


Photometric test report

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| Family Streetlight 31 maxi | Order number: 5XH4D3AR08SA EAN: 4069025102850 | LP number 59076_2553 |
| | Version post-top or side-entry mounting, Smart Interface down Optic asymmetric, wide distribution (ST1.0a) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear ECG SITECO - Smart Interface Rated values Net luminous flux = 28310 lm Power consumption = 211.4 W Luminous efficacy = 133.9 lm/W | serial documentation 27.05.2024 |



Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 758 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: | G3 |
| Imax 70° | 757.8 |
| Imax 80° | 95.1 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Photometric test report

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Envelope curve in cd/klm **KMK 70°** **KMK 67.5°** **KMK 65°** **KMK 62.5°** **siteco**



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| Table of values for luminous intensities | | Maximum luminous intensity |
| | | |



| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 |
| 2,5° | 237.2 | 240.2 | 243.6 | 247.1 | 250.1 | 253.3 | 251.5 | 253.0 | 253.9 | 252.9 | 249.2 | 247.7 | 247.6 |
| 5,0° | 244.6 | 247.2 | 246.5 | 245.5 | 245.0 | 244.3 | 240.5 | 238.5 | 236.3 | 236.3 | 235.1 | 233.7 | 233.4 |
| 7,5° | 239.7 | 245.1 | 248.3 | 244.6 | 238.3 | 235.0 | 234.8 | 231.4 | 230.3 | 234.8 | 234.3 | 239.5 | 238.7 |
| 10,0° | 240.7 | 249.2 | 251.4 | 243.9 | 239.9 | 238.9 | 238.4 | 242.1 | 240.6 | 240.8 | 243.3 | 249.6 | 251.2 |
| 12,5° | 258.0 | 251.3 | 242.2 | 234.8 | 236.0 | 241.7 | 247.8 | 251.1 | 250.2 | 252.7 | 253.4 | 256.8 | 257.4 |
| 15,0° | 262.2 | 249.0 | 244.4 | 246.5 | 247.0 | 249.2 | 257.5 | 261.4 | 264.2 | 266.4 | 265.5 | 261.6 | 261.2 |
| 17,5° | 258.3 | 251.3 | 248.4 | 253.2 | 259.5 | 262.9 | 266.6 | 264.1 | 266.6 | 271.6 | 270.9 | 268.4 | 275.4 |
| 20,0° | 251.9 | 249.8 | 249.6 | 255.8 | 262.8 | 269.8 | 275.4 | 276.2 | 274.3 | 273.3 | 279.4 | 281.1 | 281.7 |
| 22,5° | 250.2 | 252.4 | 255.0 | 266.6 | 270.7 | 266.2 | 278.1 | 280.2 | 283.2 | 284.7 | 277.3 | 280.4 | 284.0 |
| 25,0° | 258.8 | 258.1 | 263.4 | 267.5 | 275.0 | 285.0 | 283.0 | 287.9 | 292.3 | 291.9 | 288.1 | 291.2 | 291.4 |
| 27,5° | 258.1 | 259.3 | 264.2 | 271.8 | 275.5 | 283.2 | 282.1 | 292.3 | 297.8 | 295.7 | 295.0 | 295.6 | 295.2 |
| 30,0° | 261.0 | 264.7 | 278.4 | 274.8 | 287.8 | 295.8 | 295.6 | 301.4 | 307.5 | 307.5 | 302.4 | 301.2 | 298.5 |
| 32,5° | 259.5 | 271.5 | 275.0 | 285.5 | 290.4 | 303.8 | 296.9 | 312.8 | 318.7 | 323.5 | 314.1 | 299.9 | 297.4 |
| 35,0° | 270.2 | 277.9 | 282.4 | 285.4 | 294.7 | 301.1 | 315.2 | 320.4 | 320.7 | 320.8 | 310.6 | 315.9 | 307.3 |
| 37,5° | 280.1 | 288.9 | 291.9 | 300.1 | 302.5 | 320.5 | 327.1 | 330.1 | 327.2 | 324.3 | 312.1 | 312.9 | 322.0 |
| 40,0° | 288.0 | 294.9 | 294.8 | 301.0 | 311.0 | 326.6 | 348.4 | 339.0 | 340.9 | 323.5 | 314.9 | 336.9 | 331.0 |
| 42,5° | 296.1 | 297.5 | 298.1 | 316.3 | 327.4 | 334.0 | 350.7 | 340.8 | 336.4 | 326.9 | 332.4 | 337.9 | 345.0 |
| 45,0° | 293.4 | 307.2 | 308.2 | 316.1 | 329.3 | 345.7 | 356.8 | 343.0 | 340.7 | 351.3 | 353.6 | 361.0 | 358.7 |
| 47,5° | 300.6 | 307.3 | 314.8 | 328.8 | 344.9 | 352.0 | 355.2 | 354.7 | 351.0 | 370.6 | 372.7 | 358.6 | 351.6 |
| 50,0° | 303.5 | 304.1 | 310.6 | 329.1 | 357.1 | 366.7 | 357.0 | 357.9 | 374.0 | 384.7 | 373.8 | 352.0 | 342.3 |
| 52,5° | 313.1 | 308.3 | 311.4 | 326.1 | 362.1 | 373.6 | 363.6 | 377.1 | 396.3 | 399.9 | 374.1 | 343.5 | 326.4 |
| 55,0° | 307.1 | 316.8 | 324.7 | 337.2 | 363.3 | 390.4 | 392.0 | 402.7 | 402.8 | 386.8 | 366.3 | 344.1 | 310.0 |
| 57,5° | 313.1 | 325.8 | 337.5 | 353.8 | 370.6 | 400.3 | 415.2 | 426.0 | 418.2 | 382.6 | 371.0 | 318.2 | 258.7 |
| 60,0° | 320.0 | 336.4 | 356.7 | 382.3 | 399.2 | 434.6 | 444.2 | 455.3 | 436.4 | 397.2 | 321.8 | 253.6 | 192.9 |
| 62,5° | 306.5 | 339.5 | 378.1 | 425.8 | 457.4 | 476.0 | 511.2 | 489.6 | 447.5 | 347.0 | 255.1 | 175.8 | 103.5 |
| 65,0° | 299.6 | 340.0 | 408.3 | 483.0 | 540.4 | 580.6 | 589.8 | 543.1 | 386.3 | 266.9 | 165.4 | 84.9 | 43.0 |
| 67,5° | 285.8 | 348.9 | 439.6 | 545.0 | 615.1 | 681.0 | 669.3 | 499.2 | 304.3 | 169.4 | 77.8 | 34.0 | 31.0 |
| 70,0° | 263.6 | 344.2 | 467.8 | 600.6 | 683.4 | 757.8 | 601.6 | 373.8 | 175.0 | 76.2 | 32.7 | 27.1 | 25.4 |
| 72,5° | 260.2 | 352.1 | 495.4 | 595.6 | 690.0 | 674.7 | 438.4 | 194.3 | 80.1 | 34.9 | 24.8 | 22.8 | 22.3 |
| 75,0° | 251.4 | 355.3 | 453.9 | 502.5 | 563.4 | 449.7 | 222.3 | 65.9 | 33.6 | 23.0 | 18.2 | 18.2 | 18.1 |
| 77,5° | 197.9 | 250.8 | 269.9 | 280.6 | 272.8 | 192.3 | 58.2 | 20.2 | 16.5 | 16.7 | 17.0 | 14.7 | 13.0 |
| 80,0° | 95.1 | 86.3 | 83.1 | 87.4 | 87.1 | 61.8 | 14.5 | 10.9 | 9.9 | 10.1 | 14.8 | 9.2 | 8.4 |
| 82,5° | 19.9 | 14.9 | 10.6 | 15.6 | 24.6 | 15.4 | 6.7 | 8.0 | 5.4 | 4.5 | 5.7 | 4.8 | 5.3 |
| 85,0° | 1.2 | 1.1 | 1.6 | 1.3 | 1.6 | 1.7 | 1.9 | 2.0 | 2.1 | 1.8 | 1.8 | 1.6 | 1.8 |
| 87,5° | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.4 | 0.4 | 0.5 | 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 |

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|---|-----------------------------------|---------------|
| 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° | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 |
| 2,5° | 246.5 | 245.6 | 245.8 | 243.2 | 241.6 | 241.0 | 237.5 | 234.9 | 231.4 | 229.7 | 229.1 | 229.7 | 228.7 |
| 5,0° | 231.5 | 228.9 | 230.8 | 232.5 | 234.2 | 232.7 | 235.6 | 233.9 | 229.2 | 227.3 | 227.0 | 226.3 | 224.2 |
| 7,5° | 238.9 | 237.7 | 239.2 | 239.1 | 238.8 | 243.3 | 233.9 | 231.9 | 226.6 | 222.4 | 224.0 | 223.5 | 219.5 |
| 10,0° | 251.1 | 250.4 | 247.0 | 246.6 | 242.9 | 244.2 | 232.6 | 230.0 | 230.1 | 225.8 | 221.6 | 221.1 | 218.9 |
| 12,5° | 255.3 | 254.8 | 254.6 | 255.0 | 256.4 | 256.8 | 251.6 | 236.9 | 233.3 | 228.9 | 228.6 | 223.7 | 220.7 |
| 15,0° | 261.0 | 263.4 | 264.6 | 269.2 | 266.7 | 266.5 | 251.8 | 236.5 | 234.4 | 231.8 | 232.1 | 226.4 | 214.7 |
| 17,5° | 273.5 | 269.8 | 271.0 | 269.3 | 274.0 | 278.7 | 254.8 | 236.7 | 230.6 | 229.6 | 223.0 | 220.4 | 211.5 |
| 20,0° | 277.0 | 273.8 | 278.5 | 273.5 | 277.4 | 289.2 | 253.6 | 246.1 | 236.7 | 232.5 | 231.4 | 221.3 | 218.5 |
| 22,5° | 283.3 | 280.0 | 281.4 | 274.0 | 278.9 | 284.1 | 258.2 | 245.1 | 237.3 | 231.5 | 223.1 | 220.1 | 214.1 |
| 25,0° | 291.6 | 289.2 | 282.7 | 284.9 | 281.8 | 276.4 | 256.1 | 253.5 | 245.1 | 231.6 | 230.7 | 222.1 | 220.2 |
| 27,5° | 291.0 | 297.1 | 284.7 | 284.4 | 283.7 | 294.6 | 253.8 | 262.2 | 247.2 | 243.6 | 233.3 | 225.6 | 220.2 |
| 30,0° | 299.4 | 285.0 | 290.4 | 287.0 | 284.1 | 276.6 | 260.1 | 262.3 | 252.5 | 242.6 | 235.0 | 232.1 | 216.3 |
| 32,5° | 303.1 | 294.9 | 292.6 | 291.3 | 291.6 | 291.4 | 267.1 | 268.3 | 257.6 | 249.2 | 239.9 | 227.8 | 207.5 |
| 35,0° | 305.6 | 303.8 | 309.8 | 304.1 | 309.8 | 299.5 | 265.1 | 272.9 | 264.3 | 257.9 | 237.6 | 224.2 | 192.7 |
| 37,5° | 327.6 | 321.4 | 316.6 | 327.0 | 311.9 | 314.4 | 267.5 | 273.9 | 266.0 | 253.1 | 240.5 | 209.6 | 171.7 |
| 40,0° | 335.6 | 329.6 | 322.7 | 314.6 | 317.2 | 302.1 | 280.5 | 272.5 | 268.4 | 257.7 | 233.1 | 190.7 | 159.6 |
| 42,5° | 344.1 | 323.1 | 317.5 | 312.8 | 305.5 | 291.3 | 285.6 | 276.8 | 274.2 | 255.0 | 220.5 | 173.7 | 147.1 |
| 45,0° | 334.8 | 321.1 | 311.8 | 310.6 | 303.9 | 304.9 | 290.4 | 275.0 | 272.0 | 249.5 | 211.3 | 158.5 | 132.3 |
| 47,5° | 329.8 | 320.9 | 301.3 | 306.7 | 283.3 | 299.9 | 289.6 | 280.3 | 276.9 | 239.7 | 185.9 | 140.8 | 119.7 |
| 50,0° | 322.5 | 303.3 | 286.7 | 277.3 | 266.1 | 264.8 | 299.6 | 279.3 | 263.2 | 226.2 | 163.0 | 115.2 | 100.4 |
| 52,5° | 304.5 | 279.5 | 254.9 | 243.3 | 227.8 | 220.6 | 304.6 | 284.5 | 261.5 | 202.5 | 144.2 | 95.6 | 87.7 |
| 55,0° | 271.9 | 232.3 | 195.4 | 182.8 | 167.1 | 154.6 | 302.4 | 281.2 | 248.9 | 189.5 | 126.0 | 87.0 | 82.7 |
| 57,5° | 205.3 | 164.9 | 136.9 | 107.6 | 100.1 | 94.8 | 295.7 | 276.1 | 229.0 | 169.2 | 112.1 | 76.9 | 69.4 |
| 60,0° | 135.3 | 91.2 | 69.1 | 54.0 | 51.1 | 48.0 | 295.6 | 255.4 | 206.1 | 148.6 | 104.2 | 69.2 | 64.4 |
| 62,5° | 63.8 | 41.6 | 38.3 | 37.4 | 35.9 | 35.9 | 276.8 | 246.4 | 194.9 | 133.5 | 95.3 | 67.9 | 56.0 |
| 65,0° | 34.8 | 33.0 | 36.1 | 33.5 | 33.3 | 33.3 | 259.4 | 228.7 | 165.0 | 116.1 | 89.9 | 62.4 | 52.0 |
| 67,5° | 28.3 | 30.3 | 30.4 | 29.0 | 28.2 | 27.1 | 237.7 | 204.2 | 142.9 | 89.0 | 74.0 | 56.7 | 44.9 |
| 70,0° | 26.6 | 24.6 | 25.1 | 24.3 | 23.4 | 24.3 | 214.1 | 178.1 | 117.5 | 71.7 | 65.1 | 49.6 | 35.8 |
| 72,5° | 20.9 | 22.8 | 22.1 | 20.1 | 20.0 | 18.5 | 199.3 | 149.2 | 98.9 | 60.6 | 55.2 | 45.6 | 31.0 |
| 75,0° | 18.0 | 17.9 | 18.1 | 15.7 | 15.1 | 15.9 | 176.2 | 102.0 | 69.4 | 40.3 | 40.9 | 34.6 | 28.7 |
| 77,5° | 14.2 | 13.9 | 12.6 | 12.2 | 11.3 | 11.2 | 100.8 | 18.4 | 18.7 | 26.1 | 24.0 | 21.5 | 20.6 |
| 80,0° | 9.5 | 8.9 | 8.4 | 8.0 | 6.9 | 6.7 | 38.7 | 5.8 | 7.9 | 14.6 | 11.5 | 12.5 | 10.7 |
| 82,5° | 4.7 | 5.0 | 4.6 | 3.8 | 3.5 | 3.5 | 7.8 | 3.4 | 3.6 | 6.4 | 5.1 | 4.4 | 4.3 |
| 85,0° | 2.1 | 1.9 | 1.8 | 1.5 | 1.1 | 1.5 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 0.9 |
| 87,5° | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.7 | 0.3 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| 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° | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 242.2 | 0.4 | 0.4 |
| 2,5° | 228.8 | 228.3 | 228.5 | 228.0 | 228.0 | 228.7 | 228.7 | 231.0 | 230.4 | 231.6 | 230.0 | 2.9 | 3.2 |
| 5,0° | 224.8 | 225.1 | 221.3 | 223.3 | 220.3 | 219.6 | 217.9 | 216.2 | 216.4 | 215.3 | 218.6 | 5.5 | 8.7 |
| 7,5° | 220.9 | 217.1 | 216.6 | 214.6 | 211.5 | 209.0 | 207.0 | 206.4 | 212.3 | 211.0 | 212.9 | 8.2 | 16.9 |
| 10,0° | 212.8 | 212.3 | 211.5 | 209.7 | 207.2 | 204.3 | 201.1 | 201.2 | 202.8 | 204.7 | 205.0 | 10.9 | 27.9 |
| 12,5° | 217.1 | 216.0 | 210.6 | 208.5 | 204.9 | 207.1 | 208.1 | 204.9 | 204.6 | 202.9 | 203.9 | 13.9 | 41.8 |
| 15,0° | 211.1 | 211.6 | 209.7 | 208.3 | 208.4 | 199.1 | 197.1 | 199.6 | 201.2 | 197.7 | 197.5 | 16.9 | 58.7 |
| 17,5° | 211.3 | 207.4 | 206.9 | 203.8 | 201.8 | 202.0 | 195.0 | 187.2 | 191.9 | 191.4 | 187.7 | 19.7 | 78.4 |
| 20,0° | 213.6 | 205.7 | 202.9 | 195.4 | 190.5 | 187.5 | 184.4 | 179.4 | 172.2 | 171.5 | 176.2 | 22.5 | 100.9 |
| 22,5° | 212.9 | 210.7 | 194.4 | 186.3 | 177.3 | 171.4 | 168.7 | 164.9 | 160.5 | 160.6 | 159.6 | 25.0 | 125.9 |
| 25,0° | 207.0 | 196.3 | 186.3 | 173.2 | 173.2 | 166.6 | 162.4 | 151.7 | 148.3 | 140.9 | 134.3 | 27.8 | 153.7 |
| 27,5° | 205.7 | 183.9 | 171.4 | 164.0 | 160.4 | 151.4 | 145.5 | 135.8 | 126.3 | 118.7 | 117.1 | 30.1 | 183.8 |
| 30,0° | 186.6 | 174.1 | 167.0 | 162.4 | 148.6 | 139.7 | 122.7 | 116.4 | 109.9 | 107.3 | 105.9 | 32.6 | 216.3 |
| 32,5° | 175.3 | 165.5 | 162.0 | 143.4 | 132.8 | 123.0 | 112.7 | 104.0 | 100.1 | 96.4 | 92.3 | 35.0 | 251.3 |
| 35,0° | 168.9 | 162.9 | 151.7 | 132.5 | 123.6 | 110.4 | 102.5 | 95.4 | 88.8 | 88.3 | 86.2 | 37.5 | 288.8 |
| 37,5° | 154.1 | 150.9 | 143.5 | 124.9 | 111.8 | 100.4 | 94.1 | 85.8 | 82.5 | 77.7 | 79.4 | 40.1 | 328.9 |
| 40,0° | 146.7 | 143.1 | 129.9 | 114.4 | 102.6 | 93.9 | 81.3 | 76.5 | 72.4 | 72.8 | 70.8 | 42.4 | 371.3 |
| 42,5° | 142.1 | 129.9 | 121.4 | 103.1 | 90.1 | 80.9 | 72.5 | 69.7 | 70.3 | 66.8 | 63.1 | 44.2 | 415.5 |
| 45,0° | 124.3 | 119.9 | 105.6 | 93.4 | 78.6 | 73.7 | 68.4 | 68.6 | 64.0 | 63.1 | 64.5 | 46.2 | 461.7 |
| 47,5° | 112.2 | 105.5 | 95.1 | 80.2 | 69.5 | 67.1 | 63.7 | 61.0 | 61.9 | 62.9 | 58.3 | 47.7 | 509.4 |
| 50,0° | 97.1 | 86.2 | 81.0 | 69.9 | 65.2 | 62.2 | 59.9 | 57.5 | 58.2 | 56.9 | 55.7 | 48.2 | 557.6 |
| 52,5° | 81.4 | 76.9 | 71.9 | 64.5 | 61.2 | 57.0 | 55.7 | 54.0 | 52.9 | 51.0 | 53.4 | 48.5 | 606.2 |
| 55,0° | 72.4 | 66.4 | 64.2 | 58.5 | 55.6 | 52.3 | 52.1 | 49.6 | 48.4 | 46.8 | 46.3 | 47.9 | 654.0 |
| 57,5° | 63.8 | 60.2 | 56.0 | 51.2 | 50.2 | 51.5 | 48.3 | 47.3 | 44.5 | 43.7 | 41.9 | 46.4 | 700.4 |
| 60,0° | 52.9 | 50.5 | 50.6 | 46.0 | 48.1 | 46.5 | 47.5 | 42.4 | 40.8 | 41.6 | 38.9 | 44.7 | 745.2 |
| 62,5° | 49.0 | 44.0 | 43.6 | 43.5 | 43.0 | 44.9 | 42.5 | 41.4 | 36.9 | 37.8 | 35.1 | 43.7 | 788.8 |
| 65,0° | 46.0 | 41.2 | 39.4 | 40.3 | 38.3 | 37.3 | 38.4 | 37.2 | 34.9 | 32.2 | 31.0 | 43.4 | 832.2 |
| 67,5° | 36.6 | 34.3 | 35.2 | 34.3 | 34.4 | 34.1 | 34.2 | 31.5 | 29.4 | 25.2 | 25.2 | 42.6 | 874.8 |
| 70,0° | 32.1 | 30.4 | 31.6 | 29.6 | 27.9 | 26.0 | 25.2 | 21.7 | 19.5 | 17.0 | 15.7 | 39.8 | 914.6 |
| 72,5° | 26.7 | 27.4 | 25.8 | 25.7 | 21.0 | 20.1 | 16.5 | 13.8 | 12.3 | 12.4 | 11.0 | 35.2 | 949.9 |
| 75,0° | 21.8 | 21.8 | 21.8 | 20.0 | 15.4 | 14.0 | 12.0 | 9.0 | 7.9 | 7.7 | 7.0 | 27.3 | 977.2 |
| 77,5° | 15.9 | 14.8 | 13.6 | 12.0 | 9.9 | 8.9 | 7.1 | 5.2 | 3.1 | 2.1 | 2.4 | 15.0 | 992.2 |
| 80,0° | 7.8 | 7.4 | 6.6 | 6.1 | 5.8 | 5.3 | 3.8 | 2.4 | 1.3 | 0.7 | 1.0 | 5.8 | 998.0 |
| 82,5° | 3.2 | 2.6 | 2.4 | 3.5 | 2.9 | 2.3 | 1.6 | 0.9 | 0.4 | 0.3 | 0.2 | 1.7 | 999.6 |
| 85,0° | 0.8 | 0.6 | 0.6 | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | 0.1 | 0.3 | 999.9 |
| 87,5° | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

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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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100 | 254 | 254 | 28310 | 211.4 | 238.0 | 224.7 |
| 95 | 237 | 251 | 26926 | 196.0 | 220.9 | 208.4 |
| 90 | 220 | 249 | 25463 | 180.9 | 203.8 | 192.4 |
| 85 | 204 | 246 | 24020 | 166.8 | 187.8 | 177.3 |
| 80 | 189 | 243 | 22607 | 153.8 | 173.0 | 163.4 |
| 75 | 175 | 240 | 21241 | 141.8 | 159.3 | 150.6 |
| 70 | 161 | 237 | 19827 | 130.1 | 146.0 | 138.0 |
| 65 | 147 | 234 | 18362 | 118.5 | 132.8 | 125.6 |
| 60 | 134 | 231 | 16963 | 108.0 | 120.6 | 114.3 |
| 55 | 121 | 227 | 15518 | 97.6 | 108.9 | 103.2 |
| 50 | 109 | 223 | 14146 | 88.1 | 98.1 | 93.1 |
| 45 | 97 | 219 | 12740 | 78.7 | 87.6 | 83.2 |
| 40 | 85 | 214 | 11303 | 69.5 | 77.1 | 73.3 |
| 35 | 74 | 209 | 9950 | 61.2 | 67.8 | 64.5 |
| 30 | 62 | 202 | 8444 | 52.1 | 57.6 | 54.8 |
| 25 | 51 | 195 | 7034 | 43.8 | 48.3 | 46.0 |
| 20 | 41 | 187 | 5724 | 36.1 | 39.8 | 38.0 |
| 15 | 30 | 176 | 4257 | 27.6 | 30.3 | 29.0 |
| 12 | 23 | 166 | 3306 | 21.9 | 24.1 | 23.0 |

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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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100 | 254 | 254 | 29370 | 213.6 | 240.4 | 227.0 |
| 95 | 237 | 251 | 27862 | 198.2 | 223.1 | 210.6 |
| 90 | 222 | 249 | 26472 | 184.7 | 208.0 | 196.4 |
| 85 | 206 | 246 | 24941 | 170.6 | 191.9 | 181.2 |
| 80 | 192 | 244 | 23544 | 158.3 | 178.0 | 168.2 |
| 75 | 177 | 241 | 22009 | 145.3 | 163.2 | 154.2 |
| 70 | 163 | 238 | 20532 | 133.4 | 149.6 | 141.5 |
| 65 | 150 | 235 | 19120 | 122.5 | 137.1 | 129.8 |
| 60 | 137 | 231 | 17673 | 111.8 | 125.0 | 118.4 |
| 55 | 124 | 228 | 16183 | 101.2 | 113.0 | 107.1 |
| 50 | 111 | 224 | 14656 | 90.9 | 101.2 | 96.1 |
| 45 | 99 | 219 | 13212 | 81.4 | 90.5 | 86.0 |
| 40 | 87 | 215 | 11741 | 72.1 | 79.9 | 76.0 |
| 35 | 75 | 209 | 10234 | 62.8 | 69.6 | 66.2 |
| 30 | 64 | 204 | 8830 | 54.4 | 60.1 | 57.2 |
| 25 | 53 | 197 | 7398 | 45.9 | 50.7 | 48.3 |
| 20 | 42 | 188 | 5932 | 37.5 | 41.2 | 39.4 |
| 15 | 31 | 177 | 4444 | 28.8 | 31.7 | 30.2 |
| 11 | 23 | 166 | 3345 | 22.3 | 24.5 | 23.4 |

Photometric test report

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| Family Streetlight 31 maxi | Order number: 5XH4D3AR08SA EAN: 4069025102850 | LP number 59076_2553 |
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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 | 28880 | 212.5 | 239.1 | 225.8 |
| 95 | 237 | 251 | 27431 | 197.1 | 222.0 | 209.6 |
| 90 | 221 | 249 | 25998 | 182.8 | 205.9 | 194.4 |
| 85 | 205 | 246 | 24508 | 168.7 | 189.9 | 179.3 |
| 80 | 191 | 244 | 23149 | 156.5 | 176.0 | 166.2 |
| 75 | 176 | 241 | 21649 | 143.5 | 161.2 | 152.4 |
| 70 | 162 | 238 | 20200 | 131.7 | 147.8 | 139.8 |
| 65 | 149 | 234 | 18813 | 120.9 | 135.4 | 128.2 |
| 60 | 135 | 231 | 17281 | 109.5 | 122.3 | 115.9 |
| 55 | 123 | 227 | 15923 | 99.7 | 111.4 | 105.6 |
| 50 | 110 | 223 | 14414 | 89.5 | 99.6 | 94.6 |
| 45 | 98 | 219 | 12989 | 80.1 | 89.0 | 84.6 |
| 40 | 86 | 214 | 11532 | 70.8 | 78.6 | 74.7 |
| 35 | 75 | 209 | 10165 | 62.3 | 69.1 | 65.7 |
| 30 | 63 | 203 | 8644 | 53.2 | 58.9 | 56.0 |
| 25 | 52 | 196 | 7222 | 44.9 | 49.4 | 47.2 |
| 20 | 41 | 187 | 5767 | 36.4 | 40.1 | 38.2 |
| 15 | 30 | 176 | 4287 | 27.8 | 30.5 | 29.2 |
| 12 | 23 | 166 | 3329 | 22.1 | 24.3 | 23.2 |

Photometric test report

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| Family Streetlight 31 maxi | Order number: 5XH4D3AR08SA EAN: 4069025102850 | LP number 59076_2553 |
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| Luminousfluxs table | siteco |
|----------------------------|---------------|

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 28310.0 | 211.4 |
| 5.0 | 29370.0 | 213.6 |
| 15.0 | 28880.0 | 212.5 |