

Photometric test report

Family
Streetlight 21 midi LED

Order number: 5XE3H33T08MB
EAN: 4058352729694

LP number
59066_287



| | |
|---------------------|---|
| Version | post-top or side-entry mounting, Smart Interface up/down |
| Optic | asymmetric distribution (PL52) |
| Cover | toughened safety glass |
| Lamps | LED 3000 K CRI ≥ 70 |
| Controlgear | EVG-Smart Interface |
| Rated values | Net luminous flux = 17960 lm Power consumption = 136.0 W Luminous efficacy = 132.1 lm/W |

serial
documentation
15.07.2022

sitEco

Luminous intensity in cd/klm

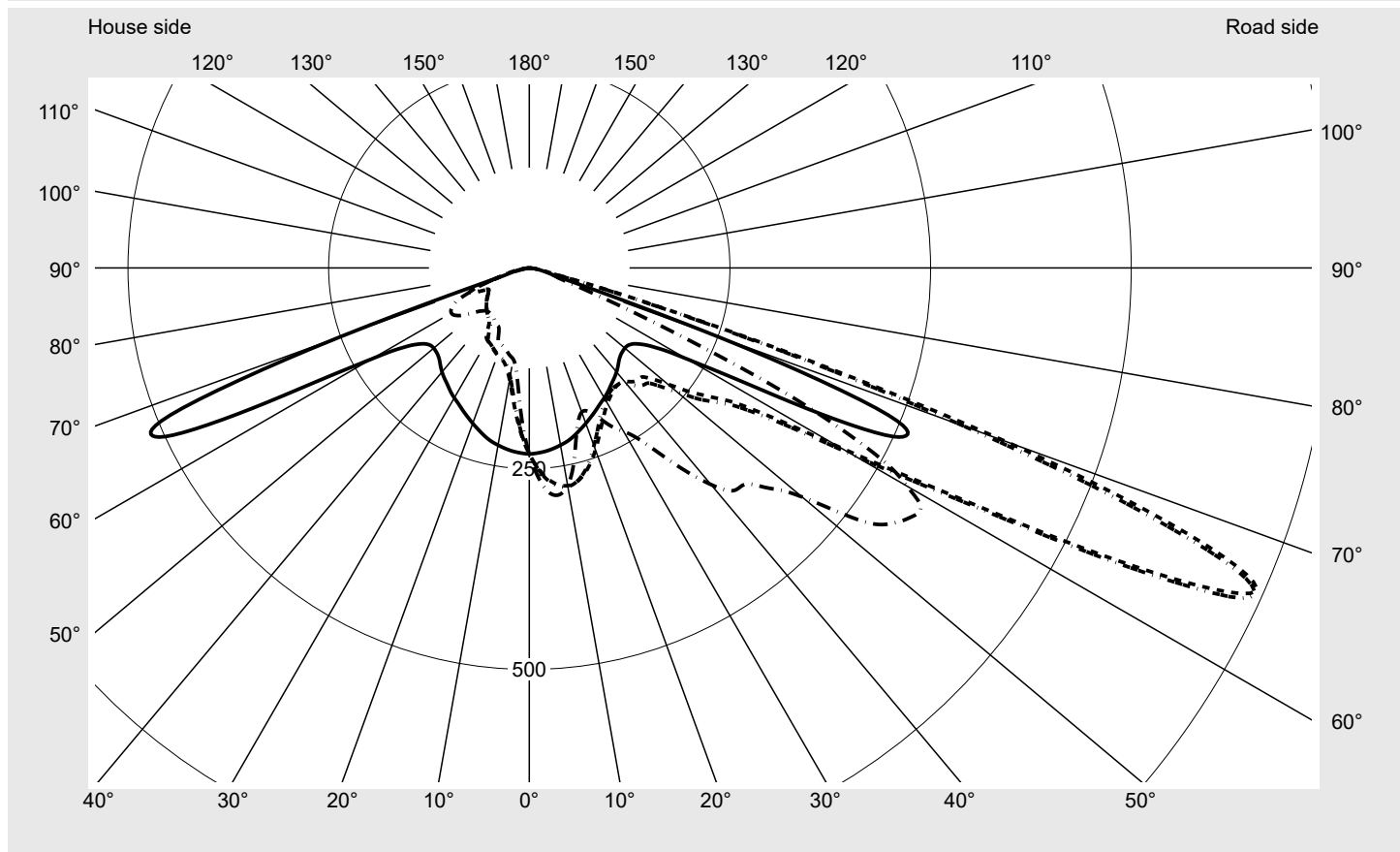
C180-0

C215-35

C217,5-37,5

C270-90

Imax: 990 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° | 685.4 |
| Imax 80° | 32.5 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions

DIN EN 13032 and DIN 5032

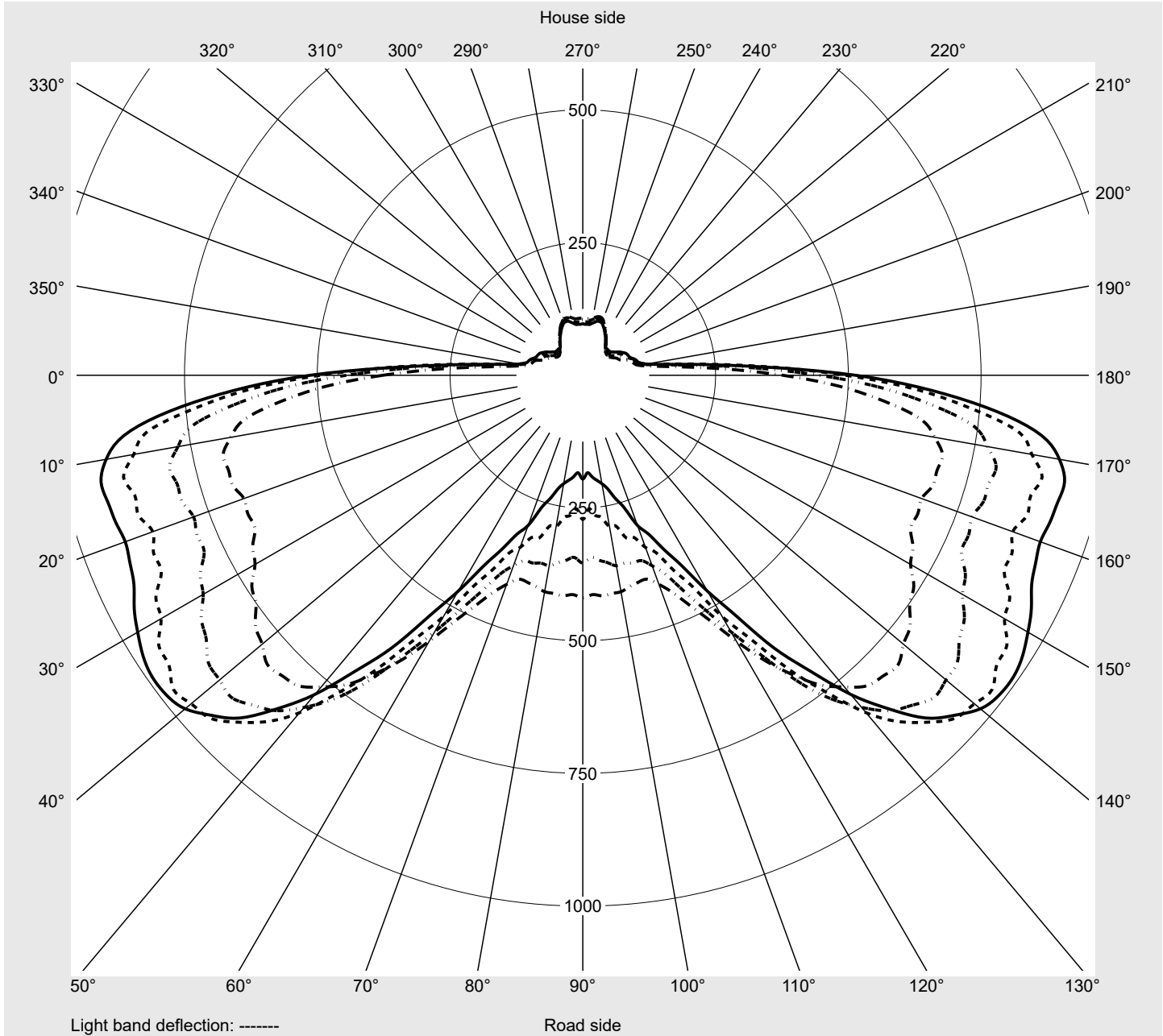
Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
|---|--|--------------------------------------|

Envelope curve in cd/klm

KMK 66°
 KMK 65°
 KMK 64°
 KMK 63°

siteco



Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 |
| 2,5° | 230.8 | 232.1 | 233.5 | 235.0 | 236.4 | 238.0 | 239.2 | 240.8 | 242.2 | 243.7 | 244.7 | 246.0 | 247.0 | 248.4 | 249.3 |
| 5,0° | 229.3 | 232.1 | 235.0 | 237.8 | 240.5 | 243.5 | 246.0 | 248.8 | 251.2 | 253.8 | 255.7 | 258.0 | 259.7 | 261.9 | 263.5 |
| 7,5° | 227.0 | 231.2 | 235.4 | 239.5 | 243.3 | 247.2 | 250.8 | 254.3 | 257.4 | 260.6 | 263.2 | 265.8 | 268.0 | 270.2 | 272.1 |
| 10,0° | 224.1 | 229.7 | 235.1 | 240.2 | 244.8 | 249.6 | 253.9 | 257.8 | 261.5 | 264.7 | 267.4 | 269.7 | 272.0 | 273.9 | 275.3 |
| 12,5° | 220.8 | 227.4 | 233.9 | 239.8 | 245.2 | 250.5 | 255.1 | 259.2 | 262.7 | 265.7 | 268.2 | 270.0 | 271.5 | 272.2 | 272.9 |
| 15,0° | 216.3 | 223.7 | 231.1 | 237.8 | 243.7 | 249.2 | 254.1 | 258.2 | 261.5 | 263.8 | 265.7 | 266.4 | 266.8 | 266.1 | 265.4 |
| 17,5° | 211.1 | 219.7 | 227.9 | 235.1 | 241.3 | 247.0 | 251.9 | 255.6 | 258.4 | 259.9 | 260.5 | 260.0 | 258.9 | 256.8 | 254.3 |
| 20,0° | 206.0 | 215.3 | 224.3 | 232.1 | 238.6 | 244.3 | 249.2 | 252.2 | 254.3 | 254.4 | 254.0 | 251.4 | 249.2 | 244.8 | 241.1 |
| 22,5° | 200.8 | 211.2 | 221.0 | 229.4 | 236.2 | 241.9 | 246.2 | 248.6 | 249.4 | 248.2 | 246.1 | 242.2 | 237.9 | 232.5 | 227.1 |
| 25,0° | 195.8 | 207.2 | 218.1 | 226.9 | 234.0 | 239.6 | 243.3 | 244.7 | 244.4 | 241.7 | 238.3 | 232.4 | 227.1 | 220.2 | 214.2 |
| 27,5° | 190.9 | 203.6 | 215.3 | 225.0 | 232.4 | 237.9 | 240.9 | 241.5 | 239.8 | 235.9 | 230.6 | 223.8 | 216.8 | 209.7 | 203.2 |
| 30,0° | 186.8 | 200.6 | 213.2 | 223.7 | 231.5 | 237.0 | 239.4 | 238.8 | 235.9 | 230.4 | 223.9 | 216.1 | 208.4 | 201.0 | 194.9 |
| 32,5° | 182.5 | 197.3 | 211.0 | 222.2 | 230.5 | 235.8 | 237.5 | 236.0 | 232.1 | 225.4 | 217.9 | 209.1 | 201.4 | 194.1 | 188.7 |
| 35,0° | 177.6 | 193.9 | 208.6 | 220.8 | 229.5 | 234.6 | 235.6 | 233.2 | 228.2 | 220.8 | 212.4 | 203.4 | 195.6 | 189.1 | 184.4 |
| 37,5° | 173.5 | 191.2 | 207.1 | 220.1 | 228.6 | 233.4 | 234.1 | 231.1 | 225.0 | 216.7 | 207.7 | 198.7 | 191.0 | 185.4 | 182.5 |
| 40,0° | 169.1 | 188.4 | 205.3 | 218.3 | 227.6 | 232.7 | 233.2 | 229.4 | 222.7 | 214.0 | 204.7 | 196.0 | 189.0 | 185.2 | 184.7 |
| 42,5° | 164.0 | 184.7 | 202.5 | 217.7 | 227.6 | 233.1 | 233.4 | 229.1 | 221.7 | 212.6 | 203.4 | 195.4 | 190.3 | 189.1 | 192.0 |
| 45,0° | 159.1 | 180.8 | 200.1 | 216.8 | 227.3 | 232.5 | 231.9 | 226.5 | 218.1 | 208.1 | 198.9 | 191.2 | 187.9 | 188.7 | 194.7 |
| 46,0° | 157.8 | 179.9 | 200.1 | 217.5 | 228.1 | 233.2 | 232.3 | 226.3 | 217.0 | 206.6 | 197.0 | 189.7 | 186.7 | 188.6 | 195.5 |
| 47,0° | 156.7 | 179.5 | 200.9 | 218.9 | 230.0 | 235.2 | 233.9 | 227.5 | 217.7 | 206.9 | 197.3 | 190.6 | 188.6 | 192.0 | 200.3 |
| 48,0° | 156.1 | 179.8 | 202.1 | 221.0 | 232.4 | 237.9 | 236.5 | 229.8 | 219.7 | 209.2 | 199.4 | 193.6 | 192.4 | 197.4 | 207.1 |
| 49,0° | 155.6 | 180.5 | 204.0 | 224.2 | 235.9 | 242.0 | 239.9 | 233.7 | 223.2 | 212.9 | 202.9 | 198.6 | 198.0 | 205.1 | 215.2 |
| 50,0° | 155.4 | 181.5 | 206.6 | 227.9 | 240.4 | 246.6 | 244.9 | 238.4 | 227.9 | 217.4 | 208.6 | 204.7 | 205.9 | 213.5 | 225.4 |
| 51,0° | 155.6 | 183.4 | 210.0 | 232.5 | 245.5 | 252.1 | 250.6 | 244.1 | 233.8 | 223.6 | 215.5 | 212.7 | 215.0 | 223.6 | 236.0 |
| 52,0° | 156.5 | 186.4 | 214.6 | 238.5 | 252.7 | 259.8 | 258.3 | 251.4 | 241.1 | 231.7 | 224.6 | 222.9 | 226.3 | 235.7 | 248.7 |
| 53,0° | 158.2 | 190.2 | 220.0 | 245.5 | 260.8 | 268.3 | 266.7 | 259.9 | 249.5 | 240.4 | 233.8 | 233.0 | 237.2 | 247.0 | 259.7 |
| 54,0° | 160.8 | 195.0 | 227.2 | 254.3 | 270.6 | 278.7 | 276.8 | 269.9 | 259.3 | 250.3 | 244.2 | 244.0 | 248.1 | 257.9 | 270.2 |
| 55,0° | 165.0 | 202.0 | 236.7 | 266.3 | 283.7 | 292.2 | 290.2 | 283.0 | 272.0 | 262.5 | 256.4 | 256.1 | 260.8 | 270.5 | 281.8 |
| 56,0° | 170.4 | 210.7 | 248.2 | 280.4 | 298.7 | 307.9 | 305.3 | 298.2 | 286.1 | 276.2 | 269.4 | 269.7 | 273.9 | 283.6 | 294.0 |
| 57,0° | 177.7 | 223.0 | 262.3 | 299.8 | 316.8 | 329.5 | 324.0 | 318.7 | 302.6 | 295.2 | 285.9 | 289.1 | 290.8 | 303.2 | 311.4 |
| 58,0° | 188.5 | 238.1 | 282.9 | 322.2 | 342.1 | 354.2 | 349.7 | 342.4 | 327.5 | 318.8 | 311.1 | 314.1 | 318.0 | 331.0 | 340.5 |
| 59,0° | 202.8 | 259.2 | 308.4 | 353.4 | 373.8 | 388.0 | 382.3 | 376.1 | 359.5 | 353.2 | 345.2 | 351.7 | 355.6 | 371.7 | 381.9 |
| 60,0° | 226.7 | 292.6 | 348.5 | 400.9 | 422.6 | 439.3 | 432.7 | 428.0 | 410.5 | 408.2 | 401.1 | 412.1 | 417.2 | 437.5 | 446.9 |
| 61,0° | 258.9 | 337.3 | 402.8 | 461.1 | 485.1 | 504.4 | 496.9 | 495.0 | 478.9 | 479.9 | 474.0 | 489.2 | 495.1 | 517.8 | 526.5 |
| 62,0° | 305.9 | 397.9 | 474.0 | 538.2 | 566.1 | 585.7 | 580.0 | 579.3 | 566.8 | 569.4 | 566.9 | 583.1 | 592.2 | 615.2 | 626.6 |
| 63,0° | 376.8 | 485.7 | 572.4 | 643.8 | 673.0 | 693.9 | 690.7 | 691.1 | 679.0 | 682.7 | 681.2 | 701.0 | 712.7 | 739.1 | 751.5 |
| 64,0° | 445.5 | 568.1 | 665.1 | 744.5 | 774.1 | 797.4 | 790.9 | 791.3 | 779.9 | 786.4 | 786.6 | 812.3 | 825.4 | 852.0 | 865.8 |
| 65,0° | 495.0 | 632.1 | 738.6 | 829.7 | 858.7 | 886.0 | 873.6 | 877.2 | 861.5 | 875.0 | 875.6 | 906.4 | 916.8 | 946.9 | 951.5 |
| 66,0° | 513.8 | 658.5 | 782.3 | 871.9 | 911.4 | 929.3 | 925.7 | 922.2 | 917.0 | 923.1 | 932.7 | 952.3 | 967.9 | 982.2 | 990.2 |
| 67,0° | 508.5 | 661.1 | 795.9 | 889.2 | 934.5 | 951.1 | 947.5 | 940.1 | 933.8 | 932.2 | 938.8 | 945.2 | 958.1 | 960.7 | 964.9 |
| 68,0° | 466.0 | 617.4 | 764.5 | 863.0 | 925.7 | 939.0 | 938.7 | 922.0 | 913.7 | 896.4 | 897.6 | 890.7 | 899.1 | 886.6 | 886.2 |
| 69,0° | 371.7 | 497.6 | 641.9 | 733.7 | 818.0 | 835.7 | 853.6 | 833.8 | 831.3 | 805.0 | 808.8 | 792.2 | 799.4 | 776.0 | 771.5 |
| 70,0° | 249.4 | 329.2 | 462.6 | 512.5 | 616.1 | 619.2 | 684.6 | 658.9 | 685.4 | 649.9 | 668.6 | 640.4 | 659.0 | 623.9 | 631.0 |
| 71,0° | 120.6 | 165.3 | 231.1 | 264.3 | 329.8 | 356.3 | 414.7 | 435.7 | 481.5 | 475.9 | 492.1 | 480.1 | 491.4 | 471.4 | 468.5 |
| 72,0° | 57.4 | 71.1 | 94.1 | 106.4 | 137.1 | 155.7 | 195.8 | 224.8 | 285.6 | 304.7 | 329.0 | 324.3 | 338.2 | 325.6 | 326.9 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 |
| 2,5° | 250.6 | 251.2 | 252.4 | 253.0 | 254.3 | 254.8 | 255.7 | 256.1 | 257.0 | 257.4 | 258.3 | 258.7 | 259.6 | 259.8 | 260.5 |
| 5,0° | 265.5 | 266.7 | 268.4 | 269.4 | 271.0 | 271.9 | 273.4 | 273.9 | 275.2 | 275.7 | 277.0 | 277.3 | 278.4 | 278.6 | 279.4 |
| 7,5° | 273.9 | 275.4 | 276.8 | 277.9 | 279.1 | 280.0 | 280.8 | 281.5 | 282.1 | 282.5 | 283.0 | 283.5 | 283.7 | 284.0 | 284.2 |
| 10,0° | 276.5 | 277.5 | 278.1 | 278.5 | 278.5 | 278.7 | 278.5 | 278.5 | 277.9 | 277.8 | 277.1 | 277.1 | 276.5 | 276.5 | 275.8 |
| 12,5° | 272.7 | 272.7 | 271.5 | 271.0 | 269.2 | 268.5 | 266.3 | 265.5 | 262.9 | 262.2 | 259.5 | 259.0 | 256.6 | 256.4 | 254.1 |
| 15,0° | 263.6 | 262.1 | 259.2 | 257.0 | 253.5 | 250.9 | 247.5 | 245.1 | 241.5 | 239.2 | 235.9 | 234.3 | 231.3 | 230.0 | 227.6 |
| 17,5° | 250.9 | 247.5 | 243.2 | 239.5 | 235.1 | 231.3 | 227.1 | 223.6 | 219.8 | 216.9 | 213.7 | 211.6 | 209.1 | 207.4 | 205.7 |
| 20,0° | 235.6 | 231.8 | 225.5 | 221.6 | 215.9 | 212.5 | 207.7 | 205.2 | 201.3 | 199.5 | 196.7 | 195.5 | 193.5 | 193.1 | 191.7 |
| 22,5° | 221.1 | 215.7 | 209.8 | 205.4 | 200.9 | 197.8 | 194.8 | 192.9 | 191.1 | 190.2 | 189.4 | 189.2 | 189.2 | 189.4 | 189.8 |
| 25,0° | 207.5 | 202.8 | 197.5 | 194.4 | 191.1 | 189.7 | 188.6 | 188.6 | 189.4 | 190.0 | 191.6 | 192.5 | 194.4 | 195.2 | 197.3 |
| 27,5° | 197.7 | 193.5 | 190.0 | 188.3 | 187.7 | 188.4 | 190.0 | 192.4 | 195.5 | 198.5 | 201.5 | 203.9 | 206.2 | 207.7 | 209.5 |
| 30,0° | 190.2 | 187.3 | 185.7 | 186.1 | 188.0 | 191.3 | 195.8 | 200.9 | 206.5 | 211.1 | 215.5 | 217.9 | 220.1 | 221.0 | 222.6 |
| 32,5° | 185.1 | 183.8 | 184.2 | 186.7 | 191.2 | 197.3 | 204.6 | 211.8 | 219.6 | 225.3 | 230.7 | 233.3 | 235.9 | 236.5 | 238.9 |
| 35,0° | 182.5 | 182.9 | 185.7 | 190.5 | 197.4 | 205.9 | 215.5 | 224.8 | 234.4 | 242.3 | 249.2 | 253.7 | 257.2 | 259.8 | 263.6 |
| 37,5° | 182.7 | 185.8 | 191.6 | 199.1 | 209.1 | 220.7 | 233.2 | 245.6 | 258.3 | 268.5 | 277.7 | 283.9 | 289.9 | 294.3 | 299.7 |
| 40,0° | 187.9 | 194.3 | 203.9 | 215.0 | 229.1 | 243.5 | 259.2 | 274.0 | 289.7 | 301.3 | 312.2 | 318.8 | 325.4 | 328.9 | 334.1 |
| 42,5° | 199.3 | 210.1 | 224.3 | 239.2 | 256.1 | 273.1 | 289.7 | 304.7 | 319.3 | 330.8 | 340.2 | 346.9 | 351.7 | 354.8 | 358.5 |
| 45,0° | 204.5 | 217.9 | 233.2 | 249.0 | 265.0 | 280.5 | 294.0 | 306.4 | 317.4 | 327.0 | 334.8 | 340.6 | 344.7 | 348.4 | 352.6 |
| 46,0° | 206.5 | 220.9 | 237.3 | 253.7 | 269.6 | 284.3 | 296.6 | 307.8 | 317.5 | 325.9 | 333.1 | 338.9 | 343.3 | 347.8 | 353.1 |
| 47,0° | 212.7 | 228.1 | 245.0 | 261.0 | 276.5 | 289.8 | 301.0 | 310.7 | 319.2 | 326.6 | 334.2 | 340.8 | 346.4 | 352.1 | 358.9 |
| 48,0° | 220.9 | 236.3 | 253.2 | 268.7 | 283.5 | 295.6 | 305.5 | 313.6 | 321.4 | 328.4 | 336.6 | 344.1 | 351.5 | 358.4 | 366.8 |
| 49,0° | 230.7 | 245.4 | 262.5 | 276.7 | 290.9 | 301.0 | 310.1 | 316.8 | 324.1 | 330.9 | 339.9 | 348.5 | 358.2 | 365.9 | 376.3 |
| 50,0° | 240.7 | 256.0 | 271.5 | 285.4 | 297.9 | 307.1 | 314.6 | 320.4 | 327.1 | 334.5 | 344.0 | 354.1 | 364.5 | 374.0 | 385.5 |
| 51,0° | 251.4 | 266.4 | 281.1 | 293.5 | 304.7 | 312.7 | 318.9 | 324.1 | 330.5 | 338.5 | 348.6 | 359.7 | 371.7 | 383.2 | 397.5 |
| 52,0° | 263.7 | 277.7 | 290.8 | 301.8 | 311.4 | 318.2 | 323.3 | 328.0 | 334.7 | 343.1 | 354.5 | 367.8 | 383.9 | 399.7 | 418.6 |
| 53,0° | 273.9 | 286.9 | 298.6 | 308.1 | 316.2 | 322.1 | 326.7 | 331.5 | 338.9 | 349.1 | 364.7 | 382.0 | 402.7 | 421.5 | 442.5 |
| 54,0° | 283.5 | 295.3 | 306.0 | 314.2 | 320.6 | 325.7 | 330.5 | 336.3 | 347.4 | 362.2 | 382.9 | 403.3 | 427.0 | 448.0 | 468.4 |
| 55,0° | 293.9 | 304.3 | 313.9 | 320.8 | 327.0 | 332.2 | 339.4 | 350.0 | 367.8 | 386.9 | 411.5 | 433.6 | 455.3 | 472.0 | 486.9 |
| 56,0° | 305.8 | 315.2 | 324.4 | 330.5 | 338.2 | 345.8 | 359.1 | 374.9 | 398.3 | 418.2 | 442.5 | 458.6 | 472.7 | 484.1 | 495.5 |
| 57,0° | 326.3 | 332.2 | 344.5 | 348.0 | 361.4 | 371.7 | 397.0 | 411.3 | 439.6 | 451.4 | 468.8 | 475.4 | 484.0 | 490.3 | 499.6 |
| 58,0° | 355.1 | 362.7 | 375.0 | 381.7 | 400.5 | 418.3 | 444.6 | 461.3 | 478.0 | 482.6 | 488.9 | 489.6 | 490.8 | 493.8 | 501.5 |
| 59,0° | 399.4 | 405.6 | 421.8 | 431.9 | 458.5 | 477.3 | 502.4 | 507.9 | 514.5 | 509.9 | 507.2 | 500.1 | 495.8 | 495.0 | 499.9 |
| 60,0° | 466.4 | 472.7 | 495.5 | 509.7 | 542.1 | 553.6 | 566.0 | 559.6 | 554.3 | 538.4 | 524.6 | 508.9 | 496.8 | 490.4 | 488.2 |
| 61,0° | 548.8 | 556.9 | 585.1 | 600.9 | 627.0 | 625.8 | 625.2 | 606.8 | 588.1 | 560.5 | 536.1 | 511.6 | 489.7 | 475.0 | 464.7 |
| 62,0° | 648.8 | 661.9 | 690.0 | 699.6 | 708.4 | 696.2 | 680.6 | 650.3 | 616.5 | 577.3 | 539.0 | 501.5 | 470.3 | 452.2 | 441.2 |
| 63,0° | 776.9 | 788.2 | 806.0 | 800.6 | 793.3 | 766.4 | 735.4 | 688.6 | 636.5 | 578.4 | 522.3 | 479.1 | 443.2 | 419.1 | 402.8 |
| 64,0° | 888.9 | 892.8 | 897.9 | 878.6 | 856.9 | 816.8 | 768.4 | 702.3 | 624.6 | 557.9 | 497.0 | 447.2 | 404.8 | 381.9 | 366.0 |
| 65,0° | 971.8 | 962.7 | 954.7 | 924.1 | 885.4 | 829.8 | 752.1 | 676.0 | 590.1 | 524.8 | 450.2 | 405.9 | 362.2 | 345.2 | 320.4 |
| 66,0° | 988.9 | 977.5 | 948.3 | 913.1 | 852.2 | 784.8 | 701.4 | 626.6 | 537.4 | 470.0 | 405.4 | 362.7 | 324.0 | 301.0 | 263.1 |
| 67,0° | 949.7 | 932.5 | 888.7 | 849.7 | 775.5 | 711.3 | 627.4 | 556.9 | 475.6 | 420.4 | 360.1 | 318.1 | 277.7 | 257.2 | 212.6 |
| 68,0° | 855.2 | 831.2 | 772.5 | 730.8 | 655.3 | 598.9 | 524.2 | 472.3 | 406.6 | 355.2 | 298.2 | 265.8 | 236.2 | 218.4 | 168.6 |
| 69,0° | 731.2 | 703.7 | 643.1 | 604.5 | 535.5 | 491.5 | 437.0 | 393.4 | 330.4 | 293.0 | 253.4 | 228.5 | 201.7 | 185.0 | 134.8 |
| 70,0° | 577.9 | 565.0 | 499.2 | 476.7 | 415.0 | 393.7 | 332.9 | 307.3 | 263.9 | 243.4 | 207.5 | 190.7 | 164.7 | 152.0 | 105.1 |
| 71,0° | 434.8 | 414.3 | 373.8 | 351.6 | 310.3 | 282.6 | 253.4 | 237.7 | 210.9 | 192.0 | 167.9 | 152.1 | 133.3 | 121.0 | 84.2 |
| 72,0° | 303.8 | 292.7 | 265.7 | 246.0 | 214.4 | 207.7 | 189.9 | 180.5 | 162.0 | 149.7 | 132.0 | 120.1 | 105.5 | 96.4 | 69.2 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 |
| 2,5° | 260.4 | 260.9 | 260.8 | 261.4 | 261.2 | 261.6 | 261.3 | 229.1 | 227.6 | 225.9 | 224.4 | 222.7 | 221.6 | 219.9 | 218.8 |
| 5,0° | 279.4 | 280.0 | 280.0 | 280.6 | 280.5 | 281.0 | 280.5 | 225.9 | 222.7 | 219.1 | 216.1 | 212.4 | 209.6 | 205.9 | 203.2 |
| 7,5° | 284.2 | 284.2 | 284.5 | 284.5 | 284.7 | 284.7 | 284.9 | 221.9 | 216.9 | 211.7 | 206.8 | 201.5 | 196.9 | 191.7 | 187.1 |
| 10,0° | 275.8 | 275.1 | 275.4 | 274.9 | 275.4 | 274.9 | 275.3 | 217.6 | 211.1 | 204.2 | 197.7 | 190.9 | 184.8 | 178.2 | 172.3 |
| 12,5° | 254.3 | 252.3 | 253.2 | 251.7 | 253.1 | 251.8 | 253.1 | 212.7 | 204.8 | 196.5 | 188.9 | 180.5 | 173.5 | 165.6 | 159.3 |
| 15,0° | 227.1 | 225.2 | 225.0 | 223.7 | 224.2 | 223.3 | 224.0 | 206.7 | 197.4 | 188.0 | 179.0 | 169.8 | 162.0 | 153.9 | 147.0 |
| 17,5° | 204.7 | 203.5 | 203.0 | 202.2 | 202.2 | 201.8 | 202.0 | 200.6 | 190.0 | 179.6 | 169.5 | 159.8 | 151.4 | 143.4 | 136.9 |
| 20,0° | 191.7 | 191.0 | 191.2 | 190.6 | 191.0 | 190.7 | 191.1 | 193.9 | 182.7 | 170.6 | 160.5 | 149.8 | 141.9 | 134.0 | 128.7 |
| 22,5° | 190.2 | 191.0 | 191.7 | 192.5 | 193.0 | 193.5 | 193.6 | 187.7 | 175.0 | 162.5 | 151.4 | 141.0 | 133.0 | 126.4 | 121.7 |
| 25,0° | 198.2 | 200.7 | 201.9 | 204.3 | 204.9 | 206.9 | 206.2 | 181.4 | 167.9 | 154.6 | 143.4 | 133.2 | 126.1 | 120.0 | 116.6 |
| 27,5° | 211.3 | 214.1 | 217.1 | 219.8 | 221.7 | 222.7 | 222.7 | 175.7 | 161.0 | 147.6 | 136.1 | 126.7 | 120.0 | 115.4 | 112.9 |
| 30,0° | 224.3 | 227.9 | 232.0 | 235.6 | 236.6 | 235.9 | 235.1 | 170.3 | 154.9 | 141.0 | 129.6 | 120.7 | 114.9 | 111.3 | 109.6 |
| 32,5° | 240.8 | 246.6 | 251.4 | 255.8 | 254.7 | 253.5 | 252.0 | 164.7 | 148.5 | 134.3 | 123.3 | 115.0 | 110.3 | 107.5 | 106.2 |
| 35,0° | 268.7 | 276.4 | 281.5 | 283.5 | 282.0 | 281.5 | 281.2 | 158.8 | 141.7 | 127.7 | 117.1 | 110.0 | 106.1 | 104.1 | 103.1 |
| 37,5° | 304.7 | 311.0 | 314.1 | 315.7 | 315.8 | 317.2 | 317.5 | 153.0 | 135.2 | 121.2 | 111.2 | 105.0 | 102.3 | 100.8 | 100.0 |
| 40,0° | 337.5 | 343.5 | 346.4 | 349.2 | 349.3 | 351.9 | 352.2 | 147.2 | 128.9 | 114.9 | 105.8 | 100.6 | 98.7 | 97.6 | 97.0 |
| 42,5° | 362.4 | 367.0 | 370.2 | 372.4 | 373.5 | 375.5 | 376.2 | 140.9 | 122.3 | 108.9 | 100.8 | 96.8 | 95.4 | 94.4 | 93.6 |
| 45,0° | 358.7 | 364.3 | 369.8 | 373.7 | 376.8 | 380.1 | 381.0 | 135.0 | 115.9 | 103.1 | 96.1 | 93.3 | 92.2 | 91.3 | 90.5 |
| 46,0° | 360.7 | 368.3 | 375.1 | 380.1 | 383.5 | 387.2 | 388.4 | 133.0 | 113.9 | 101.2 | 94.6 | 92.0 | 91.1 | 90.0 | 89.3 |
| 47,0° | 367.5 | 377.2 | 385.0 | 391.0 | 395.0 | 399.0 | 400.4 | 131.3 | 111.8 | 99.2 | 93.1 | 90.7 | 89.6 | 88.7 | 88.0 |
| 48,0° | 375.6 | 387.1 | 395.5 | 402.4 | 406.0 | 410.7 | 411.8 | 129.8 | 110.0 | 97.6 | 91.9 | 89.5 | 88.6 | 87.5 | 86.9 |
| 49,0° | 384.8 | 397.9 | 406.2 | 414.8 | 418.0 | 424.4 | 424.5 | 128.3 | 108.4 | 96.0 | 90.6 | 88.2 | 87.5 | 86.4 | 85.7 |
| 50,0° | 396.0 | 410.0 | 420.8 | 430.9 | 436.2 | 442.8 | 443.7 | 127.4 | 106.8 | 94.6 | 89.3 | 87.2 | 86.4 | 85.4 | 84.6 |
| 51,0° | 411.8 | 428.8 | 442.2 | 454.1 | 461.0 | 467.8 | 469.2 | 126.7 | 105.6 | 93.4 | 88.2 | 86.2 | 85.4 | 84.4 | 83.6 |
| 52,0° | 435.8 | 454.7 | 468.9 | 482.4 | 489.8 | 498.2 | 499.3 | 126.4 | 104.5 | 92.2 | 87.3 | 85.4 | 84.6 | 83.6 | 82.4 |
| 53,0° | 461.4 | 482.3 | 496.6 | 509.6 | 517.3 | 524.9 | 526.7 | 126.5 | 103.7 | 91.4 | 86.4 | 84.7 | 83.7 | 83.0 | 81.2 |
| 54,0° | 486.3 | 504.2 | 516.5 | 527.8 | 535.2 | 541.5 | 543.7 | 127.4 | 103.5 | 90.7 | 85.9 | 84.1 | 83.1 | 82.4 | 79.9 |
| 55,0° | 502.0 | 517.7 | 528.8 | 538.1 | 545.5 | 551.4 | 553.9 | 128.9 | 103.6 | 90.2 | 85.3 | 83.5 | 82.5 | 81.7 | 78.4 |
| 56,0° | 509.0 | 524.3 | 535.7 | 545.5 | 553.6 | 559.9 | 562.2 | 131.6 | 104.4 | 90.1 | 85.0 | 83.0 | 82.2 | 81.4 | 76.7 |
| 57,0° | 513.0 | 530.3 | 542.0 | 552.3 | 560.1 | 566.9 | 568.6 | 135.6 | 106.0 | 90.7 | 85.1 | 83.0 | 82.1 | 81.0 | 75.1 |
| 58,0° | 516.1 | 532.7 | 545.9 | 556.0 | 564.9 | 570.9 | 573.3 | 141.7 | 109.0 | 92.0 | 85.5 | 83.4 | 82.3 | 81.1 | 73.4 |
| 59,0° | 513.9 | 528.3 | 541.3 | 549.1 | 558.4 | 562.3 | 566.7 | 150.7 | 113.6 | 94.1 | 86.6 | 84.0 | 82.9 | 81.4 | 72.4 |
| 60,0° | 498.1 | 506.1 | 517.8 | 523.8 | 534.2 | 538.2 | 543.3 | 166.2 | 121.4 | 98.4 | 88.8 | 85.7 | 84.6 | 82.5 | 72.4 |
| 61,0° | 471.3 | 480.1 | 492.8 | 500.0 | 510.2 | 512.5 | 518.2 | 187.6 | 133.2 | 104.9 | 92.4 | 88.3 | 86.8 | 84.4 | 73.8 |
| 62,0° | 444.4 | 449.1 | 458.1 | 462.5 | 469.4 | 469.7 | 475.2 | 219.1 | 151.6 | 114.8 | 98.2 | 92.8 | 90.7 | 87.5 | 77.2 |
| 63,0° | 403.7 | 407.6 | 414.0 | 414.7 | 417.1 | 413.7 | 419.1 | 270.0 | 182.5 | 132.1 | 107.6 | 99.9 | 96.7 | 92.7 | 82.9 |
| 64,0° | 366.1 | 362.5 | 364.3 | 356.0 | 349.6 | 343.7 | 353.8 | 321.3 | 216.4 | 151.0 | 117.3 | 106.4 | 102.2 | 97.8 | 88.9 |
| 65,0° | 317.4 | 291.4 | 289.3 | 270.1 | 264.4 | 252.1 | 271.8 | 355.7 | 238.4 | 162.6 | 123.2 | 109.7 | 105.4 | 101.0 | 93.7 |
| 66,0° | 241.7 | 220.2 | 207.4 | 199.1 | 191.1 | 184.2 | 195.6 | 348.6 | 231.5 | 157.6 | 121.4 | 108.9 | 105.4 | 101.7 | 96.3 |
| 67,0° | 175.0 | 157.4 | 148.3 | 141.7 | 137.2 | 131.1 | 138.8 | 316.8 | 193.3 | 134.1 | 110.9 | 102.8 | 101.1 | 98.3 | 95.2 |
| 68,0° | 117.8 | 104.2 | 99.6 | 95.9 | 93.4 | 89.4 | 95.1 | 258.3 | 142.7 | 99.1 | 89.6 | 86.6 | 89.3 | 87.2 | 87.0 |
| 69,0° | 82.1 | 70.5 | 67.8 | 64.9 | 63.7 | 62.0 | 65.3 | 185.3 | 97.0 | 71.2 | 68.1 | 67.2 | 71.2 | 71.7 | 73.1 |
| 70,0° | 58.7 | 49.5 | 49.0 | 46.5 | 46.8 | 44.7 | 48.0 | 111.0 | 62.7 | 49.7 | 50.0 | 48.0 | 52.3 | 52.4 | 56.6 |
| 71,0° | 45.2 | 40.1 | 39.7 | 39.0 | 38.8 | 38.4 | 38.6 | 60.9 | 42.5 | 38.9 | 38.8 | 38.7 | 39.9 | 40.3 | 42.3 |
| 72,0° | 40.2 | 36.8 | 36.7 | 35.7 | 35.4 | 34.9 | 35.2 | 39.6 | 35.4 | 33.9 | 34.1 | 34.4 | 35.0 | 34.9 | 35.7 |

Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 |
| 2,5° | 216.9 | 215.6 | 213.9 | 212.7 | 211.1 | 210.0 | 208.2 | 207.3 | 205.6 | 204.8 | 203.2 | 202.6 | 201.1 | 200.6 | 199.2 |
| 5,0° | 199.3 | 196.5 | 192.8 | 190.4 | 186.8 | 184.7 | 181.1 | 179.2 | 176.0 | 174.3 | 171.1 | 169.9 | 167.1 | 165.9 | 163.4 |
| 7,5° | 182.0 | 177.4 | 172.5 | 168.6 | 164.1 | 160.5 | 156.4 | 153.4 | 149.9 | 147.3 | 144.2 | 142.3 | 139.5 | 138.1 | 135.8 |
| 10,0° | 165.9 | 160.5 | 154.8 | 150.1 | 145.3 | 141.4 | 137.3 | 134.5 | 131.1 | 128.9 | 126.3 | 124.6 | 122.8 | 121.6 | 120.0 |
| 12,5° | 152.1 | 146.7 | 140.8 | 136.6 | 132.2 | 129.1 | 125.7 | 123.6 | 121.2 | 119.7 | 118.1 | 117.3 | 116.2 | 115.7 | 114.9 |
| 15,0° | 140.4 | 135.2 | 130.6 | 127.1 | 123.8 | 121.6 | 119.7 | 118.5 | 117.5 | 116.7 | 115.8 | 114.9 | 114.1 | 113.3 | 112.5 |
| 17,5° | 131.4 | 127.0 | 123.6 | 121.2 | 119.5 | 118.4 | 117.4 | 116.6 | 115.6 | 114.7 | 113.6 | 112.7 | 111.7 | 110.7 | 109.8 |
| 20,0° | 123.7 | 120.9 | 118.4 | 117.4 | 116.5 | 115.8 | 114.7 | 113.9 | 112.8 | 112.1 | 110.9 | 110.2 | 109.2 | 108.4 | 107.5 |
| 22,5° | 118.1 | 116.4 | 115.2 | 114.3 | 113.3 | 112.5 | 111.6 | 110.8 | 110.0 | 109.3 | 108.4 | 107.8 | 107.1 | 106.5 | 105.8 |
| 25,0° | 114.4 | 113.2 | 112.0 | 111.3 | 110.1 | 109.4 | 108.6 | 108.0 | 107.1 | 106.8 | 106.2 | 105.8 | 105.2 | 104.9 | 104.2 |
| 27,5° | 111.3 | 110.3 | 109.3 | 108.3 | 107.4 | 106.5 | 105.9 | 105.2 | 104.1 | 103.2 | 102.2 | 101.1 | 99.8 | 97.6 | 93.5 |
| 30,0° | 108.2 | 107.5 | 106.3 | 105.5 | 104.8 | 104.2 | 102.6 | 99.3 | 96.3 | 94.4 | 92.4 | 90.9 | 88.8 | 87.0 | 86.2 |
| 32,5° | 105.1 | 104.4 | 103.5 | 102.8 | 101.7 | 99.5 | 92.6 | 88.5 | 86.7 | 86.2 | 85.5 | 85.3 | 85.1 | 85.3 | 85.3 |
| 35,0° | 102.2 | 101.2 | 99.9 | 98.0 | 95.0 | 88.5 | 84.3 | 84.0 | 83.7 | 83.7 | 83.8 | 84.0 | 84.1 | 83.8 | 83.3 |
| 37,5° | 99.1 | 96.1 | 91.9 | 88.5 | 84.8 | 82.2 | 81.9 | 82.0 | 82.1 | 82.2 | 82.2 | 81.9 | 81.5 | 81.2 | 80.9 |
| 40,0° | 95.6 | 87.2 | 82.1 | 80.5 | 79.7 | 79.7 | 79.8 | 80.2 | 80.3 | 80.1 | 79.7 | 79.5 | 79.1 | 78.9 | 78.5 |
| 42,5° | 90.5 | 79.2 | 77.1 | 77.0 | 76.9 | 77.3 | 77.6 | 77.8 | 77.7 | 77.7 | 77.5 | 77.5 | 77.3 | 77.2 | 77.1 |
| 45,0° | 85.6 | 74.9 | 74.0 | 74.0 | 74.3 | 74.7 | 75.0 | 75.3 | 75.4 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.2 |
| 46,0° | 83.7 | 73.6 | 72.8 | 73.0 | 73.3 | 73.7 | 73.9 | 74.4 | 74.6 | 75.0 | 75.3 | 75.6 | 75.7 | 75.7 | 76.0 |
| 47,0° | 81.8 | 72.1 | 71.7 | 71.9 | 72.1 | 72.5 | 72.8 | 73.3 | 73.7 | 74.3 | 74.6 | 75.0 | 75.2 | 75.6 | 75.8 |
| 48,0° | 79.9 | 70.8 | 70.5 | 70.8 | 71.0 | 71.4 | 71.9 | 72.4 | 73.0 | 73.6 | 74.1 | 74.6 | 75.0 | 75.3 | 75.9 |
| 49,0° | 77.8 | 69.7 | 69.4 | 69.8 | 69.8 | 70.5 | 70.7 | 71.4 | 72.0 | 72.8 | 73.4 | 74.1 | 74.7 | 75.3 | 75.9 |
| 50,0° | 75.8 | 68.2 | 68.2 | 68.6 | 68.6 | 69.3 | 69.5 | 70.4 | 71.1 | 71.9 | 72.7 | 73.6 | 74.4 | 75.1 | 75.9 |
| 51,0° | 73.8 | 66.9 | 67.1 | 67.4 | 67.5 | 68.1 | 68.6 | 69.4 | 70.2 | 71.2 | 72.1 | 73.1 | 73.9 | 75.0 | 76.0 |
| 52,0° | 71.7 | 65.6 | 65.9 | 66.2 | 66.3 | 66.8 | 67.5 | 68.4 | 69.2 | 70.2 | 71.3 | 72.5 | 73.7 | 74.7 | 76.2 |
| 53,0° | 69.7 | 64.5 | 64.7 | 65.0 | 65.2 | 65.8 | 66.5 | 67.4 | 68.4 | 69.5 | 70.6 | 71.9 | 73.4 | 74.7 | 76.4 |
| 54,0° | 67.8 | 63.4 | 63.5 | 63.7 | 64.0 | 64.7 | 65.5 | 66.5 | 67.5 | 68.7 | 70.0 | 71.4 | 73.2 | 74.9 | 76.9 |
| 55,0° | 65.8 | 62.1 | 62.2 | 62.4 | 62.7 | 63.5 | 64.2 | 65.3 | 66.5 | 67.8 | 69.2 | 71.0 | 73.0 | 75.0 | 77.3 |
| 56,0° | 63.9 | 60.9 | 60.9 | 61.1 | 61.5 | 62.3 | 63.1 | 64.3 | 65.5 | 67.1 | 68.6 | 70.5 | 72.8 | 75.3 | 78.2 |
| 57,0° | 62.0 | 59.8 | 59.6 | 60.0 | 60.3 | 61.3 | 61.8 | 63.3 | 64.3 | 66.1 | 67.9 | 70.1 | 72.6 | 75.4 | 78.9 |
| 58,0° | 60.8 | 58.8 | 58.5 | 58.7 | 59.1 | 60.0 | 60.8 | 62.1 | 63.5 | 65.3 | 67.3 | 69.8 | 72.5 | 75.9 | 79.7 |
| 59,0° | 60.1 | 58.3 | 57.8 | 57.6 | 57.9 | 58.7 | 59.6 | 61.0 | 62.6 | 64.3 | 66.6 | 69.3 | 72.5 | 76.2 | 80.4 |
| 60,0° | 60.7 | 58.9 | 57.8 | 57.1 | 57.1 | 57.6 | 58.4 | 59.8 | 61.4 | 63.5 | 65.9 | 68.9 | 72.4 | 76.5 | 81.2 |
| 61,0° | 63.4 | 61.1 | 59.5 | 57.7 | 57.0 | 57.0 | 57.5 | 58.7 | 60.3 | 62.6 | 65.3 | 68.5 | 72.3 | 76.6 | 81.6 |
| 62,0° | 68.4 | 65.8 | 63.3 | 60.3 | 58.5 | 57.2 | 57.1 | 57.9 | 59.5 | 61.7 | 64.6 | 68.0 | 72.0 | 76.6 | 81.8 |
| 63,0° | 75.8 | 73.2 | 70.4 | 65.9 | 62.8 | 59.6 | 58.3 | 57.8 | 59.0 | 60.9 | 63.7 | 67.5 | 71.7 | 76.5 | 82.0 |
| 64,0° | 83.7 | 81.1 | 78.3 | 73.2 | 69.2 | 64.2 | 61.4 | 59.5 | 59.7 | 60.9 | 63.3 | 66.8 | 71.2 | 76.2 | 81.5 |
| 65,0° | 90.3 | 88.1 | 86.0 | 80.4 | 76.5 | 70.1 | 66.8 | 63.0 | 62.7 | 62.6 | 64.2 | 66.3 | 70.5 | 75.6 | 80.8 |
| 66,0° | 93.8 | 92.5 | 90.3 | 86.0 | 81.7 | 76.2 | 72.3 | 68.6 | 67.8 | 67.2 | 67.5 | 66.8 | 69.7 | 74.5 | 79.6 |
| 67,0° | 93.7 | 93.4 | 91.5 | 88.1 | 84.0 | 79.2 | 76.0 | 73.6 | 73.6 | 73.8 | 73.9 | 69.4 | 69.4 | 73.2 | 78.0 |
| 68,0° | 86.4 | 88.2 | 87.5 | 86.2 | 82.7 | 79.6 | 77.3 | 76.9 | 79.8 | 82.3 | 83.4 | 75.7 | 70.4 | 71.5 | 75.7 |
| 69,0° | 73.6 | 76.6 | 77.2 | 78.6 | 76.4 | 75.6 | 74.9 | 77.8 | 84.4 | 89.9 | 91.4 | 82.7 | 73.1 | 70.4 | 73.0 |
| 70,0° | 56.5 | 61.7 | 62.4 | 66.5 | 65.0 | 67.1 | 67.6 | 74.9 | 85.5 | 94.5 | 94.6 | 86.4 | 76.3 | 69.7 | 69.5 |
| 71,0° | 43.3 | 46.4 | 48.7 | 52.5 | 53.6 | 55.7 | 57.8 | 66.7 | 80.5 | 91.6 | 90.7 | 83.8 | 75.0 | 68.7 | 65.8 |
| 72,0° | 36.3 | 38.0 | 39.6 | 42.3 | 43.9 | 45.8 | 47.4 | 55.3 | 68.1 | 79.7 | 80.4 | 76.2 | 69.1 | 64.5 | 61.1 |

Photometric test report

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|---|--|--------------------------------------|
| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 0.3 | 0.3 |
| 2,5° | 199.0 | 197.7 | 197.6 | 196.3 | 196.2 | 195.2 | 195.4 | 194.4 | 194.6 | 193.9 | 194.4 | 193.7 | 194.2 | 2.7 | 3.1 |
| 5,0° | 162.6 | 160.2 | 159.8 | 157.6 | 157.4 | 155.7 | 155.7 | 154.3 | 154.3 | 153.4 | 153.9 | 152.8 | 153.7 | 5.3 | 8.4 |
| 7,5° | 134.6 | 132.8 | 132.0 | 130.5 | 129.8 | 128.7 | 128.4 | 127.4 | 127.4 | 126.7 | 126.8 | 126.3 | 126.5 | 7.7 | 16.1 |
| 10,0° | 119.2 | 118.1 | 117.7 | 116.8 | 116.6 | 116.1 | 115.9 | 115.7 | 115.5 | 115.3 | 115.3 | 115.2 | 115.4 | 9.8 | 25.9 |
| 12,5° | 114.6 | 113.9 | 113.6 | 113.1 | 112.9 | 112.4 | 112.3 | 111.9 | 111.9 | 111.6 | 111.7 | 111.5 | 111.6 | 11.7 | 37.6 |
| 15,0° | 111.8 | 110.9 | 110.3 | 109.5 | 109.3 | 108.7 | 108.4 | 107.9 | 107.7 | 107.5 | 107.4 | 107.3 | 107.4 | 13.3 | 50.9 |
| 17,5° | 108.9 | 108.0 | 107.3 | 106.5 | 106.0 | 105.5 | 105.1 | 104.7 | 104.5 | 104.3 | 104.2 | 103.9 | 103.9 | 14.7 | 65.6 |
| 20,0° | 106.8 | 105.8 | 105.1 | 104.4 | 103.9 | 103.4 | 103.1 | 102.6 | 102.5 | 102.2 | 102.1 | 101.9 | 101.9 | 16.0 | 81.5 |
| 22,5° | 105.1 | 104.5 | 103.9 | 103.0 | 102.1 | 101.3 | 100.9 | 100.6 | 100.7 | 100.6 | 100.8 | 100.6 | 100.8 | 17.3 | 98.8 |
| 25,0° | 103.1 | 99.7 | 96.7 | 92.5 | 91.6 | 90.1 | 90.5 | 89.5 | 90.2 | 89.3 | 90.1 | 89.2 | 90.1 | 18.6 | 117.5 |
| 27,5° | 89.9 | 87.4 | 86.2 | 85.4 | 84.8 | 84.3 | 83.8 | 83.5 | 83.3 | 83.0 | 82.8 | 82.8 | 82.8 | 20.1 | 137.6 |
| 30,0° | 85.9 | 85.5 | 85.4 | 84.9 | 84.6 | 84.1 | 83.5 | 83.0 | 82.5 | 82.2 | 81.8 | 81.6 | 81.6 | 21.7 | 159.3 |
| 32,5° | 85.2 | 84.7 | 84.1 | 83.3 | 82.5 | 81.8 | 81.3 | 80.5 | 80.3 | 79.8 | 79.7 | 79.4 | 79.4 | 23.4 | 182.7 |
| 35,0° | 82.8 | 82.3 | 81.8 | 81.1 | 80.4 | 79.6 | 79.0 | 78.4 | 77.9 | 77.6 | 77.2 | 77.0 | 76.9 | 25.4 | 208.1 |
| 37,5° | 80.6 | 80.0 | 79.6 | 79.1 | 78.6 | 78.0 | 77.6 | 77.0 | 76.7 | 76.2 | 75.9 | 75.6 | 75.4 | 27.8 | 235.9 |
| 40,0° | 78.4 | 78.3 | 78.0 | 77.6 | 77.3 | 77.1 | 76.9 | 76.5 | 76.0 | 75.6 | 75.2 | 74.7 | 74.7 | 30.5 | 266.3 |
| 42,5° | 77.0 | 76.9 | 76.9 | 76.8 | 76.9 | 76.9 | 76.9 | 76.8 | 76.4 | 75.9 | 75.3 | 74.7 | 74.6 | 33.2 | 299.5 |
| 45,0° | 76.4 | 76.6 | 76.9 | 77.1 | 77.3 | 77.6 | 77.8 | 77.9 | 77.7 | 77.1 | 76.6 | 75.9 | 75.7 | 24.0 | 323.5 |
| 46,0° | 76.4 | 76.7 | 77.1 | 77.3 | 77.8 | 78.0 | 78.5 | 78.6 | 78.5 | 78.0 | 77.6 | 77.0 | 76.9 | 14.1 | 337.5 |
| 47,0° | 76.4 | 76.9 | 77.5 | 78.0 | 78.5 | 79.0 | 79.5 | 79.8 | 79.8 | 79.5 | 79.0 | 78.5 | 78.3 | 14.5 | 352.0 |
| 48,0° | 76.4 | 77.1 | 77.8 | 78.6 | 79.5 | 80.2 | 80.8 | 81.0 | 81.1 | 81.0 | 80.5 | 80.3 | 80.2 | 14.9 | 366.9 |
| 49,0° | 76.6 | 77.5 | 78.4 | 79.6 | 80.5 | 81.7 | 82.3 | 83.0 | 82.9 | 83.0 | 82.5 | 82.5 | 82.1 | 15.4 | 382.3 |
| 50,0° | 76.9 | 77.9 | 79.2 | 80.7 | 82.1 | 83.6 | 84.7 | 85.4 | 85.4 | 85.4 | 85.1 | 85.1 | 84.9 | 15.9 | 398.2 |
| 51,0° | 77.2 | 78.5 | 80.2 | 82.1 | 84.0 | 85.9 | 87.2 | 88.1 | 88.2 | 88.2 | 88.0 | 88.2 | 88.0 | 16.6 | 414.7 |
| 52,0° | 77.7 | 79.5 | 81.7 | 84.2 | 86.6 | 89.0 | 90.7 | 91.8 | 91.6 | 91.6 | 91.6 | 91.9 | 91.8 | 17.3 | 432.1 |
| 53,0° | 78.4 | 80.7 | 83.4 | 86.3 | 89.3 | 92.2 | 94.3 | 95.2 | 95.1 | 95.1 | 95.2 | 95.6 | 95.6 | 18.1 | 450.2 |
| 54,0° | 79.2 | 82.0 | 85.3 | 88.9 | 92.6 | 95.9 | 97.9 | 98.7 | 98.5 | 98.5 | 98.7 | 99.2 | 99.1 | 18.9 | 469.1 |
| 55,0° | 80.2 | 83.7 | 87.6 | 92.1 | 96.3 | 100.0 | 102.2 | 102.6 | 102.2 | 102.1 | 102.3 | 102.9 | 102.9 | 19.8 | 488.9 |
| 56,0° | 81.4 | 85.3 | 89.9 | 95.2 | 99.8 | 103.9 | 105.8 | 106.2 | 105.2 | 105.1 | 105.4 | 106.1 | 106.2 | 20.7 | 509.7 |
| 57,0° | 82.7 | 87.2 | 92.2 | 98.3 | 103.1 | 107.7 | 109.2 | 109.4 | 108.0 | 107.7 | 107.9 | 108.7 | 108.6 | 21.8 | 531.5 |
| 58,0° | 84.0 | 88.8 | 94.7 | 101.0 | 106.3 | 110.7 | 112.2 | 111.9 | 110.3 | 109.6 | 109.7 | 110.5 | 110.7 | 23.1 | 554.6 |
| 59,0° | 85.1 | 90.5 | 96.6 | 103.4 | 108.9 | 113.2 | 114.5 | 113.8 | 111.8 | 110.8 | 110.9 | 111.6 | 111.9 | 24.7 | 579.3 |
| 60,0° | 86.2 | 91.9 | 98.4 | 105.2 | 110.9 | 115.1 | 116.0 | 114.8 | 112.6 | 111.3 | 111.3 | 112.0 | 112.1 | 26.6 | 605.9 |
| 61,0° | 86.9 | 92.7 | 99.5 | 106.2 | 112.1 | 115.8 | 116.5 | 114.8 | 112.3 | 110.9 | 110.9 | 111.4 | 111.6 | 28.9 | 634.8 |
| 62,0° | 87.4 | 93.4 | 99.9 | 106.7 | 112.3 | 115.7 | 116.0 | 114.1 | 111.3 | 109.5 | 109.6 | 110.1 | 110.2 | 31.5 | 666.3 |
| 63,0° | 87.5 | 93.4 | 99.9 | 106.2 | 111.5 | 114.5 | 114.5 | 112.2 | 109.4 | 107.4 | 107.4 | 107.6 | 107.9 | 34.6 | 700.8 |
| 64,0° | 87.0 | 93.0 | 99.2 | 105.1 | 110.1 | 112.5 | 112.2 | 109.7 | 106.8 | 104.7 | 104.5 | 104.8 | 105.0 | 37.2 | 738.0 |
| 65,0° | 86.3 | 91.8 | 97.8 | 103.0 | 107.9 | 109.4 | 109.3 | 106.2 | 103.5 | 100.9 | 101.1 | 100.9 | 101.7 | 38.6 | 776.6 |
| 66,0° | 84.9 | 89.9 | 95.6 | 100.4 | 104.7 | 106.0 | 105.5 | 102.3 | 99.3 | 96.5 | 96.5 | 96.1 | 97.0 | 38.4 | 815.0 |
| 67,0° | 82.9 | 87.5 | 92.7 | 97.1 | 101.1 | 101.6 | 100.6 | 96.3 | 92.6 | 88.2 | 87.9 | 86.7 | 87.7 | 36.9 | 852.0 |
| 68,0° | 80.3 | 84.3 | 88.9 | 92.2 | 94.8 | 93.1 | 90.9 | 86.7 | 84.1 | 80.5 | 80.2 | 79.6 | 80.2 | 33.8 | 885.8 |
| 69,0° | 77.1 | 80.4 | 83.8 | 84.6 | 86.9 | 85.4 | 84.3 | 80.8 | 77.6 | 74.7 | 74.5 | 73.7 | 74.3 | 29.4 | 915.2 |
| 70,0° | 73.1 | 74.4 | 77.1 | 78.2 | 79.8 | 78.6 | 77.5 | 71.9 | 69.9 | 65.3 | 65.4 | 63.4 | 64.6 | 23.5 | 938.6 |
| 71,0° | 67.4 | 68.7 | 70.6 | 71.4 | 71.9 | 69.3 | 67.3 | 63.6 | 61.4 | 57.9 | 57.4 | 57.0 | 57.5 | 17.0 | 955.6 |
| 72,0° | 61.8 | 62.6 | 63.5 | 63.4 | 63.5 | 62.4 | 60.1 | 57.0 | 54.0 | 50.6 | 50.0 | 49.2 | 50.1 | 11.7 | 967.4 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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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° | 35.2 | 38.4 | 44.0 | 47.9 | 56.3 | 63.4 | 78.3 | 94.3 | 136.6 | 163.2 | 187.0 | 188.9 | 200.9 | 197.3 | 202.2 |
| 74,0° | 29.0 | 30.2 | 32.5 | 33.7 | 36.7 | 38.2 | 42.7 | 47.1 | 67.2 | 83.1 | 102.3 | 104.2 | 116.8 | 114.8 | 121.0 |
| 75,0° | 25.0 | 25.4 | 26.8 | 27.6 | 29.1 | 29.4 | 31.0 | 31.7 | 38.9 | 45.5 | 55.5 | 56.9 | 63.5 | 63.0 | 66.6 |
| 76,0° | 21.4 | 21.6 | 22.5 | 22.8 | 23.9 | 24.0 | 25.1 | 25.1 | 27.1 | 28.9 | 31.9 | 32.2 | 35.2 | 35.1 | 36.0 |
| 77,0° | 18.6 | 18.6 | 19.3 | 19.2 | 20.1 | 20.2 | 20.9 | 21.1 | 22.2 | 22.6 | 24.0 | 24.1 | 25.4 | 25.3 | 25.9 |
| 78,0° | 16.2 | 15.8 | 16.3 | 15.8 | 16.8 | 16.7 | 17.5 | 17.4 | 18.4 | 18.6 | 19.7 | 19.5 | 20.5 | 20.2 | 21.4 |
| 79,0° | 13.6 | 13.4 | 13.5 | 13.1 | 13.6 | 13.7 | 14.3 | 14.4 | 15.1 | 15.3 | 16.1 | 16.2 | 16.7 | 16.8 | 17.5 |
| 80,0° | 11.4 | 10.9 | 11.0 | 10.6 | 11.0 | 11.1 | 11.6 | 11.7 | 12.3 | 12.5 | 13.2 | 13.2 | 13.7 | 13.8 | 14.5 |
| 81,0° | 8.8 | 8.2 | 8.4 | 8.2 | 8.4 | 8.5 | 9.0 | 9.1 | 9.6 | 9.8 | 10.3 | 10.3 | 10.8 | 11.1 | 11.6 |
| 82,0° | 6.5 | 6.1 | 6.1 | 6.1 | 6.4 | 6.4 | 6.7 | 6.9 | 7.3 | 7.3 | 7.8 | 7.9 | 8.4 | 8.6 | 9.0 |
| 83,0° | 4.6 | 4.3 | 4.4 | 4.4 | 4.6 | 4.6 | 5.0 | 5.0 | 5.3 | 5.4 | 5.8 | 5.9 | 6.1 | 6.3 | 6.7 |
| 84,0° | 3.0 | 2.7 | 3.0 | 2.7 | 3.0 | 3.0 | 3.2 | 3.2 | 3.4 | 3.5 | 3.9 | 3.9 | 4.3 | 4.4 | 4.7 |
| 85,0° | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 1.9 | 2.0 | 2.0 | 2.2 | 2.2 | 2.5 | 2.5 | 2.7 | 2.7 | 3.0 |
| 86,0° | 1.4 | 1.3 | 1.4 | 1.3 | 1.3 | 1.2 | 1.3 | 1.2 | 1.4 | 1.3 | 1.4 | 1.3 | 1.5 | 1.5 | 1.8 |
| 87,0° | 1.1 | 1.1 | 1.1 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 88,0° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 89,0° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 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 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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| C-planes | 37,5° 142,5° | 40,0° 140,0° | 42,5° 137,5° | 45,0° 135,0° | 47,5° 132,5° | 50,0° 130,0° | 52,5° 127,5° | 55,0° 125,0° | 57,5° 122,5° | 60,0° 120,0° | 62,5° 117,5° | 65,0° 115,0° | 67,5° 112,5° | 70,0° 110,0° | 72,5° 107,5° |
|--------------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | | | |
| 73,0° | 190.7 | 183.9 | 152.7 | 136.4 | 133.9 | 142.5 | 133.0 | 128.1 | 117.1 | 109.9 | 98.2 | 90.8 | 80.7 | 74.3 | 56.2 |
| 74,0° | 109.9 | 98.2 | 75.3 | 71.3 | 84.6 | 97.3 | 90.8 | 89.9 | 82.8 | 80.3 | 71.4 | 67.9 | 60.4 | 56.5 | 43.6 |
| 75,0° | 55.6 | 48.5 | 42.3 | 44.5 | 56.6 | 64.5 | 60.4 | 60.8 | 56.4 | 55.5 | 49.2 | 46.5 | 42.5 | 41.7 | 35.7 |
| 76,0° | 31.8 | 31.5 | 30.6 | 31.9 | 37.0 | 40.7 | 38.8 | 39.4 | 36.7 | 36.8 | 34.1 | 33.6 | 32.3 | 32.5 | 29.7 |
| 77,0° | 25.2 | 25.7 | 25.5 | 26.0 | 27.6 | 29.3 | 28.3 | 28.9 | 27.8 | 28.1 | 26.8 | 27.4 | 27.2 | 27.6 | 25.7 |
| 78,0° | 20.8 | 21.8 | 21.6 | 22.5 | 22.5 | 23.8 | 22.8 | 23.4 | 22.4 | 23.5 | 24.4 | 26.3 | 27.6 | 25.5 | 22.8 |
| 79,0° | 17.4 | 18.1 | 18.3 | 18.8 | 18.9 | 19.5 | 19.2 | 19.3 | 19.7 | 22.2 | 26.1 | 30.2 | 30.9 | 26.0 | 21.1 |
| 80,0° | 14.4 | 15.0 | 15.3 | 15.7 | 15.7 | 16.2 | 16.1 | 16.4 | 17.5 | 21.5 | 27.2 | 32.5 | 31.5 | 25.4 | 18.8 |
| 81,0° | 11.6 | 11.8 | 12.1 | 12.5 | 12.5 | 13.0 | 13.0 | 13.2 | 14.4 | 18.4 | 23.7 | 28.5 | 27.2 | 22.0 | 15.6 |
| 82,0° | 9.1 | 9.6 | 9.7 | 10.1 | 10.2 | 10.4 | 10.2 | 10.4 | 11.0 | 14.0 | 18.2 | 22.0 | 20.7 | 17.1 | 12.4 |
| 83,0° | 6.9 | 7.3 | 7.3 | 7.7 | 7.6 | 7.9 | 7.8 | 8.0 | 8.3 | 10.1 | 12.2 | 14.5 | 13.8 | 12.5 | 9.3 |
| 84,0° | 4.6 | 5.1 | 5.1 | 5.3 | 5.3 | 5.7 | 5.6 | 5.8 | 5.7 | 6.4 | 7.3 | 8.9 | 8.6 | 8.4 | 6.5 |
| 85,0° | 3.1 | 3.3 | 3.2 | 3.5 | 3.5 | 3.7 | 3.7 | 3.9 | 3.8 | 4.3 | 4.4 | 5.1 | 5.1 | 5.0 | 4.0 |
| 86,0° | 1.7 | 2.0 | 1.8 | 2.1 | 2.0 | 2.2 | 2.0 | 2.5 | 2.2 | 2.5 | 2.2 | 2.6 | 2.2 | 2.6 | 2.1 |
| 87,0° | 0.9 | 0.9 | 0.9 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.2 | 1.3 | 1.2 | 1.3 | 1.2 | 1.3 | 1.2 |
| 88,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.9 | 0.8 | 0.9 | 0.9 |
| 89,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 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 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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| 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° | 36.5 | 33.7 | 33.2 | 32.3 | 32.0 | 31.6 | 31.9 | 31.5 | 31.1 | 30.6 | 30.7 | 31.1 | 31.7 | 31.6 | 31.8 |
| 74,0° | 33.0 | 30.9 | 30.5 | 29.4 | 29.3 | 28.7 | 29.6 | 27.3 | 27.8 | 27.4 | 27.8 | 28.0 | 28.7 | 28.4 | 28.9 |
| 75,0° | 30.2 | 28.1 | 27.6 | 26.1 | 26.1 | 25.4 | 26.3 | 24.1 | 25.0 | 24.6 | 25.0 | 25.2 | 25.5 | 25.4 | 25.9 |
| 76,0° | 27.1 | 24.6 | 23.7 | 22.6 | 22.4 | 22.0 | 22.5 | 21.3 | 22.0 | 21.5 | 21.9 | 21.9 | 22.2 | 22.5 | 22.8 |
| 77,0° | 24.1 | 21.4 | 20.7 | 19.7 | 19.5 | 19.0 | 19.6 | 18.7 | 19.2 | 18.6 | 18.9 | 19.3 | 19.2 | 19.5 | 20.1 |
| 78,0° | 21.3 | 18.4 | 18.0 | 16.8 | 16.7 | 16.3 | 16.8 | 16.3 | 16.7 | 15.7 | 16.3 | 16.3 | 16.4 | 16.6 | 17.4 |
| 79,0° | 18.6 | 16.1 | 15.3 | 14.4 | 14.1 | 14.0 | 14.4 | 14.5 | 14.5 | 13.1 | 13.4 | 13.5 | 13.5 | 14.1 | 14.5 |
| 80,0° | 15.8 | 13.7 | 12.8 | 12.1 | 11.8 | 11.9 | 12.1 | 12.4 | 12.1 | 10.6 | 10.9 | 11.0 | 11.1 | 11.6 | 12.1 |
| 81,0° | 12.8 | 11.2 | 10.4 | 9.7 | 9.5 | 9.3 | 9.7 | 9.7 | 9.1 | 7.9 | 8.3 | 8.5 | 8.8 | 9.1 | 9.6 |
| 82,0° | 10.3 | 9.1 | 8.3 | 7.7 | 7.5 | 7.3 | 7.6 | 7.1 | 6.6 | 5.9 | 6.1 | 6.4 | 6.7 | 7.0 | 7.3 |
| 83,0° | 7.9 | 6.9 | 6.3 | 5.7 | 5.6 | 5.4 | 5.7 | 5.0 | 4.4 | 4.3 | 4.5 | 4.6 | 4.8 | 5.1 | 5.3 |
| 84,0° | 5.7 | 4.7 | 4.4 | 3.9 | 3.8 | 3.7 | 4.0 | 3.0 | 2.8 | 2.8 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 |
| 85,0° | 3.8 | 3.1 | 2.8 | 2.6 | 2.6 | 2.4 | 2.6 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 |
| 86,0° | 2.1 | 1.9 | 1.8 | 1.4 | 1.7 | 1.4 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 87,0° | 1.2 | 1.2 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 88,0° | 0.9 | 0.9 | 0.8 | 0.7 | 0.8 | 0.7 | 0.7 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 89,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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| 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° | 32.4 | 33.6 | 34.6 | 36.5 | 37.7 | 38.8 | 39.5 | 43.3 | 51.1 | 60.7 | 64.6 | 64.9 | 59.5 | 56.5 | 55.0 |
| 74,0° | 29.3 | 30.5 | 31.3 | 32.8 | 33.8 | 35.2 | 35.6 | 37.3 | 39.9 | 46.0 | 50.4 | 52.9 | 50.3 | 49.4 | 49.0 |
| 75,0° | 26.3 | 27.3 | 28.1 | 29.6 | 30.5 | 31.9 | 32.4 | 33.7 | 34.9 | 37.7 | 40.0 | 42.8 | 42.6 | 43.5 | 43.4 |
| 76,0° | 23.1 | 24.0 | 24.7 | 26.1 | 26.8 | 28.1 | 28.6 | 29.8 | 30.6 | 32.3 | 33.7 | 35.6 | 36.5 | 37.7 | 38.2 |
| 77,0° | 20.1 | 21.2 | 21.9 | 23.1 | 23.7 | 24.7 | 25.2 | 26.3 | 26.8 | 28.5 | 29.7 | 31.2 | 31.8 | 33.2 | 33.2 |
| 78,0° | 17.3 | 18.4 | 18.7 | 20.1 | 20.1 | 21.3 | 21.2 | 22.6 | 22.9 | 24.7 | 25.1 | 26.8 | 27.1 | 28.5 | 28.0 |
| 79,0° | 14.8 | 15.6 | 16.1 | 16.8 | 16.9 | 17.6 | 18.0 | 19.0 | 19.5 | 20.7 | 21.3 | 22.6 | 22.9 | 23.7 | 23.8 |
| 80,0° | 12.4 | 13.1 | 13.6 | 13.8 | 13.8 | 14.3 | 14.8 | 15.7 | 16.2 | 17.1 | 17.7 | 18.7 | 18.9 | 19.6 | 19.6 |
| 81,0° | 9.8 | 10.3 | 10.5 | 10.8 | 10.9 | 11.2 | 11.5 | 12.2 | 12.5 | 13.2 | 13.7 | 14.5 | 14.7 | 15.4 | 15.3 |
| 82,0° | 7.6 | 7.9 | 8.0 | 8.4 | 8.4 | 8.6 | 8.8 | 9.1 | 9.3 | 10.1 | 10.6 | 11.2 | 11.6 | 11.9 | 11.8 |
| 83,0° | 5.4 | 5.8 | 5.8 | 6.0 | 6.0 | 6.3 | 6.3 | 6.6 | 6.7 | 7.3 | 7.6 | 8.0 | 8.3 | 8.6 | 8.8 |
| 84,0° | 3.4 | 3.8 | 3.8 | 3.9 | 3.9 | 4.1 | 4.1 | 4.4 | 4.4 | 4.7 | 4.8 | 5.2 | 5.2 | 5.7 | 5.7 |
| 85,0° | 2.2 | 2.4 | 2.4 | 2.5 | 2.5 | 2.6 | 2.5 | 2.7 | 2.6 | 2.8 | 2.8 | 3.2 | 3.1 | 3.4 | 3.3 |
| 86,0° | 1.4 | 1.5 | 1.4 | 1.5 | 1.4 | 1.7 | 1.4 | 1.7 | 1.5 | 1.7 | 1.7 | 1.9 | 1.7 | 1.9 | 1.7 |
| 87,0° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 88,0° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.1 | 1.1 | 0.9 | 1.1 | 1.1 | 0.9 | 0.9 | 0.9 | 0.9 |
| 89,0° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| 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° | 55.3 | 55.3 | 56.5 | 56.4 | 56.6 | 53.7 | 51.4 | 47.7 | 44.6 | 42.3 | 41.2 | 41.2 | 41.9 | 7.8 | 975.2 |
| 74,0° | 49.5 | 49.9 | 50.6 | 49.8 | 48.8 | 47.2 | 45.1 | 40.9 | 38.7 | 34.9 | 34.3 | 33.3 | 34.3 | 5.5 | 980.7 |
| 75,0° | 44.6 | 44.5 | 44.7 | 43.5 | 43.0 | 40.6 | 37.0 | 34.1 | 31.5 | 28.9 | 27.7 | 27.1 | 27.9 | 4.0 | 984.7 |
| 76,0° | 38.9 | 38.4 | 38.7 | 36.8 | 36.7 | 33.0 | 30.7 | 26.5 | 23.7 | 21.1 | 19.9 | 19.0 | 19.6 | 3.1 | 987.8 |
| 77,0° | 33.7 | 33.5 | 32.9 | 32.2 | 29.8 | 27.3 | 24.6 | 20.8 | 18.0 | 15.0 | 13.6 | 12.3 | 12.5 | 2.6 | 990.3 |
| 78,0° | 29.2 | 27.7 | 28.4 | 25.8 | 25.0 | 21.2 | 19.0 | 14.5 | 12.5 | 9.3 | 8.2 | 6.7 | 7.1 | 2.2 | 992.5 |
| 79,0° | 24.0 | 23.3 | 23.3 | 21.3 | 19.6 | 16.7 | 14.1 | 10.8 | 8.0 | 5.7 | 3.9 | 3.0 | 3.1 | 1.8 | 994.3 |
| 80,0° | 19.5 | 19.5 | 18.7 | 17.4 | 15.8 | 13.1 | 10.3 | 7.9 | 5.9 | 3.8 | 2.4 | 1.9 | 1.9 | 1.6 | 995.9 |
| 81,0° | 15.8 | 15.3 | 14.9 | 13.4 | 11.8 | 9.6 | 7.9 | 5.9 | 4.0 | 2.8 | 1.7 | 1.4 | 1.4 | 1.2 | 997.1 |
| 82,0° | 12.1 | 11.7 | 11.4 | 10.3 | 8.9 | 7.2 | 5.8 | 4.5 | 3.1 | 2.1 | 1.4 | 1.2 | 1.2 | 1.0 | 998.1 |
| 83,0° | 8.8 | 8.6 | 8.4 | 7.6 | 6.6 | 5.3 | 4.4 | 3.3 | 2.4 | 1.4 | 1.2 | 1.2 | 1.2 | 0.7 | 998.8 |
| 84,0° | 6.0 | 5.7 | 5.7 | 5.0 | 4.5 | 3.5 | 3.1 | 2.4 | 1.9 | 1.2 | 1.2 | 0.9 | 0.9 | 0.5 | 999.2 |
| 85,0° | 3.5 | 3.5 | 3.7 | 3.1 | 2.8 | 2.4 | 2.1 | 1.7 | 1.4 | 1.2 | 0.9 | 0.9 | 0.9 | 0.3 | 999.5 |
| 86,0° | 1.9 | 1.7 | 1.8 | 1.4 | 1.7 | 1.4 | 1.4 | 1.2 | 1.2 | 0.9 | 0.9 | 0.9 | 0.9 | 0.2 | 999.7 |
| 87,0° | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 0.9 | 1.1 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.1 | 999.8 |
| 88,0° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.1 | 999.9 |
| 89,0° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 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: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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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 | 17960 | 136.0 | 142.3 | 139.2 |
| 95 | 237 | 251 | 17039 | 126.7 | 132.6 | 129.6 |
| 90 | 221 | 249 | 16141 | 118.2 | 123.6 | 120.9 |
| 85 | 206 | 246 | 15265 | 110.2 | 115.3 | 112.8 |
| 80 | 191 | 244 | 14357 | 102.3 | 106.9 | 104.6 |
| 75 | 177 | 241 | 13483 | 94.9 | 99.2 | 97.1 |
| 70 | 163 | 238 | 12588 | 87.7 | 91.5 | 89.6 |
| 65 | 149 | 234 | 11660 | 80.3 | 83.9 | 82.1 |
| 60 | 136 | 231 | 10773 | 73.7 | 76.8 | 75.2 |
| 55 | 123 | 227 | 9862 | 67.0 | 69.8 | 68.4 |
| 50 | 111 | 224 | 9002 | 60.8 | 63.4 | 62.1 |
| 45 | 98 | 219 | 8046 | 54.2 | 56.5 | 55.4 |
| 40 | 87 | 215 | 7214 | 48.7 | 50.7 | 49.7 |
| 35 | 75 | 209 | 6292 | 42.5 | 44.2 | 43.4 |
| 30 | 63 | 203 | 5350 | 36.5 | 37.9 | 37.2 |
| 25 | 52 | 196 | 4470 | 30.9 | 32.1 | 31.5 |
| 20 | 41 | 187 | 3571 | 25.5 | 26.4 | 26.0 |
| 15 | 30 | 176 | 2654 | 20.0 | 20.7 | 20.4 |
| 13 | 27 | 172 | 2401 | 18.5 | 19.1 | 18.8 |

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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 | 18580 | 137.5 | 143.9 | 140.7 |
| 95 | 238 | 252 | 17649 | 128.6 | 134.7 | 131.6 |
| 90 | 223 | 249 | 16750 | 120.6 | 126.1 | 123.4 |
| 85 | 208 | 247 | 15823 | 112.6 | 117.8 | 115.2 |
| 80 | 193 | 244 | 14868 | 104.6 | 109.3 | 107.0 |
| 75 | 179 | 241 | 13953 | 97.2 | 101.5 | 99.4 |
| 70 | 165 | 238 | 13021 | 89.8 | 93.7 | 91.8 |
| 65 | 151 | 235 | 12059 | 82.4 | 86.1 | 84.2 |
| 60 | 138 | 232 | 11141 | 75.6 | 79.0 | 77.3 |
| 55 | 125 | 228 | 10204 | 68.9 | 71.9 | 70.4 |
| 50 | 113 | 224 | 9318 | 62.7 | 65.3 | 64.0 |
| 45 | 100 | 220 | 8341 | 56.0 | 58.3 | 57.2 |
| 40 | 88 | 215 | 7412 | 49.9 | 51.9 | 50.9 |
| 35 | 76 | 210 | 6471 | 43.6 | 45.4 | 44.5 |
| 30 | 65 | 204 | 5591 | 38.0 | 39.5 | 38.8 |
| 25 | 53 | 197 | 4615 | 31.9 | 33.1 | 32.5 |
| 20 | 42 | 188 | 3702 | 26.4 | 27.4 | 26.9 |
| 15 | 31 | 177 | 2773 | 20.9 | 21.5 | 21.2 |
| 13 | 27 | 172 | 2431 | 18.8 | 19.5 | 19.2 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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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 | 18290 | 136.7 | 143.1 | 139.9 |
| 95 | 238 | 252 | 17390 | 127.9 | 133.9 | 130.9 |
| 90 | 222 | 249 | 16460 | 119.4 | 124.9 | 122.2 |
| 85 | 207 | 247 | 15558 | 111.3 | 116.5 | 113.9 |
| 80 | 192 | 244 | 14625 | 103.4 | 108.1 | 105.8 |
| 75 | 178 | 241 | 13730 | 96.0 | 100.3 | 98.2 |
| 70 | 164 | 238 | 12815 | 88.7 | 92.6 | 90.6 |
| 65 | 150 | 235 | 11870 | 81.4 | 85.0 | 83.2 |
| 60 | 137 | 231 | 10965 | 74.6 | 77.9 | 76.2 |
| 55 | 124 | 228 | 10041 | 67.9 | 70.8 | 69.4 |
| 50 | 112 | 224 | 9167 | 61.7 | 64.4 | 63.0 |
| 45 | 99 | 219 | 8199 | 55.1 | 57.4 | 56.2 |
| 40 | 87 | 215 | 7280 | 49.0 | 51.0 | 50.0 |
| 35 | 76 | 210 | 6425 | 43.3 | 45.1 | 44.2 |
| 30 | 64 | 204 | 5474 | 37.2 | 38.7 | 38.0 |
| 25 | 53 | 197 | 4587 | 31.7 | 32.9 | 32.3 |
| 20 | 42 | 188 | 3681 | 26.2 | 27.1 | 26.6 |
| 15 | 31 | 177 | 2757 | 20.7 | 21.3 | 21.0 |
| 13 | 27 | 172 | 2418 | 18.7 | 19.3 | 19.0 |

Photometric test report

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| Family Streetlight 21 midi LED | Order number: 5XE3H33T08MB EAN: 4058352729694 | LP number 59066_287 |
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Luminousfluxs table **sITeco**

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 17960.0 | 136.0 |
| 5.0 | 18580.0 | 137.5 |
| 15.0 | 18290.0 | 136.7 |