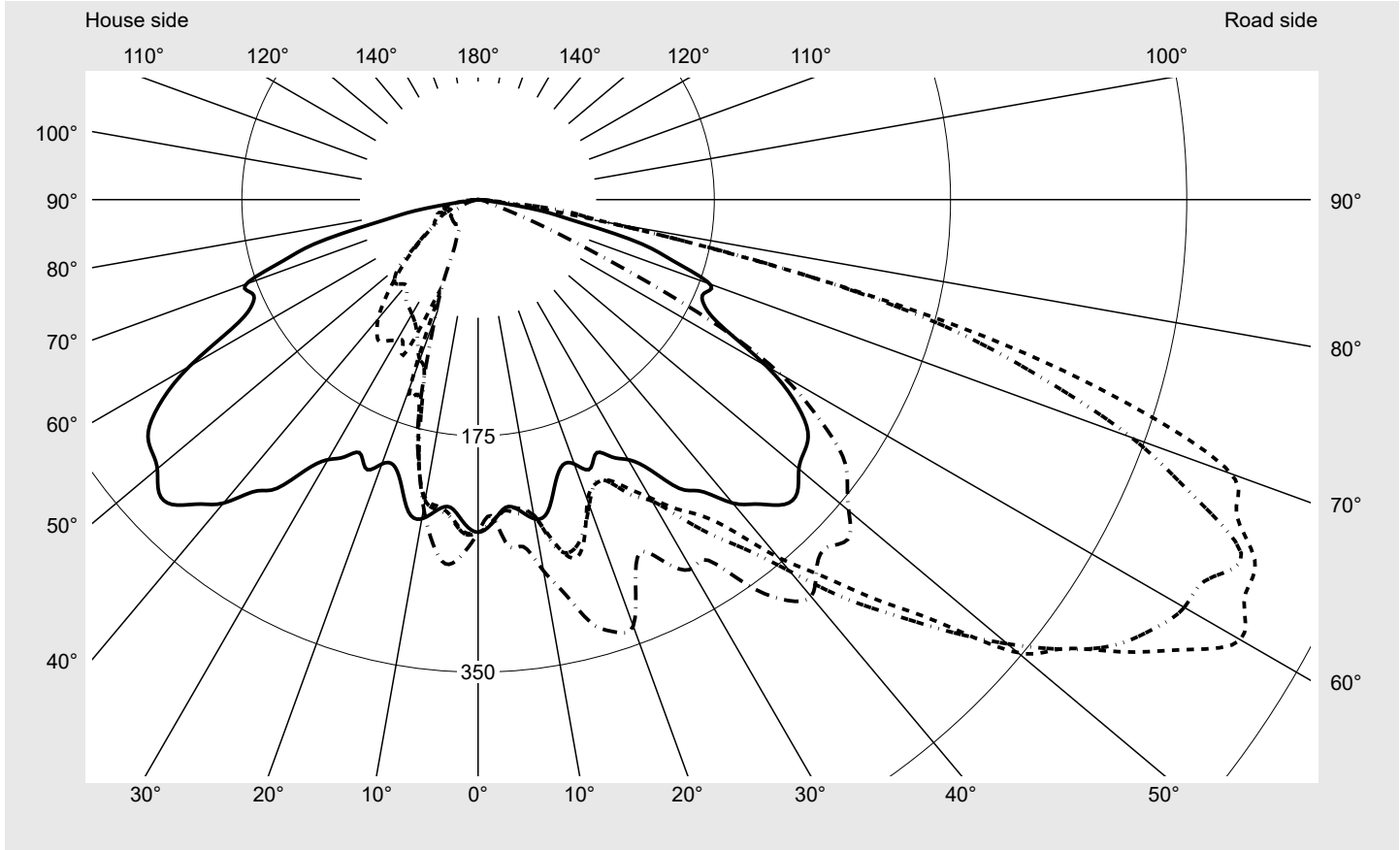


Photometric test report

| | | |
|---|--|--|
| Family Streetlight 11 mini LED | Order number: 5XC2A41E08HE EAN: 4058352557839 | LP number 58293_45 |
| | Version post-top or side-entry mounting Optic asymmetric, wide distribution (ST1.2a) Cover transparent, PMMA Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 8820 lm Power consumption = 58.6 W Luminous efficacy = 150.5 lm/W | serial documentation 17.11.2021 |



Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 652 cd/klm**



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

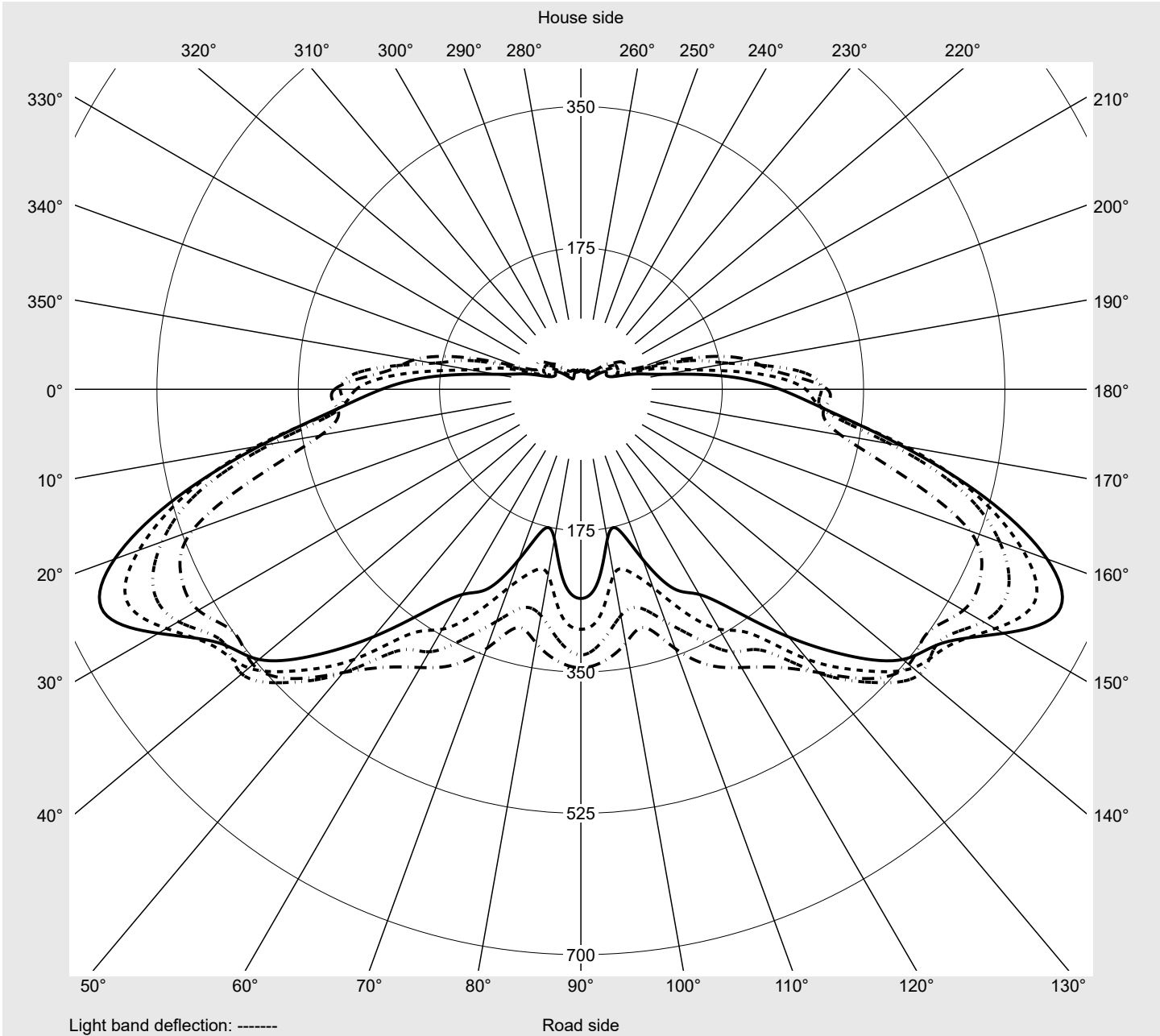
| Luminous intensity class acc. to EN13201-2 | |
|--|-------|
| Class: | G3 |
| Imax 70° | 593.9 |
| Imax 80° | 98.9 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|--|--|------------------------------|
| Family Streetlight 11 mini LED | Order number: 5XC2A41E08HE EAN: 4058352557839 | LP number 58293_45 |
|--|--|------------------------------|

Envelope curve in cd/klm **KMK 60°** **KMK 57.5°** **KMK 55°** **KMK 52.5°** **siteco**



Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 11 mini LED | Order number: 5XC2A41E08HE EAN: 4058352557839 | LP number 58293_45 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| siteco | | |

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 |
| 2,5° | 239.8 | 240.0 | 240.1 | 239.7 | 240.0 | 239.8 | 238.6 | 237.2 | 236.7 | 236.5 | 235.6 | 235.3 | 234.4 |
| 5,0° | 229.1 | 228.4 | 228.7 | 229.6 | 230.3 | 230.5 | 231.2 | 232.4 | 235.4 | 238.5 | 239.7 | 241.9 | 242.5 |
| 7,5° | 231.9 | 232.6 | 231.2 | 229.7 | 229.3 | 230.7 | 234.7 | 239.7 | 244.4 | 248.4 | 250.9 | 254.0 | 255.3 |
| 10,0° | 240.0 | 245.5 | 244.0 | 240.9 | 238.8 | 237.8 | 236.9 | 240.2 | 245.1 | 251.2 | 258.7 | 264.9 | 272.0 |
| 12,5° | 237.3 | 248.6 | 259.0 | 262.1 | 260.8 | 259.9 | 262.9 | 262.2 | 260.3 | 267.2 | 276.2 | 282.6 | 282.7 |
| 15,0° | 219.3 | 225.4 | 240.1 | 256.9 | 269.9 | 275.0 | 269.3 | 265.6 | 263.3 | 261.3 | 264.6 | 271.9 | 281.1 |
| 17,5° | 206.8 | 214.9 | 231.6 | 247.1 | 254.2 | 262.3 | 258.8 | 252.0 | 246.2 | 242.9 | 244.5 | 247.3 | 257.3 |
| 20,0° | 208.4 | 221.3 | 226.4 | 230.6 | 233.9 | 237.1 | 240.8 | 248.5 | 251.5 | 245.3 | 240.1 | 242.0 | 254.3 |
| 22,5° | 216.1 | 219.3 | 220.3 | 223.1 | 226.9 | 227.7 | 227.1 | 227.7 | 235.4 | 240.6 | 242.8 | 248.2 | 253.0 |
| 25,0° | 207.1 | 214.4 | 224.2 | 232.5 | 232.6 | 229.4 | 231.1 | 234.6 | 239.8 | 243.8 | 257.3 | 260.7 | 268.7 |
| 27,5° | 215.0 | 225.1 | 225.5 | 231.9 | 237.3 | 241.3 | 246.8 | 251.6 | 257.6 | 266.8 | 281.0 | 288.8 | 303.3 |
| 30,0° | 222.4 | 233.4 | 237.1 | 242.8 | 250.8 | 255.0 | 257.8 | 266.5 | 281.3 | 295.2 | 308.3 | 320.8 | 334.8 |
| 32,5° | 237.4 | 244.8 | 245.8 | 249.4 | 262.0 | 271.1 | 279.1 | 290.5 | 312.4 | 328.5 | 340.2 | 345.4 | 356.7 |
| 35,0° | 261.6 | 267.3 | 267.7 | 267.3 | 274.5 | 285.1 | 303.6 | 321.6 | 334.8 | 353.0 | 362.6 | 378.3 | 388.1 |
| 37,5° | 272.5 | 277.6 | 279.9 | 285.7 | 293.6 | 308.5 | 326.9 | 345.0 | 359.7 | 372.7 | 387.7 | 420.5 | 413.3 |
| 40,0° | 293.4 | 297.1 | 299.4 | 309.9 | 319.5 | 345.9 | 359.3 | 367.5 | 382.1 | 408.4 | 414.9 | 433.9 | 441.4 |
| 42,5° | 305.8 | 310.7 | 318.2 | 336.2 | 353.8 | 378.6 | 399.4 | 400.4 | 400.5 | 427.8 | 436.5 | 449.4 | 450.6 |
| 45,0° | 319.6 | 313.1 | 321.5 | 373.8 | 392.3 | 420.0 | 434.8 | 431.2 | 434.8 | 457.0 | 452.4 | 447.1 | 446.6 |
| 47,5° | 320.8 | 309.8 | 325.1 | 385.4 | 419.7 | 463.8 | 473.6 | 464.3 | 469.8 | 469.4 | 456.5 | 443.9 | 445.2 |
| 50,0° | 310.2 | 307.2 | 315.4 | 392.2 | 452.4 | 522.3 | 511.8 | 491.4 | 505.3 | 487.1 | 454.1 | 435.2 | 423.2 |
| 52,5° | 305.1 | 301.6 | 326.9 | 413.0 | 512.4 | 546.3 | 547.1 | 524.7 | 530.1 | 506.6 | 457.9 | 420.1 | 397.8 |
| 55,0° | 298.1 | 302.5 | 388.7 | 489.5 | 551.8 | 584.1 | 575.4 | 542.9 | 548.3 | 513.5 | 458.7 | 395.3 | 375.4 |
| 57,5° | 278.3 | 306.9 | 409.1 | 507.8 | 582.3 | 620.5 | 592.4 | 554.8 | 536.8 | 492.4 | 436.5 | 370.2 | 343.0 |
| 60,0° | 246.7 | 308.6 | 403.8 | 518.1 | 614.4 | 652.2 | 604.1 | 547.4 | 520.4 | 465.8 | 400.3 | 336.1 | 293.3 |
| 62,5° | 203.8 | 309.3 | 401.4 | 514.5 | 592.8 | 640.0 | 609.1 | 568.3 | 505.6 | 448.4 | 370.3 | 308.4 | 244.7 |
| 65,0° | 184.8 | 305.8 | 399.8 | 491.5 | 545.4 | 635.2 | 624.2 | 536.2 | 477.4 | 421.4 | 336.1 | 290.3 | 208.4 |
| 67,5° | 181.2 | 300.3 | 385.2 | 455.9 | 537.1 | 608.0 | 573.8 | 499.7 | 429.1 | 379.6 | 303.5 | 252.0 | 174.7 |
| 70,0° | 182.8 | 298.3 | 348.6 | 421.3 | 536.1 | 593.9 | 515.4 | 439.2 | 393.7 | 335.0 | 261.7 | 204.6 | 153.3 |
| 72,5° | 152.3 | 295.2 | 340.0 | 415.6 | 464.5 | 507.8 | 436.8 | 365.4 | 336.0 | 281.8 | 215.0 | 165.1 | 137.1 |
| 75,0° | 123.4 | 244.9 | 296.2 | 319.8 | 343.4 | 381.6 | 351.0 | 272.8 | 224.7 | 206.6 | 172.7 | 145.5 | 127.0 |
| 77,5° | 74.5 | 181.8 | 192.1 | 227.4 | 191.9 | 217.5 | 221.5 | 172.7 | 139.2 | 141.8 | 115.3 | 105.6 | 88.0 |
| 80,0° | 47.1 | 60.2 | 72.3 | 86.8 | 96.2 | 97.8 | 98.2 | 98.9 | 96.2 | 95.3 | 52.2 | 40.0 | 30.9 |
| 82,5° | 9.3 | 12.5 | 13.4 | 18.9 | 18.9 | 29.8 | 65.1 | 93.0 | 67.0 | 41.5 | 23.5 | 16.6 | 10.9 |
| 85,0° | 3.5 | 3.3 | 3.7 | 4.4 | 5.5 | 7.4 | 9.6 | 16.6 | 11.6 | 10.1 | 9.4 | 7.2 | 6.3 |
| 87,5° | 2.3 | 2.4 | 2.6 | 2.9 | 3.1 | 3.3 | 3.6 | 4.1 | 4.4 | 4.0 | 3.8 | 3.7 | 3.5 |
| 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 150,0° | 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 |
| 160,0° | 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 |
| 170,0° | 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 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

| | | |
|---|--|-------------------------------------|
| Family Streetlight 11 mini LED | Order number: 5XC2A41E08HE EAN: 4058352557839 | LP number 58293_45 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| siteco | | |

| C-planes | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 |
| 2,5° | 234.1 | 233.5 | 232.9 | 233.4 | 234.2 | 235.0 | 241.0 | 242.5 | 243.2 | 244.5 | 246.1 | 247.4 | 248.1 |
| 5,0° | 244.3 | 246.1 | 247.2 | 250.8 | 255.4 | 257.5 | 231.6 | 232.2 | 232.8 | 232.6 | 234.9 | 236.2 | 234.4 |
| 7,5° | 259.1 | 260.3 | 263.4 | 262.6 | 260.8 | 259.4 | 230.1 | 229.9 | 228.3 | 227.7 | 229.0 | 231.6 | 231.0 |
| 10,0° | 272.7 | 271.8 | 271.6 | 272.6 | 275.4 | 279.2 | 233.5 | 228.8 | 225.7 | 223.4 | 224.7 | 226.2 | 223.3 |
| 12,5° | 285.6 | 286.2 | 290.0 | 295.9 | 298.0 | 299.6 | 227.2 | 221.3 | 214.0 | 207.4 | 202.7 | 202.1 | 203.7 |
| 15,0° | 282.9 | 288.2 | 301.7 | 314.1 | 320.8 | 324.6 | 210.7 | 201.6 | 193.5 | 182.8 | 169.7 | 162.8 | 156.0 |
| 17,5° | 275.5 | 290.1 | 300.8 | 317.3 | 329.9 | 335.7 | 199.0 | 192.5 | 185.9 | 171.1 | 151.0 | 132.5 | 124.4 |
| 20,0° | 266.9 | 281.0 | 296.7 | 311.8 | 330.4 | 336.1 | 198.2 | 187.6 | 172.6 | 163.2 | 145.4 | 126.2 | 113.8 |
| 22,5° | 264.4 | 276.4 | 296.7 | 308.8 | 307.9 | 304.8 | 194.5 | 174.3 | 162.8 | 143.5 | 74.0 | 116.6 | 98.7 |
| 25,0° | 273.7 | 286.6 | 295.4 | 294.2 | 295.9 | 287.6 | 195.6 | 169.8 | 156.1 | 135.8 | 121.1 | 107.6 | 89.5 |
| 27,5° | 302.2 | 308.3 | 307.5 | 302.6 | 297.9 | 304.0 | 195.8 | 178.3 | 162.7 | 136.6 | 120.6 | 101.8 | 83.5 |
| 30,0° | 338.0 | 331.1 | 312.4 | 313.6 | 311.7 | 315.9 | 207.9 | 188.4 | 165.9 | 142.2 | 120.1 | 98.1 | 77.8 |
| 32,5° | 351.6 | 334.4 | 325.1 | 337.0 | 328.7 | 316.6 | 224.1 | 203.2 | 170.7 | 147.0 | 123.9 | 95.1 | 73.8 |
| 35,0° | 381.8 | 364.5 | 359.3 | 364.4 | 357.6 | 348.7 | 254.1 | 231.6 | 188.3 | 154.7 | 127.9 | 92.7 | 72.5 |
| 37,5° | 400.8 | 388.8 | 368.5 | 359.8 | 364.8 | 373.8 | 263.8 | 240.0 | 192.1 | 161.1 | 123.0 | 86.7 | 73.2 |
| 40,0° | 426.7 | 407.3 | 369.0 | 349.1 | 366.6 | 383.8 | 284.2 | 250.4 | 192.1 | 160.5 | 115.3 | 82.8 | 76.0 |
| 42,5° | 445.4 | 405.8 | 374.1 | 350.6 | 367.9 | 371.2 | 294.9 | 249.1 | 189.9 | 153.0 | 103.8 | 84.7 | 76.8 |
| 45,0° | 454.6 | 404.8 | 367.5 | 355.3 | 367.9 | 364.9 | 304.7 | 253.4 | 189.5 | 145.6 | 91.7 | 87.2 | 83.4 |
| 47,5° | 444.2 | 397.0 | 350.0 | 356.6 | 373.5 | 371.9 | 285.3 | 245.8 | 183.2 | 123.3 | 79.8 | 83.2 | 80.6 |
| 50,0° | 415.6 | 363.0 | 328.5 | 334.1 | 367.2 | 358.4 | 246.0 | 208.6 | 170.2 | 99.8 | 69.6 | 75.4 | 71.6 |
| 52,5° | 377.0 | 341.7 | 305.5 | 319.2 | 337.4 | 344.8 | 245.2 | 210.0 | 153.6 | 79.9 | 59.0 | 62.0 | 59.4 |
| 55,0° | 340.5 | 305.9 | 280.1 | 284.6 | 312.2 | 329.0 | 268.2 | 186.1 | 136.3 | 60.7 | 50.5 | 52.1 | 51.7 |
| 57,5° | 304.7 | 261.3 | 234.1 | 233.3 | 280.3 | 297.2 | 220.2 | 138.9 | 101.2 | 52.2 | 43.1 | 44.3 | 44.4 |
| 60,0° | 272.4 | 224.3 | 180.1 | 188.5 | 239.8 | 259.0 | 182.4 | 107.2 | 73.6 | 47.7 | 37.8 | 36.3 | 38.0 |
| 62,5° | 220.8 | 167.7 | 135.7 | 140.5 | 177.7 | 194.5 | 144.0 | 86.7 | 60.7 | 46.5 | 36.4 | 32.0 | 31.7 |
| 65,0° | 173.8 | 118.9 | 93.3 | 100.8 | 117.9 | 110.3 | 115.5 | 69.8 | 50.4 | 41.5 | 34.4 | 30.3 | 28.6 |
| 67,5° | 127.0 | 81.4 | 58.3 | 50.3 | 53.2 | 55.8 | 112.4 | 66.9 | 43.1 | 33.6 | 31.4 | 26.8 | 22.4 |
| 70,0° | 110.0 | 67.0 | 36.1 | 23.4 | 24.0 | 23.7 | 111.5 | 64.4 | 43.1 | 30.9 | 28.2 | 21.7 | 19.7 |
| 72,5° | 95.0 | 38.0 | 20.3 | 11.1 | 10.3 | 9.3 | 90.0 | 56.0 | 44.0 | 38.4 | 31.8 | 23.7 | 19.8 |
| 75,0° | 83.9 | 21.9 | 12.7 | 8.3 | 7.2 | 7.1 | 63.0 | 53.1 | 47.7 | 34.4 | 29.9 | 25.7 | 18.1 |
| 77,5° | 31.9 | 15.2 | 9.0 | 6.5 | 5.7 | 5.5 | 54.2 | 48.4 | 47.2 | 30.9 | 25.1 | 22.1 | 16.2 |
| 80,0° | 14.1 | 9.7 | 6.4 | 5.0 | 4.4 | 4.2 | 36.4 | 35.4 | 29.8 | 22.2 | 19.6 | 18.2 | 16.2 |
| 82,5° | 9.0 | 6.6 | 4.7 | 3.7 | 3.2 | 3.1 | 9.7 | 11.3 | 14.2 | 14.6 | 15.4 | 11.1 | 10.4 |
| 85,0° | 5.2 | 3.9 | 2.9 | 2.3 | 1.9 | 1.7 | 3.1 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.5 |
| 87,5° | 3.0 | 2.2 | 1.5 | 1.2 | 1.0 | 1.0 | 2.2 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.7 |
| 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 150,0° | 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 |
| 160,0° | 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 |
| 170,0° | 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 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 11 mini LED | Order number: 5XC2A41E08HE EAN: 4058352557839 | LP number 58293_45 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | sITeCO |

| C-planes | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-zone | Total Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | Luminous flux in lm/klm | |
| 0,0° | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 246.4 | 0.4 | 0.4 |
| 2,5° | 249.5 | 252.2 | 254.7 | 257.5 | 259.7 | 261.3 | 261.3 | 261.3 | 262.1 | 262.4 | 262.8 | 2.9 | 3.3 |
| 5,0° | 231.6 | 233.6 | 237.0 | 241.2 | 245.2 | 249.9 | 256.6 | 263.5 | 269.0 | 271.4 | 271.0 | 5.8 | 9.1 |
| 7,5° | 225.8 | 225.3 | 227.9 | 229.8 | 234.2 | 239.7 | 243.5 | 246.5 | 250.9 | 255.1 | 256.9 | 8.6 | 17.7 |
| 10,0° | 214.9 | 206.6 | 211.0 | 211.6 | 215.6 | 218.1 | 225.4 | 229.7 | 234.1 | 233.6 | 232.1 | 11.4 | 29.1 |
| 12,5° | 205.5 | 194.6 | 195.1 | 193.5 | 195.4 | 200.0 | 205.8 | 215.1 | 216.6 | 206.7 | 202.2 | 14.2 | 43.3 |
| 15,0° | 155.4 | 160.1 | 160.7 | 158.6 | 157.5 | 160.9 | 168.0 | 169.1 | 179.2 | 173.9 | 171.9 | 15.8 | 59.1 |
| 17,5° | 121.8 | 123.5 | 125.8 | 124.8 | 119.6 | 125.9 | 127.1 | 123.3 | 124.5 | 126.5 | 127.6 | 16.7 | 75.9 |
| 20,0° | 106.9 | 108.0 | 108.3 | 102.2 | 91.8 | 85.2 | 85.0 | 83.3 | 89.9 | 94.2 | 93.3 | 17.8 | 93.7 |
| 22,5° | 90.5 | 90.6 | 95.5 | 88.8 | 77.0 | 70.1 | 67.6 | 63.8 | 62.9 | 62.6 | 70.1 | 18.6 | 112.3 |
| 25,0° | 76.4 | 77.8 | 84.5 | 74.0 | 71.7 | 64.2 | 62.0 | 54.8 | 48.0 | 44.9 | 46.3 | 20.3 | 132.7 |
| 27,5° | 68.7 | 60.3 | 56.3 | 57.6 | 57.9 | 53.0 | 52.5 | 44.8 | 39.0 | 37.0 | 36.1 | 22.7 | 155.4 |
| 30,0° | 65.1 | 58.5 | 54.4 | 51.3 | 46.7 | 43.1 | 39.1 | 38.0 | 34.6 | 31.9 | 30.8 | 25.7 | 181.1 |
| 32,5° | 63.3 | 57.4 | 53.7 | 46.9 | 39.3 | 34.9 | 32.3 | 30.9 | 29.7 | 28.1 | 26.3 | 28.9 | 210.0 |
| 35,0° | 65.2 | 58.8 | 52.1 | 43.5 | 36.9 | 31.4 | 28.3 | 26.5 | 25.1 | 24.5 | 24.1 | 33.2 | 243.2 |
| 37,5° | 66.6 | 58.3 | 50.3 | 42.4 | 36.2 | 31.2 | 26.4 | 24.9 | 23.6 | 24.2 | 23.4 | 36.8 | 280.0 |
| 40,0° | 70.0 | 59.1 | 50.2 | 41.5 | 33.5 | 27.6 | 25.6 | 24.3 | 24.1 | 24.1 | 23.4 | 40.8 | 320.8 |
| 42,5° | 71.2 | 59.5 | 50.3 | 40.5 | 32.6 | 27.3 | 24.6 | 24.4 | 24.3 | 23.8 | 24.8 | 44.5 | 365.3 |
| 45,0° | 74.6 | 61.9 | 46.1 | 36.6 | 31.9 | 28.1 | 24.6 | 24.3 | 24.1 | 24.3 | 24.5 | 48.0 | 413.3 |
| 47,5° | 70.1 | 55.1 | 41.9 | 34.0 | 30.1 | 27.6 | 24.8 | 24.2 | 24.2 | 24.2 | 24.6 | 50.6 | 463.9 |
| 50,0° | 58.1 | 48.8 | 38.8 | 31.0 | 29.0 | 26.4 | 25.4 | 24.3 | 24.2 | 24.2 | 24.2 | 51.8 | 515.7 |
| 52,5° | 49.6 | 43.2 | 33.6 | 28.2 | 25.7 | 25.8 | 25.3 | 24.1 | 24.3 | 24.7 | 24.1 | 53.3 | 569.0 |
| 55,0° | 43.5 | 36.5 | 28.4 | 24.7 | 23.3 | 23.8 | 24.6 | 23.5 | 24.2 | 23.6 | 23.7 | 54.9 | 623.9 |
| 57,5° | 36.2 | 29.1 | 22.9 | 20.4 | 21.4 | 22.1 | 23.1 | 22.7 | 22.9 | 23.1 | 23.6 | 53.9 | 677.8 |
| 60,0° | 31.5 | 22.4 | 17.1 | 16.3 | 17.5 | 19.6 | 21.7 | 21.9 | 21.8 | 22.3 | 23.3 | 52.0 | 729.9 |
| 62,5° | 25.2 | 17.7 | 13.2 | 12.8 | 14.7 | 17.2 | 19.3 | 19.4 | 19.7 | 20.4 | 20.9 | 49.2 | 779.1 |
| 65,0° | 20.3 | 14.6 | 11.5 | 10.5 | 12.0 | 14.7 | 17.0 | 16.9 | 17.5 | 17.0 | 17.7 | 45.9 | 824.9 |
| 67,5° | 18.1 | 13.7 | 10.7 | 9.4 | 10.0 | 11.5 | 13.5 | 14.1 | 14.8 | 13.6 | 14.4 | 41.9 | 866.8 |
| 70,0° | 16.3 | 12.0 | 9.9 | 8.5 | 8.3 | 9.3 | 10.5 | 11.2 | 11.9 | 11.7 | 11.8 | 38.6 | 905.4 |
| 72,5° | 14.7 | 10.9 | 8.3 | 7.1 | 6.8 | 7.7 | 8.1 | 8.4 | 9.0 | 9.3 | 9.3 | 34.1 | 939.5 |
| 75,0° | 12.7 | 10.3 | 7.2 | 6.0 | 5.6 | 5.9 | 6.2 | 6.5 | 6.5 | 6.5 | 6.7 | 27.2 | 966.6 |
| 77,5° | 10.4 | 7.6 | 5.8 | 5.1 | 4.5 | 4.1 | 4.4 | 4.6 | 3.7 | 3.2 | 3.1 | 18.1 | 984.8 |
| 80,0° | 10.8 | 6.1 | 4.2 | 3.9 | 3.3 | 3.0 | 2.8 | 2.9 | 2.0 | 1.0 | 0.6 | 9.2 | 994.0 |
| 82,5° | 7.4 | 4.7 | 3.4 | 2.9 | 2.5 | 2.2 | 1.9 | 1.9 | 1.1 | 0.6 | 0.4 | 4.3 | 998.3 |
| 85,0° | 3.4 | 2.6 | 2.3 | 1.9 | 1.8 | 1.4 | 1.0 | 0.9 | 0.7 | 0.4 | 0.4 | 1.2 | 999.4 |
| 87,5° | 1.6 | 1.5 | 1.2 | 1.2 | 1.0 | 0.9 | 0.7 | 0.6 | 0.5 | 0.4 | 0.4 | 0.6 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 150,0° | 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 |
| 160,0° | 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 |
| 170,0° | 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 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

Photometric test report

| | | |
|--|--|------------------------------|
| Family Streetlight 11 mini LED | Order number: 5XC2A41E08HE EAN: 4058352557839 | LP number 58293_45 |
|--|--|------------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| 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 | 8820 | 58.6 | 60.9 | 59.8 |
| 95 | 241 | 252 | 8369 | 55.1 | 57.2 | 56.2 |
| 90 | 229 | 250 | 7952 | 51.9 | 53.9 | 52.9 |
| 85 | 216 | 248 | 7500 | 48.6 | 50.4 | 49.5 |
| 80 | 203 | 246 | 7049 | 45.3 | 47.0 | 46.2 |
| 75 | 190 | 243 | 6598 | 42.2 | 43.8 | 43.0 |
| 70 | 178 | 241 | 6181 | 39.3 | 40.8 | 40.0 |
| 65 | 165 | 238 | 5730 | 36.2 | 37.7 | 37.0 |
| 60 | 152 | 235 | 5278 | 33.3 | 34.5 | 33.9 |
| 55 | 140 | 232 | 4861 | 30.6 | 31.7 | 31.2 |
| 50 | 127 | 229 | 4410 | 27.6 | 28.6 | 28.1 |
| 45 | 114 | 225 | 3959 | 24.8 | 25.6 | 25.2 |
| 40 | 102 | 221 | 3542 | 22.3 | 23.1 | 22.7 |
| 35 | 89 | 216 | 3090 | 19.5 | 20.2 | 19.8 |
| 30 | 76 | 210 | 2639 | 16.7 | 17.3 | 17.0 |
| 25 | 63 | 203 | 2188 | 14.1 | 14.6 | 14.4 |
| 20 | 51 | 195 | 1771 | 11.7 | 12.1 | 11.9 |
| 15 | 38 | 184 | 1320 | 9.2 | 9.4 | 9.3 |
| 14 | 35 | 181 | 1215 | 8.6 | 8.8 | 8.7 |