | 140.1 | 148.2 | 182.4 | 203.3 | 237.4 | 175.8 | 116.2 |
| 79,0° | 29.2 | 27.1 | 30.4 | 36.2 | 50.1 | 55.6 | 64.6 | 67.3 | 83.0 | 101.9 | 127.0 | 132.3 | 111.3 | 97.4 | 67.9 |
| 80,0° | 12.8 | 12.6 | 14.0 | 17.5 | 21.8 | 23.3 | 28.0 | 29.0 | 41.4 | 56.8 | 84.5 | 75.6 | 49.9 | 39.4 | 30.6 |
| 81,0° | 7.7 | 8.0 | 8.9 | 10.4 | 11.7 | 11.5 | 12.4 | 12.0 | 15.1 | 20.5 | 28.7 | 25.3 | 16.6 | 15.8 | 13.4 |
| 82,0° | 5.8 | 6.0 | 6.6 | 7.2 | 7.9 | 7.5 | 7.7 | 7.8 | 8.6 | 10.6 | 14.3 | 13.0 | 9.1 | 8.3 | 8.1 |
| 83,0° | 4.4 | 4.5 | 4.9 | 5.1 | 5.5 | 5.4 | 5.4 | 5.6 | 5.8 | 6.4 | 8.8 | 9.1 | 7.0 | 5.9 | 5.9 |
| 84,0° | 3.1 | 3.1 | 3.3 | 3.3 | 3.5 | 3.5 | 3.6 | 3.6 | 3.8 | 3.9 | 4.6 | 4.7 | 4.4 | 4.2 | 4.3 |
| 85,0° | 2.4 | 2.3 | 2.3 | 2.3 | 2.4 | 2.3 | 2.5 | 2.5 | 2.6 | 2.6 | 2.8 | 2.8 | 2.9 | 2.8 | 3.0 |
| 86,0° | 1.8 | 1.8 | 1.8 | 1.7 | 1.8 | 1.7 | 1.8 | 1.6 | 1.7 | 1.6 | 1.8 | 1.8 | 1.9 | 1.8 | 2.0 |
| 87,0° | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.2 | 1.2 |
| 88,0° | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 |
| 89,0° | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 | 0.7 | 0.7 | 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 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| | | 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 | | | | | | | | | | | | | | |
| 73,0° | 308.3 | 289.8 | 248.1 | 201.6 | 148.8 | 101.1 | 66.6 | 46.0 | 32.7 | 28.1 | 26.8 | 25.7 | 25.0 | 24.3 | 22.6 |
| 74,0° | 264.8 | 245.1 | 208.3 | 168.0 | 120.8 | 81.4 | 53.7 | 38.2 | 29.2 | 25.7 | 24.6 | 23.7 | 23.1 | 22.3 | 20.7 |
| 75,0° | 221.4 | 197.5 | 168.0 | 137.9 | 96.7 | 64.3 | 42.4 | 32.1 | 26.6 | 23.9 | 22.7 | 22.1 | 21.1 | 20.4 | 18.8 |
| 76,0° | 170.0 | 141.6 | 116.1 | 96.9 | 66.0 | 46.5 | 33.7 | 27.6 | 23.9 | 22.0 | 20.8 | 20.3 | 18.8 | 18.0 | 16.6 |
| 77,0° | 115.1 | 88.3 | 66.5 | 54.7 | 37.9 | 29.4 | 24.9 | 23.6 | 21.5 | 19.9 | 18.7 | 18.0 | 16.1 | 15.0 | 13.9 |
| 78,0° | 76.5 | 58.2 | 42.9 | 33.1 | 24.2 | 20.5 | 19.2 | 19.7 | 18.8 | 17.7 | 16.6 | 16.0 | 13.8 | 12.5 | 11.6 |
| 79,0° | 51.1 | 41.7 | 30.0 | 23.4 | 18.1 | 15.9 | 14.7 | 15.6 | 15.2 | 15.4 | 14.3 | 13.4 | 11.4 | 10.3 | 9.3 |
| 80,0° | 27.2 | 25.0 | 20.1 | 16.4 | 13.4 | 11.9 | 11.1 | 11.4 | 11.9 | 13.0 | 12.3 | 11.1 | 9.1 | 8.2 | 7.6 |
| 81,0° | 11.7 | 12.0 | 11.9 | 11.4 | 9.8 | 9.0 | 8.5 | 8.7 | 9.5 | 10.7 | 10.3 | 9.2 | 7.2 | 6.5 | 6.0 |
| 82,0° | 7.4 | 7.2 | 7.5 | 7.3 | 6.8 | 6.7 | 6.6 | 6.8 | 7.5 | 8.7 | 8.4 | 7.3 | 5.7 | 5.0 | 4.6 |
| 83,0° | 5.7 | 5.7 | 5.8 | 5.1 | 4.8 | 4.9 | 4.8 | 5.2 | 5.6 | 6.5 | 6.1 | 5.3 | 4.3 | 3.8 | 3.5 |
| 84,0° | 4.3 | 4.5 | 4.4 | 3.8 | 3.4 | 3.3 | 3.3 | 3.6 | 3.8 | 4.5 | 4.3 | 3.9 | 3.2 | 2.9 | 2.7 |
| 85,0° | 3.1 | 3.3 | 3.2 | 2.8 | 2.4 | 2.3 | 2.2 | 2.2 | 2.3 | 2.8 | 2.6 | 2.5 | 2.1 | 2.1 | 1.9 |
| 86,0° | 2.0 | 2.2 | 2.1 | 2.0 | 1.7 | 1.7 | 1.5 | 1.5 | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.4 | 1.3 |
| 87,0° | 1.2 | 1.4 | 1.3 | 1.3 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 1.0 | 0.9 | 1.0 | 0.9 | 0.9 | 0.9 |
| 88,0° | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 89,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 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 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| | | 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° | 21.3 | 20.0 | 19.0 | 18.2 | 17.6 | 17.4 | 17.7 | 313.3 | 276.8 | 182.6 | 96.1 | 62.4 | 48.6 | 36.4 | 28.9 |
| 74,0° | 19.7 | 18.1 | 17.0 | 16.2 | 15.6 | 15.3 | 15.5 | 298.9 | 258.9 | 160.8 | 84.5 | 62.2 | 47.9 | 34.5 | 26.9 |
| 75,0° | 18.1 | 16.5 | 15.3 | 14.4 | 13.8 | 13.6 | 13.6 | 264.0 | 223.5 | 129.7 | 69.4 | 55.9 | 45.5 | 31.7 | 24.5 |
| 76,0° | 16.3 | 14.7 | 13.7 | 12.7 | 12.1 | 11.7 | 11.8 | 192.6 | 158.3 | 84.1 | 46.3 | 41.8 | 38.2 | 28.2 | 21.4 |
| 77,0° | 14.0 | 12.6 | 11.8 | 10.9 | 10.4 | 9.8 | 9.9 | 119.2 | 94.7 | 47.7 | 27.5 | 30.6 | 30.2 | 25.2 | 18.9 |
| 78,0° | 12.0 | 10.8 | 10.1 | 9.4 | 8.8 | 8.3 | 8.4 | 60.8 | 51.0 | 28.7 | 23.6 | 31.7 | 31.7 | 27.0 | 18.5 |
| 79,0° | 9.9 | 8.8 | 8.6 | 7.8 | 7.4 | 6.8 | 6.9 | 26.2 | 24.1 | 20.1 | 24.0 | 34.5 | 38.1 | 31.6 | 19.5 |
| 80,0° | 7.8 | 7.1 | 6.8 | 6.2 | 5.7 | 5.4 | 5.4 | 11.7 | 11.9 | 13.1 | 17.9 | 27.0 | 35.6 | 31.7 | 18.8 |
| 81,0° | 6.3 | 5.7 | 5.4 | 4.9 | 4.6 | 4.3 | 4.3 | 7.2 | 7.1 | 7.6 | 9.6 | 14.8 | 24.3 | 24.2 | 14.8 |
| 82,0° | 4.8 | 4.3 | 4.1 | 3.9 | 3.7 | 3.5 | 3.5 | 5.5 | 5.5 | 5.5 | 6.1 | 7.9 | 14.2 | 14.8 | 9.6 |
| 83,0° | 3.5 | 3.2 | 3.1 | 3.1 | 2.9 | 2.8 | 2.8 | 4.2 | 4.2 | 4.2 | 4.5 | 4.9 | 6.9 | 7.1 | 5.4 |
| 84,0° | 2.6 | 2.5 | 2.3 | 2.3 | 2.3 | 2.2 | 2.2 | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.6 | 3.5 | 3.2 |
| 85,0° | 1.9 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 | 1.6 | 2.3 | 2.4 | 2.4 | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 |
| 86,0° | 1.3 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.8 | 1.9 | 1.8 | 1.9 | 1.8 | 1.9 | 1.7 | 1.8 |
| 87,0° | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.8 | 1.4 | 1.5 | 1.4 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 |
| 88,0° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 89,0° | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 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 | 0.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
| | | 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° | 24.9 | 24.3 | 24.5 | 25.3 | 25.5 | 25.7 | 25.5 | 25.6 | 25.6 | 25.7 | 25.5 | 25.3 | 24.2 | 24.2 | 24.3 |
| 74,0° | 22.7 | 21.8 | 22.0 | 23.1 | 23.1 | 23.3 | 23.3 | 23.1 | 23.0 | 23.0 | 22.3 | 21.8 | 21.3 | 22.1 | 22.2 |
| 75,0° | 20.1 | 19.3 | 19.5 | 20.0 | 20.1 | 20.7 | 20.5 | 20.1 | 19.5 | 19.2 | 18.5 | 18.6 | 18.7 | 19.6 | 20.1 |
| 76,0° | 17.5 | 16.8 | 17.0 | 17.6 | 17.7 | 18.1 | 17.8 | 17.2 | 16.6 | 16.1 | 16.0 | 16.1 | 16.1 | 16.5 | 17.1 |
| 77,0° | 15.2 | 14.8 | 14.8 | 15.1 | 14.9 | 15.8 | 14.9 | 14.7 | 13.6 | 13.6 | 13.1 | 13.4 | 12.7 | 13.5 | 13.5 |
| 78,0° | 13.3 | 13.0 | 12.8 | 12.6 | 12.4 | 13.0 | 12.1 | 11.6 | 11.1 | 10.9 | 10.7 | 10.7 | 10.4 | 10.5 | 10.3 |
| 79,0° | 12.2 | 11.5 | 11.0 | 10.5 | 10.6 | 10.6 | 9.8 | 9.6 | 9.0 | 8.8 | 8.6 | 8.6 | 8.3 | 8.5 | 8.1 |
| 80,0° | 10.6 | 9.9 | 9.3 | 8.2 | 8.3 | 8.6 | 8.1 | 7.7 | 7.2 | 6.8 | 6.6 | 6.5 | 6.1 | 6.1 | 6.0 |
| 81,0° | 8.5 | 8.0 | 7.5 | 6.6 | 6.6 | 6.8 | 6.6 | 6.2 | 5.6 | 5.3 | 5.0 | 4.8 | 4.6 | 4.6 | 4.5 |
| 82,0° | 6.3 | 6.0 | 5.6 | 5.1 | 5.1 | 5.3 | 5.1 | 4.9 | 4.4 | 4.1 | 3.7 | 3.6 | 3.3 | 3.2 | 3.2 |
| 83,0° | 4.4 | 4.3 | 4.0 | 3.8 | 3.7 | 3.8 | 3.8 | 3.5 | 3.1 | 2.9 | 2.7 | 2.6 | 2.4 | 2.4 | 2.2 |
| 84,0° | 3.0 | 3.0 | 2.8 | 2.7 | 2.7 | 2.8 | 2.7 | 2.5 | 2.2 | 2.1 | 2.0 | 2.0 | 1.8 | 1.7 | 1.6 |
| 85,0° | 2.2 | 2.2 | 2.0 | 2.0 | 1.8 | 1.9 | 1.7 | 1.8 | 1.5 | 1.5 | 1.3 | 1.3 | 1.2 | 1.1 | 0.9 |
| 86,0° | 1.7 | 1.7 | 1.6 | 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 |
| 87,0° | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 |
| 88,0° | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 |
| 89,0° | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 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 |

| 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° | 25.2 | 23.7 | 20.7 | 17.3 | 15.7 | 14.3 | 13.6 | 13.2 | 13.9 | 12.2 | 11.9 | 11.5 | 12.0 | 12.5 | 950.9 |
| 74,0° | 22.7 | 20.6 | 17.8 | 14.9 | 13.0 | 11.5 | 11.0 | 10.5 | 10.8 | 9.4 | 9.0 | 8.5 | 8.6 | 11.7 | 962.5 |
| 75,0° | 19.7 | 17.1 | 15.0 | 13.1 | 11.1 | 9.5 | 9.0 | 8.4 | 8.6 | 7.4 | 7.0 | 6.4 | 6.5 | 10.6 | 973.1 |
| 76,0° | 16.2 | 14.3 | 12.8 | 11.1 | 9.6 | 8.0 | 7.3 | 6.7 | 6.5 | 5.6 | 5.1 | 4.7 | 4.8 | 8.7 | 981.9 |
| 77,0° | 13.4 | 11.9 | 10.7 | 9.0 | 7.7 | 6.2 | 6.0 | 5.0 | 4.6 | 3.7 | 3.4 | 2.9 | 3.1 | 6.4 | 988.3 |
| 78,0° | 10.5 | 9.9 | 8.8 | 7.2 | 5.7 | 4.7 | 4.3 | 3.6 | 3.1 | 2.4 | 2.0 | 1.7 | 1.7 | 4.4 | 992.7 |
| 79,0° | 8.3 | 7.6 | 6.9 | 5.6 | 4.5 | 3.8 | 3.4 | 2.7 | 2.2 | 1.6 | 1.2 | 1.0 | 1.0 | 2.8 | 995.4 |
| 80,0° | 6.2 | 5.6 | 5.3 | 4.3 | 3.5 | 2.9 | 2.4 | 1.9 | 1.6 | 1.1 | 0.8 | 0.7 | 0.7 | 1.7 | 997.1 |
| 81,0° | 4.5 | 4.1 | 4.0 | 3.2 | 2.6 | 2.2 | 1.9 | 1.5 | 1.2 | 0.9 | 0.7 | 0.5 | 0.5 | 0.9 | 998.0 |
| 82,0° | 3.2 | 3.0 | 3.0 | 2.4 | 2.0 | 1.6 | 1.4 | 1.1 | 0.9 | 0.6 | 0.5 | 0.5 | 0.5 | 0.6 | 998.6 |
| 83,0° | 2.0 | 2.1 | 2.2 | 1.7 | 1.4 | 1.2 | 1.0 | 0.8 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 999.1 |
| 84,0° | 1.5 | 1.6 | 1.5 | 1.1 | 1.0 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 999.4 |
| 85,0° | 1.0 | 1.0 | 1.0 | 0.7 | 0.7 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 999.6 |
| 86,0° | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.1 | 999.7 |
| 87,0° | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 999.8 |
| 88,0° | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 999.9 |
| 89,0° | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 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 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
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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 | 21550 | 136.6 | 143.6 | 140.1 |
| 95 | 241 | 252 | 20447 | 128.0 | 134.4 | 131.2 |
| 90 | 229 | 250 | 19429 | 120.3 | 126.2 | 123.2 |
| 85 | 216 | 248 | 18326 | 112.0 | 117.6 | 114.8 |
| 80 | 203 | 246 | 17223 | 104.0 | 109.1 | 106.6 |
| 75 | 190 | 243 | 16120 | 96.3 | 101.0 | 98.6 |
| 70 | 178 | 241 | 15102 | 89.3 | 93.7 | 91.5 |
| 65 | 165 | 238 | 13999 | 82.0 | 86.0 | 84.0 |
| 60 | 152 | 235 | 12896 | 74.8 | 78.5 | 76.6 |
| 55 | 140 | 232 | 11878 | 68.3 | 71.6 | 69.9 |
| 50 | 127 | 229 | 10775 | 61.4 | 64.3 | 62.8 |
| 45 | 114 | 225 | 9672 | 54.6 | 57.3 | 56.0 |
| 40 | 102 | 221 | 8654 | 48.5 | 50.8 | 49.6 |
| 35 | 89 | 216 | 7551 | 42.0 | 44.0 | 43.0 |
| 30 | 76 | 210 | 6448 | 35.7 | 37.3 | 36.5 |
| 25 | 63 | 203 | 5345 | 29.6 | 30.8 | 30.2 |
| 20 | 51 | 195 | 4327 | 23.9 | 25.0 | 24.4 |
| 15 | 38 | 184 | 3224 | 18.1 | 18.9 | 18.5 |
| 10 | 25 | 169 | 2121 | 12.3 | 12.8 | 12.6 |

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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 | 21550 | 133.6 | 138.1 | 135.8 |
| 95 | 241 | 252 | 20447 | 125.4 | 129.6 | 127.5 |
| 90 | 229 | 250 | 19428 | 118.0 | 122.0 | 120.0 |
| 85 | 216 | 248 | 18326 | 110.2 | 113.9 | 112.0 |
| 80 | 203 | 246 | 17223 | 102.6 | 106.0 | 104.3 |
| 75 | 191 | 244 | 16205 | 95.7 | 98.9 | 97.3 |
| 70 | 178 | 241 | 15102 | 88.5 | 91.3 | 89.9 |
| 65 | 165 | 238 | 13999 | 81.3 | 83.9 | 82.6 |
| 60 | 152 | 235 | 12896 | 74.3 | 76.7 | 75.5 |
| 55 | 140 | 232 | 11878 | 67.9 | 70.1 | 69.0 |
| 50 | 127 | 229 | 10775 | 61.2 | 63.1 | 62.2 |
| 45 | 114 | 225 | 9672 | 54.5 | 56.2 | 55.4 |
| 40 | 102 | 221 | 8654 | 48.5 | 50.1 | 49.3 |
| 35 | 89 | 216 | 7551 | 42.1 | 43.4 | 42.8 |
| 30 | 76 | 210 | 6448 | 35.7 | 36.9 | 36.3 |
| 25 | 64 | 204 | 5430 | 30.0 | 31.0 | 30.5 |
| 20 | 51 | 195 | 4327 | 24.0 | 24.8 | 24.4 |
| 15 | 38 | 184 | 3224 | 18.2 | 18.7 | 18.4 |
| 10 | 26 | 171 | 2206 | 12.8 | 13.2 | 13.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
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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 | 21560 | 134.8 | 140.4 | 137.6 |
| 95 | 241 | 252 | 20456 | 126.4 | 131.6 | 129.0 |
| 90 | 229 | 250 | 19437 | 118.8 | 123.7 | 121.2 |
| 85 | 216 | 248 | 18334 | 110.9 | 115.4 | 113.2 |
| 80 | 203 | 246 | 17231 | 103.1 | 107.3 | 105.2 |
| 75 | 191 | 244 | 16212 | 96.2 | 100.1 | 98.2 |
| 70 | 178 | 241 | 15109 | 88.8 | 92.3 | 90.6 |
| 65 | 165 | 238 | 14005 | 81.5 | 84.8 | 83.2 |
| 60 | 152 | 235 | 12902 | 74.5 | 77.4 | 76.0 |
| 55 | 140 | 232 | 11883 | 68.0 | 70.7 | 69.4 |
| 50 | 127 | 229 | 10780 | 61.2 | 63.6 | 62.4 |
| 45 | 114 | 225 | 9676 | 54.5 | 56.7 | 55.6 |
| 40 | 102 | 221 | 8658 | 48.5 | 50.4 | 49.4 |
| 35 | 89 | 216 | 7554 | 41.9 | 43.6 | 42.8 |
| 30 | 76 | 210 | 6451 | 35.7 | 37.0 | 36.4 |
| 25 | 64 | 204 | 5432 | 30.0 | 31.1 | 30.6 |
| 20 | 51 | 195 | 4329 | 24.0 | 24.9 | 24.4 |
| 15 | 38 | 184 | 3225 | 18.1 | 18.7 | 18.4 |
| 10 | 26 | 171 | 2207 | 12.8 | 13.2 | 13.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3B31Y08NB EAN: 4058352923825 | LP number 59074_238 |
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Luminousfluxs table **sITeco**

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 21550.0 | 136.6 |
| 5.0 | 21550.0 | 133.6 |
| 15.0 | 21560.0 | 134.8 |