



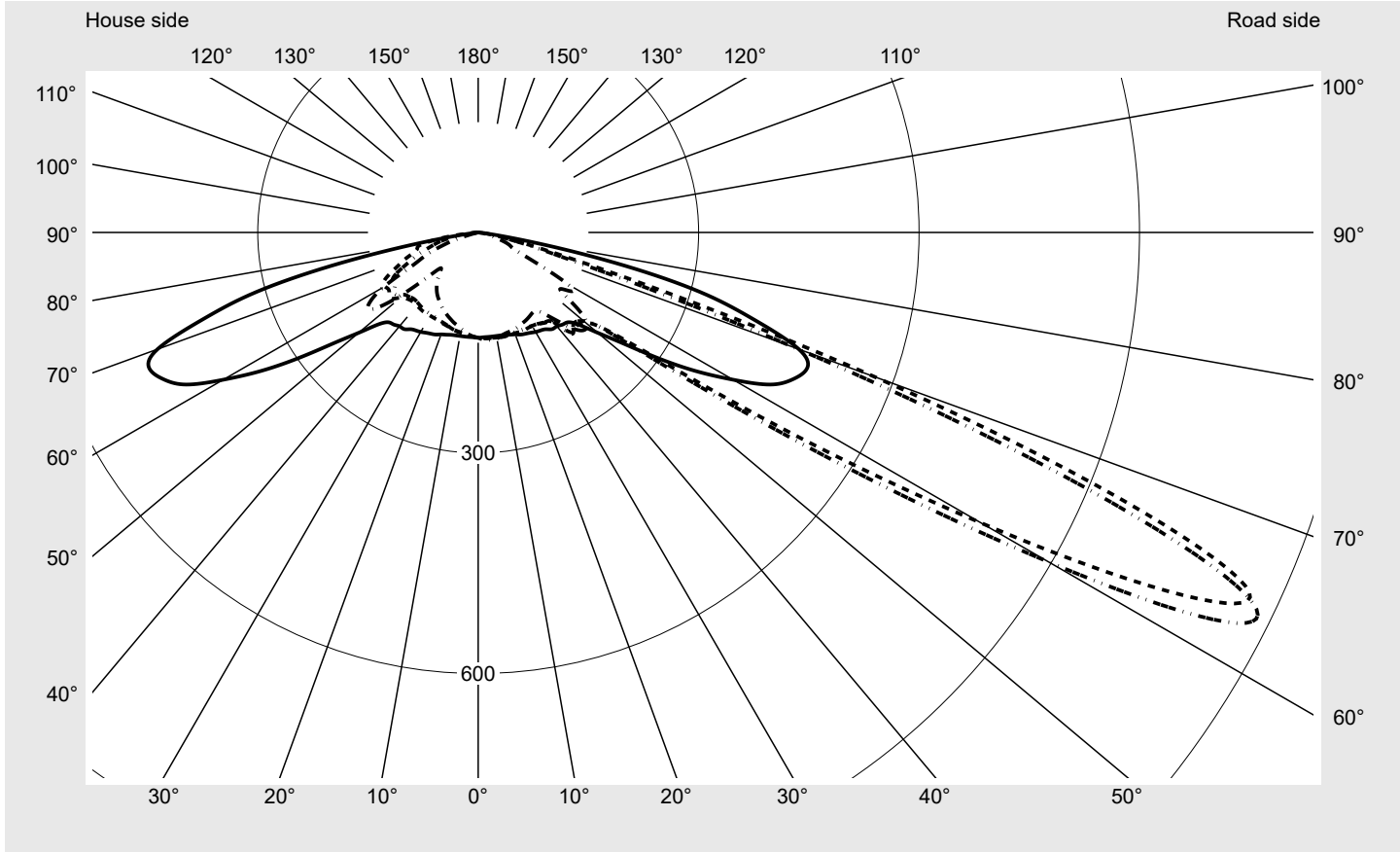
Photometric test report

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| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| | Version post-top or side-entry mounting, NEMA 7 pin (DALI) Optic asymmetric, wide distribution (ST1.5a) Cover toughened safety glass Lamps LED 4000 K CRI ≥ 70 Controlgear ECG-DALI Plus Rated values Net luminous flux = 19830 lm Power consumption = 147.0 W Luminous efficacy = 134.9 lm/W | serial documentation 16.06.2023 |





Luminous intensity in cd/klm C180-0 C215-35 C217,5-37,5 C270-90 **Imax: 1158 cd/klm**



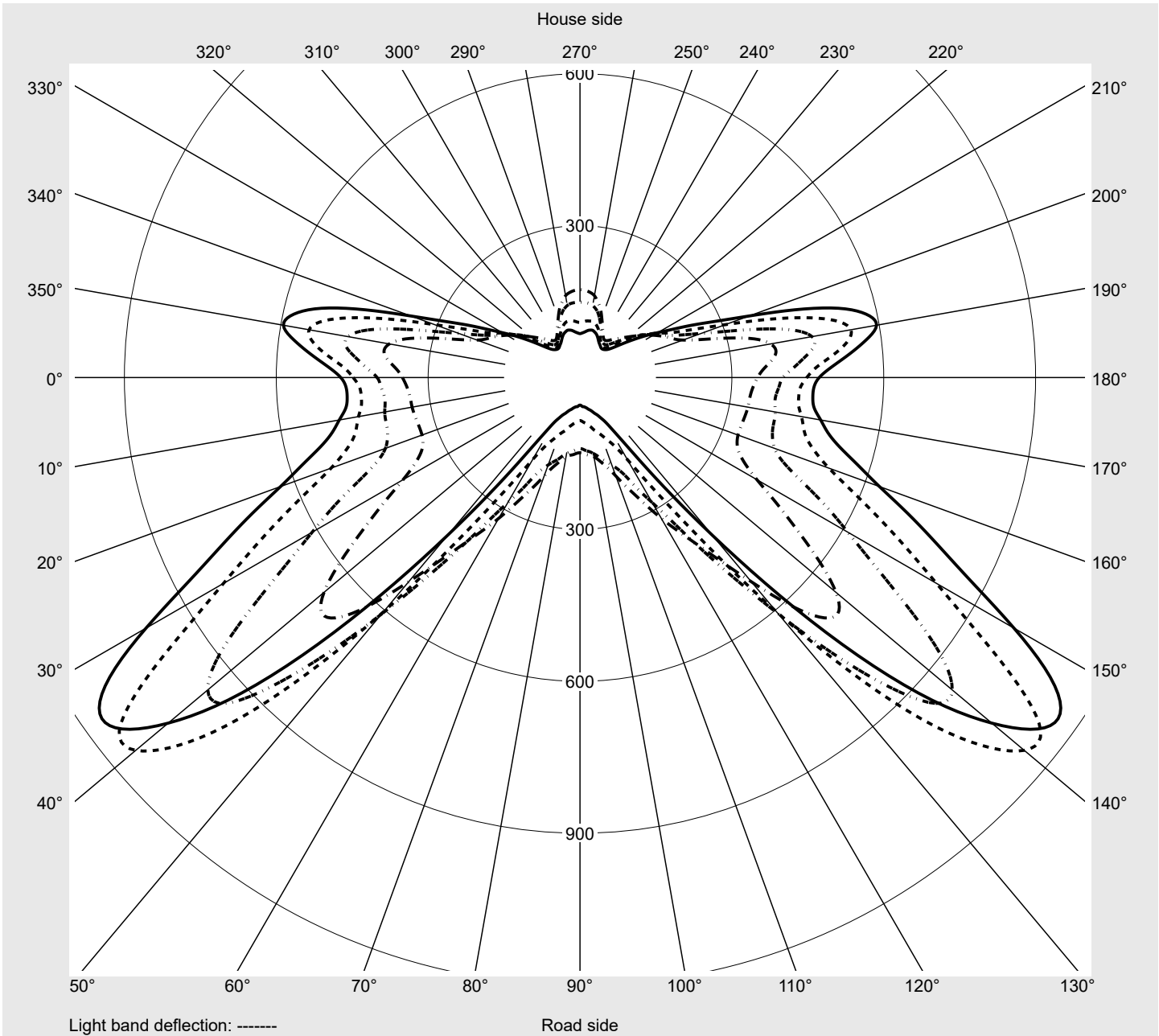
| Luminaire output ratios | |
|---------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |
| Measurement conditions | |
| DIN EN 13032 and DIN 5032 | |

| Luminous intensity class acc. to EN13201-2 | |
|--|-------|
| Class: | --- |
| Imax 70° | 798.1 |
| Imax 80° | 214.2 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Photometric test report

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|---|--|-------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
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Envelope curve in cd/klm **KMK 65°** **KMK 62.5°** **KMK 60°** **KMK 57.5°** **siteco**



Photometric test report

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|--|--|--------------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| 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° | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 |
| 2,5° | 142.8 | 142.8 | 142.8 | 142.9 | 143.1 | 143.1 | 143.1 | 143.2 | 143.3 | 143.4 | 143.5 | 143.6 | 143.7 | 143.8 | 143.9 |
| 5,0° | 142.7 | 142.9 | 143.0 | 143.1 | 143.3 | 143.5 | 143.6 | 143.7 | 143.9 | 143.9 | 144.0 | 144.1 | 144.2 | 144.3 | 144.4 |
| 7,5° | 142.8 | 143.0 | 143.2 | 143.4 | 143.5 | 143.7 | 143.9 | 143.9 | 144.1 | 144.1 | 144.2 | 144.3 | 144.3 | 144.4 | 144.5 |
| 10,0° | 143.0 | 143.3 | 143.5 | 143.6 | 143.9 | 144.0 | 144.0 | 144.1 | 144.2 | 144.3 | 144.4 | 144.5 | 144.7 | 144.8 | 145.1 |
| 12,5° | 143.4 | 143.6 | 143.9 | 144.1 | 144.3 | 144.4 | 144.4 | 144.4 | 144.5 | 144.7 | 144.9 | 145.1 | 145.3 | 145.5 | 145.6 |
| 15,0° | 144.2 | 144.5 | 144.8 | 144.9 | 145.1 | 145.1 | 145.1 | 145.2 | 145.4 | 145.6 | 145.7 | 146.0 | 146.0 | 146.1 | 146.1 |
| 17,5° | 145.8 | 146.0 | 146.1 | 146.2 | 146.1 | 146.1 | 146.3 | 146.6 | 146.9 | 147.3 | 147.5 | 147.4 | 147.2 | 146.6 | 146.1 |
| 20,0° | 147.6 | 147.9 | 147.9 | 147.8 | 147.6 | 147.5 | 148.0 | 148.5 | 149.0 | 149.4 | 149.3 | 149.1 | 148.4 | 147.2 | 145.9 |
| 22,5° | 150.4 | 150.6 | 150.6 | 150.3 | 149.8 | 149.8 | 150.4 | 151.2 | 151.9 | 152.3 | 152.2 | 151.2 | 150.0 | 148.4 | 146.5 |
| 25,0° | 152.1 | 152.6 | 152.7 | 152.4 | 151.8 | 151.8 | 152.5 | 153.5 | 154.3 | 154.7 | 154.1 | 152.8 | 151.0 | 149.1 | 147.2 |
| 27,5° | 153.8 | 154.4 | 154.7 | 154.3 | 153.6 | 153.6 | 154.1 | 154.9 | 155.5 | 155.5 | 154.3 | 152.3 | 150.0 | 148.0 | 146.5 |
| 30,0° | 156.3 | 157.0 | 157.4 | 156.8 | 155.7 | 155.5 | 155.7 | 156.0 | 156.0 | 155.2 | 153.4 | 151.2 | 149.2 | 147.9 | 147.1 |
| 32,5° | 158.1 | 158.9 | 159.8 | 158.7 | 157.2 | 156.8 | 156.8 | 156.5 | 155.9 | 154.8 | 153.4 | 151.9 | 150.7 | 149.5 | 148.5 |
| 35,0° | 160.7 | 161.8 | 162.6 | 162.2 | 160.9 | 160.1 | 159.4 | 158.7 | 158.1 | 157.0 | 155.7 | 154.5 | 153.2 | 152.0 | 151.0 |
| 37,5° | 165.7 | 166.1 | 166.2 | 165.4 | 165.0 | 164.2 | 162.8 | 161.5 | 160.7 | 160.4 | 159.8 | 158.2 | 156.6 | 154.8 | 153.7 |
| 40,0° | 166.6 | 168.0 | 168.8 | 167.7 | 167.3 | 166.7 | 165.5 | 164.1 | 163.2 | 162.3 | 161.4 | 160.3 | 159.5 | 159.1 | 159.4 |
| 42,5° | 170.0 | 170.9 | 171.8 | 172.1 | 171.9 | 171.0 | 169.4 | 168.2 | 166.9 | 166.4 | 165.8 | 167.1 | 170.6 | 177.0 | 183.4 |
| 45,0° | 172.8 | 175.4 | 177.0 | 177.0 | 176.3 | 174.8 | 173.5 | 173.2 | 174.0 | 177.6 | 181.1 | 184.0 | 186.0 | 187.8 | 186.7 |
| 47,5° | 185.7 | 187.3 | 190.2 | 192.0 | 190.4 | 188.4 | 189.3 | 191.3 | 193.7 | 195.3 | 194.9 | 193.8 | 191.8 | 189.0 | 185.1 |
| 50,0° | 212.4 | 217.2 | 220.2 | 221.6 | 222.5 | 223.0 | 223.3 | 222.1 | 219.2 | 214.6 | 208.3 | 202.9 | 198.2 | 194.4 | 191.1 |
| 52,5° | 247.1 | 249.7 | 251.8 | 252.7 | 252.4 | 251.7 | 249.9 | 246.8 | 241.4 | 234.4 | 227.7 | 220.9 | 214.7 | 212.4 | 214.2 |
| 55,0° | 297.3 | 297.7 | 296.4 | 295.8 | 295.4 | 294.0 | 291.1 | 286.7 | 281.1 | 274.7 | 268.6 | 263.1 | 262.8 | 276.5 | 308.0 |
| 57,5° | 350.8 | 343.8 | 339.4 | 337.4 | 336.8 | 335.2 | 333.3 | 332.0 | 332.2 | 335.9 | 345.9 | 367.3 | 403.6 | 458.5 | 522.3 |
| 60,0° | 400.7 | 393.9 | 388.9 | 388.3 | 391.7 | 393.1 | 394.0 | 398.8 | 409.1 | 433.6 | 481.3 | 545.9 | 610.9 | 689.2 | 790.7 |
| 62,5° | 448.1 | 436.0 | 433.8 | 435.8 | 444.3 | 452.1 | 463.5 | 487.0 | 523.4 | 578.3 | 647.3 | 725.1 | 813.3 | 924.2 | 1055.4 |
| 65,0° | 472.5 | 462.3 | 461.7 | 467.0 | 482.8 | 501.3 | 531.4 | 575.9 | 629.5 | 700.3 | 778.1 | 870.7 | 989.9 | 1101.5 | 1157.9 |
| 67,5° | 484.2 | 471.1 | 471.3 | 481.5 | 504.1 | 534.5 | 585.0 | 642.0 | 703.7 | 780.6 | 869.3 | 953.0 | 995.9 | 986.1 | 943.8 |
| 70,0° | 464.4 | 449.7 | 450.7 | 467.4 | 493.7 | 530.1 | 578.7 | 634.7 | 700.5 | 767.2 | 798.1 | 784.8 | 735.5 | 664.7 | 573.7 |
| 72,5° | 392.8 | 388.4 | 393.0 | 413.7 | 440.2 | 469.5 | 503.0 | 541.4 | 565.4 | 566.1 | 534.9 | 483.8 | 414.8 | 333.4 | 252.8 |
| 75,0° | 312.1 | 307.6 | 313.3 | 327.7 | 348.5 | 372.0 | 389.6 | 388.5 | 368.3 | 332.7 | 294.3 | 244.7 | 190.7 | 137.0 | 105.3 |
| 77,5° | 189.9 | 195.2 | 198.5 | 206.5 | 221.1 | 230.8 | 229.7 | 213.5 | 188.8 | 161.7 | 132.1 | 99.8 | 74.0 | 60.2 | 51.1 |
| 80,0° | 70.3 | 62.4 | 59.0 | 57.6 | 57.7 | 62.9 | 73.3 | 71.0 | 58.9 | 47.0 | 36.3 | 30.1 | 27.5 | 25.5 | 23.4 |
| 82,5° | 14.9 | 14.1 | 13.5 | 13.4 | 13.9 | 14.7 | 15.6 | 15.7 | 14.3 | 11.7 | 10.5 | 10.4 | 10.5 | 10.5 | 10.1 |
| 85,0° | 4.1 | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.2 | 4.2 | 4.1 | 4.1 | 4.1 | 4.0 | 4.0 | 3.9 | 3.8 |
| 87,5° | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 |
| 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

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| 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° | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 |
| 2,5° | 144.1 | 144.2 | 144.3 | 144.4 | 144.4 | 144.6 | 144.8 | 144.9 | 145.0 | 145.1 | 145.1 | 145.2 | 145.2 | 145.2 | 145.3 |
| 5,0° | 144.5 | 144.7 | 144.8 | 144.9 | 144.9 | 145.1 | 145.2 | 145.4 | 145.6 | 145.6 | 145.7 | 145.8 | 145.9 | 146.0 | 146.1 |
| 7,5° | 144.7 | 144.9 | 145.1 | 145.2 | 145.4 | 145.6 | 145.8 | 146.1 | 146.2 | 146.5 | 146.7 | 146.8 | 146.9 | 147.0 | 147.1 |
| 10,0° | 145.2 | 145.5 | 145.7 | 145.9 | 146.1 | 146.2 | 146.3 | 146.5 | 146.6 | 146.7 | 146.7 | 146.7 | 146.6 | 146.6 | 146.5 |
| 12,5° | 145.7 | 145.9 | 146.1 | 146.1 | 146.1 | 146.0 | 146.0 | 145.9 | 145.6 | 145.4 | 145.2 | 145.0 | 144.8 | 144.7 | 144.6 |
| 15,0° | 146.1 | 145.9 | 145.6 | 145.1 | 144.7 | 144.3 | 144.0 | 143.8 | 143.5 | 143.3 | 143.0 | 142.7 | 142.5 | 142.4 | 142.3 |
| 17,5° | 145.3 | 144.7 | 144.1 | 143.4 | 142.7 | 142.2 | 141.7 | 141.5 | 141.3 | 141.2 | 141.2 | 141.0 | 141.0 | 140.9 | 141.0 |
| 20,0° | 144.5 | 143.3 | 142.3 | 141.7 | 141.2 | 140.9 | 140.5 | 140.5 | 140.3 | 140.4 | 140.3 | 140.3 | 140.3 | 140.4 | 140.3 |
| 22,5° | 144.7 | 143.2 | 142.2 | 141.4 | 140.9 | 140.6 | 140.5 | 140.3 | 140.1 | 140.1 | 140.1 | 140.1 | 140.1 | 140.0 | 140.0 |
| 25,0° | 145.3 | 143.8 | 142.6 | 141.9 | 141.4 | 141.1 | 140.9 | 140.7 | 140.4 | 140.1 | 139.9 | 139.6 | 139.2 | 139.0 | 138.7 |
| 27,5° | 145.4 | 144.7 | 144.0 | 143.4 | 142.6 | 142.1 | 141.4 | 140.8 | 140.1 | 139.5 | 138.8 | 138.3 | 138.0 | 137.7 | 137.4 |
| 30,0° | 146.6 | 146.3 | 146.1 | 145.6 | 144.4 | 143.1 | 141.8 | 140.7 | 139.7 | 138.9 | 138.3 | 137.6 | 137.1 | 136.7 | 136.2 |
| 32,5° | 147.9 | 148.3 | 149.4 | 149.2 | 147.7 | 145.3 | 143.3 | 141.7 | 140.4 | 139.2 | 138.3 | 137.2 | 136.3 | 135.5 | 134.8 |
| 35,0° | 150.4 | 150.2 | 150.8 | 151.6 | 149.9 | 147.1 | 144.6 | 142.5 | 140.6 | 139.0 | 137.8 | 136.6 | 135.8 | 134.9 | 134.1 |
| 37,5° | 152.8 | 151.9 | 150.7 | 149.7 | 150.1 | 149.1 | 146.8 | 143.8 | 141.6 | 139.8 | 138.4 | 136.9 | 135.7 | 134.7 | 134.1 |
| 40,0° | 161.0 | 164.5 | 168.6 | 171.3 | 172.7 | 172.2 | 170.1 | 166.1 | 160.9 | 154.8 | 148.7 | 143.6 | 140.7 | 139.7 | 140.2 |
| 42,5° | 186.8 | 187.3 | 186.7 | 184.0 | 179.0 | 173.8 | 170.0 | 166.2 | 161.1 | 157.4 | 154.7 | 152.9 | 152.7 | 153.8 | 155.1 |
| 45,0° | 182.8 | 178.9 | 174.1 | 169.8 | 166.6 | 164.1 | 163.1 | 163.3 | 163.6 | 164.9 | 166.2 | 167.6 | 169.7 | 172.0 | 174.0 |
| 47,5° | 180.0 | 176.2 | 173.4 | 171.2 | 170.1 | 170.8 | 172.0 | 175.4 | 179.8 | 184.3 | 187.4 | 189.6 | 191.8 | 193.5 | 194.1 |
| 50,0° | 187.5 | 185.2 | 183.9 | 184.0 | 187.3 | 192.4 | 199.0 | 205.3 | 210.0 | 214.2 | 216.3 | 214.8 | 212.0 | 209.8 | 207.2 |
| 52,5° | 218.8 | 227.2 | 239.6 | 251.9 | 261.3 | 267.0 | 266.2 | 261.5 | 253.9 | 247.3 | 244.9 | 235.9 | 226.3 | 216.2 | 206.7 |
| 55,0° | 351.2 | 391.6 | 419.1 | 432.1 | 429.9 | 408.9 | 375.3 | 339.6 | 313.6 | 292.8 | 274.7 | 252.0 | 228.2 | 207.5 | 190.9 |
| 57,5° | 595.6 | 660.1 | 690.6 | 669.0 | 605.5 | 526.5 | 457.2 | 401.8 | 358.6 | 321.1 | 285.3 | 254.5 | 229.7 | 207.0 | 188.8 |
| 60,0° | 897.1 | 959.8 | 952.8 | 864.4 | 739.0 | 609.8 | 497.0 | 406.8 | 334.3 | 285.2 | 249.3 | 216.0 | 196.1 | 183.8 | 174.5 |
| 62,5° | 1147.2 | 1145.6 | 1075.2 | 953.7 | 783.7 | 604.3 | 437.1 | 316.8 | 238.8 | 187.0 | 157.2 | 140.6 | 129.3 | 119.9 | 112.9 |
| 65,0° | 1140.2 | 1062.0 | 943.2 | 776.3 | 584.1 | 406.2 | 271.7 | 178.5 | 129.0 | 102.9 | 90.7 | 82.1 | 76.9 | 71.7 | 67.6 |
| 67,5° | 852.9 | 715.2 | 554.7 | 398.3 | 252.6 | 153.7 | 106.1 | 81.9 | 70.1 | 64.3 | 61.5 | 59.7 | 59.3 | 58.8 | 56.0 |
| 70,0° | 460.6 | 337.8 | 231.0 | 155.4 | 103.2 | 75.1 | 62.5 | 55.5 | 51.5 | 49.6 | 48.1 | 46.9 | 45.9 | 46.1 | 46.2 |
| 72,5° | 182.3 | 140.9 | 106.6 | 78.2 | 58.1 | 47.0 | 41.2 | 38.6 | 37.0 | 36.0 | 35.6 | 34.2 | 33.6 | 32.9 | 27.9 |
| 75,0° | 85.2 | 71.5 | 56.9 | 44.0 | 35.4 | 29.8 | 27.3 | 26.0 | 25.1 | 24.5 | 24.2 | 23.4 | 22.1 | 19.8 | 19.4 |
| 77,5° | 44.0 | 38.2 | 31.8 | 25.6 | 21.3 | 19.0 | 18.3 | 17.5 | 16.9 | 16.5 | 16.3 | 15.8 | 15.2 | 14.8 | 14.4 |
| 80,0° | 21.2 | 19.3 | 16.6 | 14.1 | 12.4 | 11.8 | 11.6 | 11.4 | 11.0 | 10.9 | 10.7 | 10.4 | 10.1 | 9.9 | 9.7 |
| 82,5° | 9.4 | 8.9 | 8.3 | 7.5 | 6.9 | 6.6 | 6.7 | 6.7 | 6.6 | 6.4 | 6.3 | 6.2 | 6.0 | 5.8 | 5.8 |
| 85,0° | 3.6 | 3.6 | 3.5 | 3.3 | 3.2 | 3.2 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.8 | 2.8 | 2.6 | 2.6 |
| 87,5° | 1.7 | 1.6 | 1.6 | 1.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.3 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 0.9 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| 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° | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 |
| 2,5° | 145.3 | 145.4 | 145.4 | 145.5 | 145.6 | 145.6 | 145.6 | 142.6 | 142.5 | 142.3 | 142.2 | 142.2 | 142.1 | 142.1 | 142.1 |
| 5,0° | 146.1 | 146.2 | 146.3 | 146.4 | 146.4 | 146.5 | 146.5 | 142.6 | 142.3 | 142.0 | 141.8 | 141.7 | 141.5 | 141.4 | 141.3 |
| 7,5° | 147.2 | 147.2 | 147.4 | 147.4 | 147.4 | 147.4 | 147.4 | 142.5 | 142.2 | 141.9 | 141.5 | 141.3 | 141.0 | 140.9 | 140.6 |
| 10,0° | 146.5 | 146.6 | 146.6 | 146.5 | 146.5 | 146.5 | 146.5 | 142.6 | 142.2 | 141.8 | 141.4 | 141.0 | 140.9 | 140.5 | 140.2 |
| 12,5° | 144.4 | 144.5 | 144.4 | 144.4 | 144.3 | 144.3 | 144.2 | 142.9 | 142.4 | 142.0 | 141.5 | 141.1 | 140.7 | 140.4 | 139.9 |
| 15,0° | 142.2 | 142.2 | 142.3 | 142.3 | 142.3 | 142.3 | 142.2 | 143.8 | 143.3 | 142.8 | 142.3 | 141.9 | 141.5 | 141.2 | 140.7 |
| 17,5° | 141.1 | 141.2 | 141.3 | 141.4 | 141.4 | 141.4 | 141.4 | 145.2 | 144.8 | 144.3 | 143.6 | 143.0 | 142.4 | 141.8 | 140.8 |
| 20,0° | 140.4 | 140.5 | 140.5 | 140.7 | 140.8 | 140.8 | 140.8 | 147.3 | 146.5 | 145.6 | 144.8 | 143.9 | 143.0 | 141.8 | 140.5 |
| 22,5° | 139.9 | 139.8 | 139.7 | 139.7 | 139.6 | 139.7 | 139.6 | 149.4 | 148.7 | 147.6 | 146.5 | 145.5 | 144.1 | 142.5 | 140.9 |
| 25,0° | 138.4 | 138.1 | 138.0 | 137.9 | 137.9 | 137.9 | 137.9 | 151.2 | 150.2 | 149.3 | 148.4 | 147.4 | 145.6 | 143.9 | 142.0 |
| 27,5° | 137.1 | 136.8 | 136.6 | 136.5 | 136.6 | 136.5 | 136.6 | 152.7 | 151.8 | 150.9 | 149.9 | 148.7 | 147.0 | 145.2 | 143.3 |
| 30,0° | 135.8 | 135.5 | 135.2 | 135.0 | 134.9 | 134.9 | 134.9 | 155.2 | 153.9 | 152.7 | 151.4 | 149.7 | 147.9 | 146.1 | 144.4 |
| 32,5° | 134.2 | 133.8 | 133.5 | 133.2 | 133.0 | 132.9 | 133.0 | 156.7 | 155.1 | 153.8 | 152.3 | 150.5 | 148.7 | 147.0 | 145.0 |
| 35,0° | 133.5 | 133.0 | 132.6 | 132.3 | 132.1 | 131.9 | 131.7 | 159.5 | 158.1 | 156.8 | 154.7 | 152.5 | 150.7 | 148.8 | 146.6 |
| 37,5° | 134.1 | 134.6 | 135.3 | 135.8 | 135.6 | 135.3 | 135.3 | 164.1 | 162.4 | 160.4 | 157.6 | 155.1 | 152.7 | 150.7 | 148.2 |
| 40,0° | 141.5 | 143.4 | 145.4 | 147.7 | 148.3 | 148.1 | 148.2 | 165.1 | 164.0 | 162.6 | 160.2 | 157.7 | 155.5 | 153.2 | 150.2 |
| 42,5° | 156.6 | 158.9 | 161.5 | 164.4 | 166.1 | 166.3 | 166.6 | 167.6 | 166.7 | 164.7 | 162.6 | 160.7 | 158.1 | 155.4 | 152.1 |
| 45,0° | 175.6 | 177.6 | 179.9 | 182.7 | 184.9 | 185.8 | 186.2 | 171.1 | 169.4 | 167.5 | 165.8 | 163.4 | 161.1 | 158.2 | 154.7 |
| 47,5° | 193.8 | 193.5 | 193.6 | 194.5 | 196.0 | 196.2 | 196.3 | 180.0 | 178.3 | 175.0 | 171.8 | 168.7 | 165.6 | 162.4 | 158.6 |
| 50,0° | 204.0 | 200.6 | 199.2 | 198.4 | 196.3 | 193.5 | 192.8 | 212.1 | 205.3 | 200.3 | 195.6 | 190.4 | 185.6 | 180.4 | 173.7 |
| 52,5° | 197.6 | 189.8 | 183.6 | 178.6 | 174.9 | 172.1 | 170.8 | 243.5 | 242.7 | 237.2 | 226.1 | 212.7 | 202.8 | 194.8 | 186.6 |
| 55,0° | 177.1 | 164.9 | 154.2 | 146.9 | 142.0 | 137.7 | 136.4 | 306.3 | 307.5 | 309.4 | 296.7 | 269.6 | 235.8 | 209.4 | 194.7 |
| 57,5° | 176.5 | 166.2 | 159.0 | 155.0 | 152.9 | 149.8 | 148.6 | 362.1 | 379.4 | 390.6 | 382.5 | 352.8 | 300.9 | 249.5 | 216.4 |
| 60,0° | 167.1 | 158.5 | 152.4 | 147.8 | 145.2 | 141.9 | 140.3 | 421.2 | 444.2 | 465.8 | 465.4 | 432.2 | 370.1 | 303.7 | 255.1 |
| 62,5° | 107.3 | 100.2 | 95.5 | 91.5 | 89.0 | 86.4 | 85.0 | 467.6 | 500.7 | 531.6 | 543.3 | 518.0 | 456.8 | 379.0 | 305.5 |
| 65,0° | 64.9 | 61.8 | 59.7 | 58.1 | 57.6 | 55.5 | 54.5 | 498.8 | 534.5 | 570.4 | 594.8 | 578.8 | 528.7 | 445.1 | 355.5 |
| 67,5° | 53.4 | 51.7 | 50.7 | 49.7 | 48.7 | 47.1 | 47.2 | 511.9 | 544.5 | 577.9 | 603.6 | 591.4 | 551.6 | 488.4 | 410.8 |
| 70,0° | 43.2 | 41.3 | 40.3 | 39.7 | 39.7 | 39.7 | 39.6 | 483.2 | 514.9 | 547.5 | 567.8 | 560.5 | 538.9 | 500.0 | 449.0 |
| 72,5° | 25.2 | 23.6 | 23.4 | 23.5 | 30.6 | 32.6 | 28.2 | 418.6 | 437.7 | 467.2 | 483.2 | 493.6 | 490.6 | 479.8 | 460.1 |
| 75,0° | 19.3 | 18.6 | 18.2 | 18.1 | 30.1 | 24.0 | 20.9 | 317.6 | 333.1 | 354.8 | 376.5 | 394.0 | 408.6 | 419.8 | 423.9 |
| 77,5° | 13.9 | 13.6 | 13.2 | 13.1 | 14.9 | 14.6 | 14.3 | 205.9 | 210.9 | 224.6 | 243.3 | 263.8 | 286.8 | 308.4 | 326.0 |
| 80,0° | 9.3 | 8.9 | 8.7 | 8.6 | 8.8 | 8.9 | 9.2 | 74.8 | 83.6 | 95.3 | 110.3 | 128.9 | 151.2 | 174.9 | 196.6 |
| 82,5° | 5.5 | 5.2 | 5.0 | 4.9 | 4.9 | 5.3 | 5.5 | 17.3 | 18.5 | 21.3 | 25.4 | 31.0 | 39.7 | 52.1 | 68.0 |
| 85,0° | 2.4 | 2.4 | 2.4 | 2.3 | 2.4 | 2.3 | 2.3 | 3.8 | 4.0 | 4.0 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 |
| 87,5° | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| 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° | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 |
| 2,5° | 142.0 | 141.9 | 141.9 | 141.9 | 141.8 | 141.8 | 141.9 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.7 |
| 5,0° | 141.2 | 140.9 | 140.9 | 140.9 | 140.8 | 140.7 | 140.6 | 140.4 | 140.3 | 140.2 | 140.1 | 140.1 | 140.0 | 139.8 | 139.9 |
| 7,5° | 140.4 | 140.1 | 140.0 | 139.7 | 139.6 | 139.3 | 139.2 | 139.0 | 138.8 | 138.7 | 138.5 | 138.4 | 138.3 | 138.1 | 137.9 |
| 10,0° | 139.9 | 139.6 | 139.2 | 139.0 | 138.8 | 138.4 | 138.1 | 137.7 | 137.2 | 136.9 | 136.4 | 136.0 | 135.7 | 135.3 | 134.9 |
| 12,5° | 139.6 | 139.3 | 139.0 | 138.7 | 138.1 | 137.6 | 137.1 | 136.4 | 135.9 | 135.4 | 134.9 | 134.4 | 133.8 | 133.2 | 132.8 |
| 15,0° | 140.2 | 139.6 | 138.8 | 138.0 | 137.3 | 136.6 | 135.9 | 135.1 | 134.3 | 133.6 | 132.8 | 131.9 | 131.1 | 130.4 | 129.8 |
| 17,5° | 139.7 | 138.5 | 137.5 | 136.4 | 135.4 | 134.6 | 133.9 | 133.2 | 132.3 | 131.4 | 130.6 | 129.8 | 129.0 | 128.3 | 127.5 |
| 20,0° | 139.1 | 137.8 | 136.6 | 135.4 | 134.4 | 133.3 | 132.3 | 131.4 | 130.4 | 129.4 | 128.5 | 127.6 | 126.8 | 125.9 | 125.3 |
| 22,5° | 139.3 | 137.8 | 136.4 | 135.2 | 133.8 | 132.4 | 131.1 | 129.8 | 128.5 | 127.4 | 126.3 | 125.4 | 124.4 | 123.6 | 123.0 |
| 25,0° | 140.1 | 138.4 | 136.7 | 134.9 | 133.2 | 131.5 | 129.9 | 128.5 | 126.9 | 125.5 | 124.5 | 123.3 | 122.4 | 121.4 | 120.6 |
| 27,5° | 141.3 | 139.2 | 137.1 | 134.9 | 132.8 | 131.0 | 129.1 | 127.2 | 125.6 | 124.0 | 122.8 | 121.6 | 120.3 | 119.1 | 118.2 |
| 30,0° | 142.2 | 140.0 | 137.6 | 135.3 | 132.9 | 130.7 | 128.7 | 126.7 | 124.8 | 122.9 | 121.3 | 119.9 | 118.3 | 116.9 | 115.6 |
| 32,5° | 142.9 | 140.5 | 138.3 | 135.8 | 133.2 | 130.8 | 128.5 | 126.2 | 123.9 | 121.9 | 119.9 | 118.2 | 116.5 | 114.8 | 113.1 |
| 35,0° | 144.0 | 141.3 | 138.6 | 135.9 | 133.3 | 131.0 | 128.2 | 125.6 | 122.9 | 120.5 | 118.2 | 116.0 | 114.1 | 112.2 | 110.5 |
| 37,5° | 145.2 | 142.2 | 139.2 | 136.3 | 133.5 | 130.3 | 127.4 | 124.7 | 121.8 | 118.7 | 116.0 | 113.6 | 111.4 | 109.5 | 107.9 |
| 40,0° | 146.9 | 143.5 | 140.1 | 136.9 | 133.5 | 129.9 | 126.4 | 123.1 | 120.3 | 117.3 | 114.2 | 111.2 | 108.6 | 106.5 | 104.9 |
| 42,5° | 148.3 | 144.3 | 140.5 | 137.2 | 133.5 | 129.6 | 125.7 | 122.1 | 118.7 | 115.6 | 112.2 | 109.2 | 106.0 | 103.3 | 101.0 |
| 45,0° | 150.4 | 146.1 | 141.8 | 137.8 | 134.0 | 130.3 | 126.3 | 122.5 | 118.4 | 114.9 | 111.1 | 107.4 | 103.6 | 99.7 | 96.4 |
| 47,5° | 154.1 | 149.6 | 145.6 | 141.5 | 137.5 | 132.9 | 128.8 | 124.5 | 120.0 | 115.9 | 112.0 | 107.6 | 103.4 | 99.2 | 94.9 |
| 50,0° | 166.8 | 160.9 | 155.2 | 149.5 | 143.5 | 137.9 | 131.6 | 126.4 | 122.1 | 117.8 | 113.2 | 108.3 | 104.2 | 100.6 | 97.6 |
| 52,5° | 179.8 | 174.5 | 170.1 | 164.1 | 156.2 | 147.8 | 139.1 | 130.8 | 123.7 | 117.4 | 111.7 | 105.9 | 101.2 | 98.0 | 96.6 |
| 55,0° | 185.2 | 177.8 | 170.1 | 162.7 | 154.9 | 147.7 | 140.2 | 134.0 | 127.2 | 119.1 | 111.1 | 103.6 | 97.7 | 94.2 | 93.3 |
| 57,5° | 199.9 | 189.5 | 178.3 | 167.1 | 155.5 | 144.5 | 134.5 | 125.1 | 116.9 | 109.6 | 103.4 | 97.8 | 92.4 | 89.1 | 88.8 |
| 60,0° | 220.3 | 197.3 | 182.2 | 170.4 | 157.7 | 146.8 | 134.4 | 121.2 | 108.5 | 98.4 | 90.5 | 84.7 | 81.8 | 81.5 | 82.9 |
| 62,5° | 252.5 | 213.6 | 190.4 | 175.7 | 159.1 | 144.8 | 128.9 | 112.2 | 98.3 | 87.7 | 81.0 | 76.8 | 75.3 | 76.6 | 78.9 |
| 65,0° | 290.5 | 245.2 | 206.5 | 177.3 | 153.7 | 132.3 | 113.9 | 98.3 | 86.6 | 78.9 | 74.8 | 72.4 | 71.4 | 72.1 | 74.4 |
| 67,5° | 339.6 | 279.5 | 227.5 | 177.0 | 142.6 | 117.7 | 98.8 | 85.5 | 76.4 | 71.1 | 68.2 | 66.4 | 65.4 | 65.9 | 67.6 |
| 70,0° | 393.3 | 334.0 | 256.5 | 185.8 | 133.6 | 105.7 | 86.3 | 74.3 | 67.3 | 63.1 | 60.3 | 58.7 | 58.0 | 57.8 | 59.4 |
| 72,5° | 430.2 | 379.5 | 299.1 | 206.5 | 133.5 | 92.5 | 71.9 | 61.6 | 56.0 | 52.6 | 50.3 | 48.5 | 47.7 | 47.8 | 49.6 |
| 75,0° | 415.5 | 386.9 | 326.1 | 231.4 | 141.2 | 86.0 | 60.7 | 50.0 | 44.1 | 40.5 | 38.4 | 37.2 | 37.1 | 37.4 | 38.3 |
| 77,5° | 334.1 | 328.0 | 299.2 | 241.7 | 154.5 | 82.0 | 48.4 | 36.8 | 31.1 | 28.1 | 26.7 | 25.5 | 25.2 | 25.7 | 26.4 |
| 80,0° | 211.1 | 214.2 | 200.9 | 168.0 | 117.3 | 62.4 | 29.3 | 20.8 | 17.4 | 15.4 | 14.2 | 13.9 | 13.9 | 14.3 | 13.9 |
| 82,5° | 78.3 | 80.0 | 78.5 | 71.8 | 58.2 | 35.0 | 15.2 | 8.8 | 7.4 | 6.4 | 5.7 | 5.3 | 5.4 | 5.7 | 5.6 |
| 85,0° | 3.8 | 3.8 | 4.0 | 4.1 | 4.3 | 4.2 | 3.4 | 2.7 | 2.4 | 2.3 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 |
| 87,5° | 1.9 | 1.8 | 1.8 | 1.6 | 1.6 | 1.5 | 1.5 | 1.3 | 1.3 | 1.3 | 1.1 | 1.1 | 1.1 | 1.1 | 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

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| 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° | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 143.3 | 0.2 | 0.2 |
| 2,5° | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.9 | 141.8 | 141.8 | 141.8 | 141.8 | 141.8 | 141.9 | 141.9 | 1.7 | 1.9 |
| 5,0° | 139.8 | 139.7 | 139.8 | 139.7 | 139.7 | 139.6 | 139.6 | 139.7 | 139.6 | 139.6 | 139.7 | 139.7 | 139.6 | 3.4 | 5.3 |
| 7,5° | 137.7 | 137.5 | 137.4 | 137.2 | 137.1 | 137.0 | 136.8 | 136.7 | 136.7 | 136.6 | 136.6 | 136.6 | 136.6 | 5.1 | 10.4 |
| 10,0° | 134.7 | 134.5 | 134.1 | 133.9 | 133.6 | 133.5 | 133.3 | 133.2 | 133.2 | 133.2 | 133.1 | 133.1 | 133.2 | 6.7 | 17.1 |
| 12,5° | 132.3 | 131.9 | 131.5 | 131.1 | 130.8 | 130.5 | 130.2 | 130.0 | 129.9 | 129.8 | 129.8 | 129.7 | 129.8 | 8.3 | 25.5 |
| 15,0° | 129.2 | 128.7 | 128.1 | 127.7 | 127.4 | 127.2 | 127.0 | 126.9 | 127.0 | 127.0 | 127.1 | 127.2 | 127.2 | 9.9 | 35.3 |
| 17,5° | 126.8 | 126.2 | 125.5 | 125.1 | 124.6 | 124.3 | 124.2 | 124.0 | 124.0 | 123.9 | 124.0 | 123.9 | 123.9 | 11.4 | 46.7 |
| 20,0° | 124.7 | 124.2 | 123.5 | 122.9 | 122.3 | 121.8 | 121.4 | 121.1 | 120.9 | 120.8 | 120.8 | 120.8 | 120.8 | 12.9 | 59.6 |
| 22,5° | 122.4 | 121.8 | 121.2 | 120.6 | 119.8 | 119.1 | 118.5 | 118.1 | 117.8 | 117.6 | 117.6 | 117.5 | 117.4 | 14.4 | 74.0 |
| 25,0° | 119.7 | 119.1 | 118.3 | 117.7 | 116.9 | 116.1 | 115.6 | 115.1 | 114.5 | 114.3 | 114.2 | 114.1 | 114.2 | 15.9 | 89.9 |
| 27,5° | 117.0 | 116.1 | 115.3 | 114.7 | 113.9 | 113.2 | 112.5 | 111.8 | 111.1 | 110.6 | 110.3 | 110.1 | 110.1 | 17.3 | 107.2 |
| 30,0° | 114.3 | 113.3 | 112.4 | 111.5 | 110.7 | 110.0 | 109.2 | 108.5 | 107.8 | 107.0 | 106.6 | 106.5 | 106.4 | 18.6 | 125.8 |
| 32,5° | 111.8 | 110.6 | 109.5 | 108.5 | 107.6 | 106.7 | 105.9 | 105.2 | 104.4 | 103.6 | 103.1 | 102.7 | 102.7 | 20.0 | 145.8 |
| 35,0° | 109.1 | 107.8 | 106.6 | 105.6 | 104.4 | 103.3 | 102.3 | 101.5 | 100.6 | 99.6 | 98.8 | 98.2 | 98.1 | 21.4 | 167.2 |
| 37,5° | 106.5 | 105.1 | 103.7 | 102.4 | 101.0 | 99.3 | 98.0 | 96.9 | 95.9 | 94.8 | 93.8 | 93.0 | 92.8 | 22.8 | 190.0 |
| 40,0° | 103.2 | 101.4 | 99.7 | 98.0 | 96.0 | 93.8 | 92.0 | 90.9 | 89.8 | 88.6 | 87.6 | 86.9 | 86.8 | 24.7 | 214.6 |
| 42,5° | 98.6 | 96.1 | 93.4 | 90.9 | 88.6 | 86.1 | 84.7 | 83.9 | 82.1 | 80.4 | 79.4 | 78.7 | 78.7 | 26.6 | 241.3 |
| 45,0° | 92.8 | 89.4 | 86.2 | 83.0 | 80.4 | 77.9 | 76.4 | 75.7 | 74.4 | 73.1 | 72.5 | 71.9 | 71.7 | 28.4 | 269.7 |
| 47,5° | 90.8 | 87.5 | 84.4 | 82.0 | 80.0 | 78.3 | 77.1 | 77.0 | 76.7 | 76.5 | 76.6 | 76.5 | 76.4 | 31.1 | 300.7 |
| 50,0° | 95.5 | 94.6 | 94.8 | 96.3 | 98.8 | 101.6 | 104.9 | 109.2 | 112.6 | 115.5 | 117.9 | 119.1 | 119.4 | 35.8 | 336.5 |
| 52,5° | 97.6 | 100.0 | 104.4 | 110.6 | 118.5 | 126.5 | 134.5 | 142.9 | 149.7 | 155.3 | 159.0 | 161.2 | 161.7 | 41.6 | 378.2 |
| 55,0° | 96.1 | 101.2 | 108.2 | 117.3 | 128.1 | 139.3 | 149.5 | 159.6 | 168.4 | 174.7 | 179.0 | 181.7 | 182.0 | 50.3 | 428.5 |
| 57,5° | 92.0 | 97.7 | 105.7 | 115.2 | 125.6 | 137.4 | 147.7 | 156.0 | 164.1 | 168.5 | 171.3 | 173.0 | 173.5 | 62.1 | 490.5 |
| 60,0° | 86.4 | 92.0 | 99.3 | 107.9 | 116.7 | 125.7 | 134.1 | 140.1 | 144.4 | 147.1 | 148.2 | 148.8 | 148.9 | 73.7 | 564.2 |
| 62,5° | 82.3 | 86.6 | 92.5 | 98.5 | 103.8 | 108.3 | 112.0 | 113.8 | 113.3 | 112.8 | 111.5 | 109.6 | 109.0 | 81.0 | 645.2 |
| 65,0° | 77.0 | 80.1 | 84.5 | 88.9 | 92.5 | 94.7 | 96.5 | 96.0 | 94.6 | 92.1 | 89.7 | 87.9 | 86.8 | 81.9 | 727.1 |
| 67,5° | 71.0 | 74.2 | 78.2 | 81.7 | 83.6 | 84.2 | 84.2 | 82.0 | 79.9 | 77.4 | 74.4 | 72.9 | 71.2 | 75.6 | 802.6 |
| 70,0° | 62.4 | 65.9 | 69.3 | 72.3 | 71.9 | 69.4 | 67.1 | 62.8 | 60.2 | 56.1 | 54.8 | 52.6 | 50.9 | 64.8 | 867.5 |
| 72,5° | 51.7 | 55.1 | 56.3 | 57.8 | 55.6 | 52.7 | 49.5 | 43.5 | 40.9 | 37.7 | 40.4 | 36.4 | 33.9 | 51.4 | 918.8 |
| 75,0° | 40.3 | 40.8 | 40.7 | 39.5 | 38.9 | 34.0 | 24.1 | 14.9 | 12.9 | 12.3 | 18.1 | 12.0 | 11.0 | 38.4 | 957.2 |
| 77,5° | 26.4 | 26.6 | 26.8 | 23.3 | 15.7 | 8.2 | 7.0 | 6.6 | 6.4 | 5.6 | 5.3 | 4.7 | 4.7 | 25.3 | 982.6 |
| 80,0° | 14.0 | 13.2 | 11.4 | 6.5 | 4.5 | 4.0 | 3.4 | 3.2 | 3.0 | 2.4 | 1.9 | 1.7 | 1.8 | 12.1 | 994.7 |
| 82,5° | 5.4 | 4.7 | 3.5 | 2.7 | 2.4 | 2.1 | 1.9 | 1.7 | 1.5 | 1.2 | 1.1 | 1.1 | 1.0 | 4.2 | 998.8 |
| 85,0° | 1.5 | 1.5 | 1.4 | 1.2 | 1.2 | 1.1 | 1.0 | 0.9 | 0.9 | 0.7 | 0.7 | 0.7 | 0.6 | 0.8 | 999.6 |
| 87,5° | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.4 | 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 easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
| Dimming levels table | | siteco |
| environmental temperature: 25°C | | |

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
| | | | | start of lifetime | end of lifetime | average |
| 100 | 254 | 254 | 19830 | 147.0 | 155.2 | 151.1 |
| 95 | 237 | 251 | 18836 | 137.0 | 144.6 | 140.8 |
| 90 | 221 | 249 | 17860 | 127.5 | 134.7 | 131.1 |
| 85 | 205 | 246 | 16846 | 118.4 | 124.8 | 121.6 |
| 80 | 190 | 243 | 15857 | 109.7 | 115.7 | 112.7 |
| 75 | 176 | 241 | 14897 | 101.7 | 107.2 | 104.4 |
| 70 | 162 | 238 | 13908 | 93.8 | 98.8 | 96.3 |
| 65 | 148 | 234 | 12893 | 85.9 | 90.5 | 88.2 |
| 60 | 135 | 231 | 11913 | 78.6 | 82.8 | 80.7 |
| 55 | 122 | 227 | 10905 | 71.4 | 75.1 | 73.2 |
| 50 | 110 | 223 | 9950 | 64.8 | 68.1 | 66.4 |
| 45 | 97 | 219 | 8890 | 57.6 | 60.5 | 59.0 |
| 40 | 86 | 214 | 7965 | 51.6 | 54.2 | 52.9 |
| 35 | 74 | 209 | 6938 | 44.9 | 47.3 | 46.1 |
| 30 | 63 | 203 | 5977 | 38.9 | 40.9 | 39.9 |
| 25 | 52 | 196 | 4994 | 33.0 | 34.5 | 33.8 |
| 20 | 41 | 187 | 3990 | 27.1 | 28.3 | 27.7 |
| 15 | 30 | 176 | 2965 | 21.2 | 22.1 | 21.6 |
| 13 | 25 | 169 | 2494 | 18.5 | 19.2 | 18.8 |

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| Dimming levels table | environmental temperature: 5°C |
|-----------------------------|--------------------------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
| | | | | start of lifetime | end of lifetime | average |
| 100 | 254 | 254 | 20540 | 148.5 | 156.9 | 152.7 |
| 95 | 238 | 252 | 19530 | 139.0 | 146.8 | 142.9 |
| 90 | 222 | 249 | 18485 | 129.6 | 136.9 | 133.2 |
| 85 | 207 | 247 | 17474 | 120.9 | 127.5 | 124.2 |
| 80 | 192 | 244 | 16430 | 112.1 | 118.4 | 115.2 |
| 75 | 178 | 241 | 15424 | 104.1 | 109.8 | 107.0 |
| 70 | 164 | 238 | 14393 | 96.1 | 101.3 | 98.7 |
| 65 | 150 | 235 | 13335 | 88.2 | 92.8 | 90.5 |
| 60 | 137 | 231 | 12322 | 80.8 | 85.1 | 82.9 |
| 55 | 124 | 228 | 11285 | 73.5 | 77.3 | 75.4 |
| 50 | 112 | 224 | 10303 | 66.8 | 70.2 | 68.5 |
| 45 | 99 | 219 | 9217 | 59.5 | 62.5 | 61.0 |
| 40 | 87 | 215 | 8186 | 52.8 | 55.5 | 54.2 |
| 35 | 76 | 210 | 7224 | 46.7 | 49.2 | 48.0 |
| 30 | 64 | 204 | 6156 | 40.1 | 42.0 | 41.0 |
| 25 | 53 | 197 | 5156 | 34.0 | 35.6 | 34.8 |
| 20 | 42 | 188 | 4137 | 28.1 | 29.2 | 28.6 |
| 15 | 31 | 177 | 3098 | 22.1 | 23.0 | 22.6 |
| 12 | 25 | 169 | 2525 | 18.8 | 19.6 | 19.2 |

Photometric test report

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| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
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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 | 20210 | 147.7 | 156.0 | 151.8 |
| 95 | 237 | 251 | 19174 | 137.8 | 145.4 | 141.6 |
| 90 | 221 | 249 | 18160 | 128.2 | 135.4 | 131.8 |
| 85 | 206 | 246 | 17177 | 119.6 | 126.1 | 122.8 |
| 80 | 191 | 244 | 16160 | 111.0 | 117.1 | 114.0 |
| 75 | 177 | 241 | 15175 | 102.9 | 108.5 | 105.7 |
| 70 | 163 | 238 | 14164 | 94.9 | 100.0 | 97.4 |
| 65 | 149 | 234 | 13125 | 87.0 | 91.6 | 89.3 |
| 60 | 136 | 231 | 12127 | 79.7 | 83.9 | 81.8 |
| 55 | 123 | 227 | 11104 | 72.5 | 76.2 | 74.4 |
| 50 | 111 | 224 | 10135 | 65.7 | 69.1 | 67.4 |
| 45 | 98 | 219 | 9061 | 58.5 | 61.5 | 60.0 |
| 40 | 87 | 215 | 8126 | 52.5 | 55.1 | 53.8 |
| 35 | 75 | 209 | 7086 | 45.8 | 48.2 | 47.0 |
| 30 | 63 | 203 | 6026 | 39.2 | 41.2 | 40.2 |
| 25 | 52 | 196 | 5033 | 33.2 | 34.8 | 34.0 |
| 20 | 41 | 187 | 4020 | 27.3 | 28.5 | 27.9 |
| 15 | 30 | 176 | 2986 | 21.3 | 22.2 | 21.8 |
| 12 | 25 | 169 | 2512 | 18.7 | 19.4 | 19.0 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7P47N08MB EAN: 4058352898291 | LP number 59337_466 |
|---|--|--------------------------------------|

Luminousfluxs table



| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 19830.0 | 147.0 |
| 5.0 | 20540.0 | 148.5 |
| 15.0 | 20210.0 | 147.7 |