

Photometric test report

Family
Streetlight 21 midi easy LED

Order number: 5XE7U47N08MB
EAN: 4058352995655

LP number
59536_113



Version post-top or side-entry mounting, NEMA 7 pin (DALI)
Optic asymmetric, extremely wide distribution (P0.8a)
Cover toughened safety glass
Lamps LED 4000 K | CRI ≥ 70
Controlgear ECG-DALI Plus
Rated values Net luminous flux = 20360 lm
 Power consumption = 147.0 W
 Luminous efficacy = 138.5 lm/W

serial
documentation
18.01.2024

siteco

Luminous intensity in cd/klm

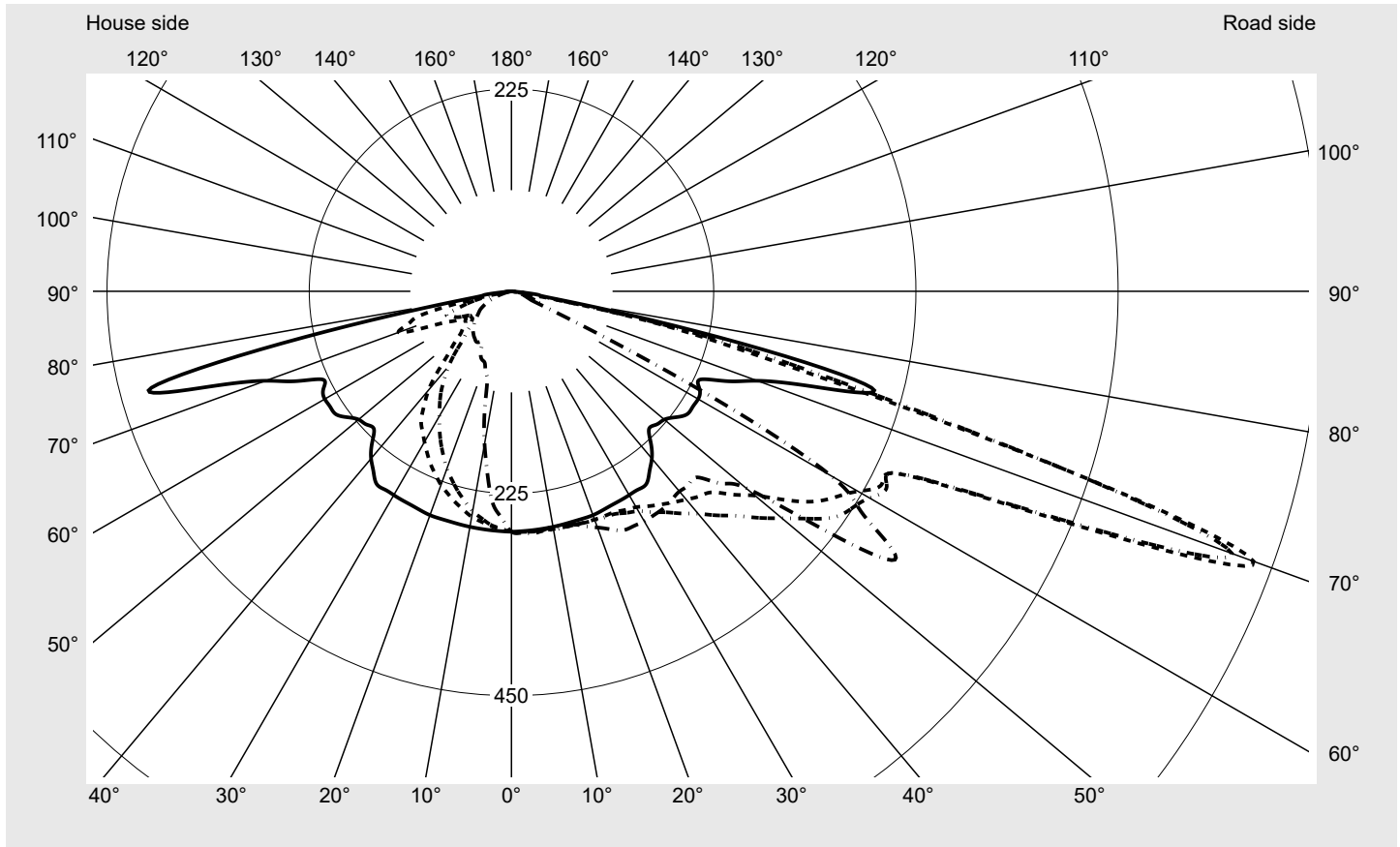
C180-0

C195-15

C200-20

C270-90

Imax: 879 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° | 878.7 |
| Imax 80° | 57.3 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

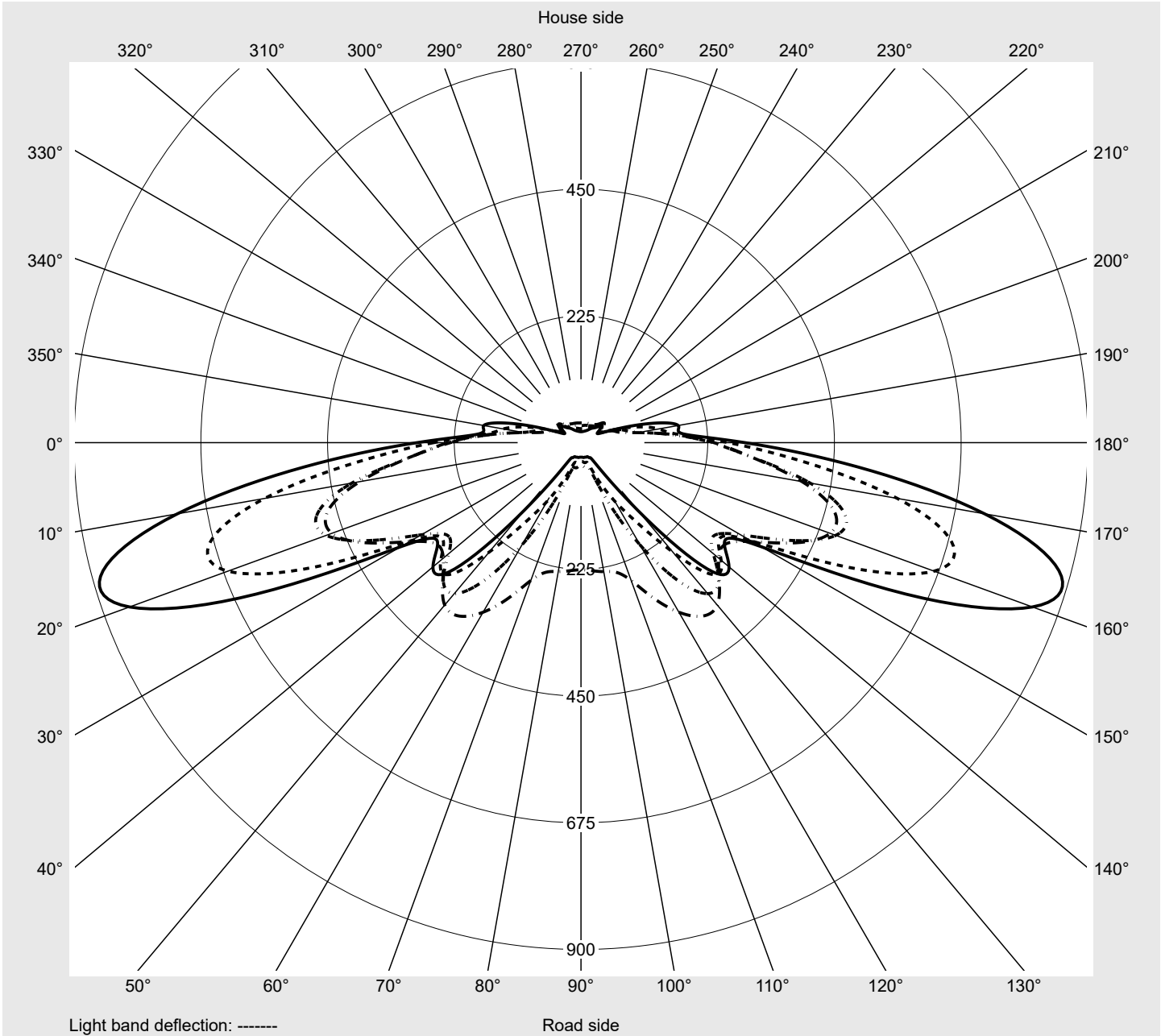
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|---|--|-------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
|---|--|-------------------------------|

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



Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
| Table of values for luminous intensities | | Maximum luminous intensity |

siteco

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | Luminous intensity in cd/klm | | | | | | | | | | | | |
| 0,0° | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 |
| 2,5° | 267.2 | 267.2 | 267.4 | 267.7 | 268.0 | 268.2 | 268.3 | 268.4 | 268.7 | 268.6 | 268.6 | 268.7 | 268.7 |
| 5,0° | 266.9 | 266.9 | 267.2 | 267.8 | 268.6 | 268.9 | 269.1 | 269.3 | 269.8 | 269.6 | 269.6 | 269.8 | 269.9 |
| 7,5° | 266.5 | 266.7 | 267.4 | 268.3 | 269.0 | 269.1 | 269.0 | 269.1 | 269.2 | 269.0 | 268.6 | 268.3 | 268.2 |
| 10,0° | 266.2 | 266.6 | 267.5 | 268.8 | 269.4 | 269.4 | 269.0 | 268.9 | 268.7 | 268.3 | 267.5 | 266.8 | 266.5 |
| 12,5° | 265.7 | 266.8 | 267.7 | 268.9 | 269.3 | 269.2 | 268.7 | 268.4 | 268.0 | 267.7 | 267.2 | 266.8 | 266.7 |
| 15,0° | 265.2 | 267.0 | 267.9 | 269.1 | 269.2 | 269.1 | 268.3 | 267.9 | 267.3 | 267.0 | 266.9 | 266.8 | 267.0 |
| 17,5° | 265.2 | 267.9 | 268.8 | 269.7 | 270.1 | 270.0 | 269.8 | 269.8 | 269.9 | 270.4 | 270.8 | 271.1 | 271.6 |
| 20,0° | 265.1 | 268.9 | 269.6 | 270.3 | 271.0 | 270.8 | 271.2 | 271.7 | 272.4 | 273.8 | 274.7 | 275.4 | 276.3 |
| 22,5° | 264.0 | 268.4 | 269.8 | 270.7 | 272.2 | 273.3 | 274.8 | 276.9 | 278.7 | 280.6 | 282.2 | 283.8 | 285.0 |
| 25,0° | 262.8 | 268.0 | 269.9 | 271.2 | 273.4 | 275.7 | 278.4 | 282.1 | 285.0 | 287.4 | 289.7 | 292.2 | 293.7 |
| 27,5° | 262.3 | 269.0 | 271.7 | 274.3 | 277.9 | 281.8 | 286.1 | 291.1 | 295.3 | 299.0 | 301.4 | 302.9 | 302.7 |
| 30,0° | 261.9 | 269.9 | 273.5 | 277.4 | 282.5 | 287.8 | 293.9 | 300.0 | 305.5 | 310.6 | 313.1 | 313.5 | 311.7 |
| 32,5° | 261.8 | 271.7 | 277.3 | 283.5 | 291.4 | 299.5 | 307.7 | 315.0 | 321.0 | 325.6 | 326.4 | 323.2 | 318.0 |
| 35,0° | 261.7 | 273.6 | 281.1 | 289.6 | 300.3 | 311.1 | 321.4 | 329.9 | 336.4 | 340.6 | 339.8 | 332.9 | 324.3 |
| 37,5° | 252.3 | 268.4 | 281.4 | 296.0 | 311.7 | 326.6 | 338.9 | 348.1 | 353.7 | 354.6 | 350.3 | 339.3 | 327.6 |
| 40,0° | 243.0 | 263.2 | 281.8 | 302.4 | 323.1 | 342.1 | 356.4 | 366.4 | 370.9 | 368.7 | 360.7 | 345.6 | 330.9 |
| 42,5° | 229.8 | 256.4 | 281.5 | 309.4 | 338.2 | 363.9 | 378.3 | 385.7 | 385.6 | 377.9 | 365.2 | 348.0 | 332.0 |
| 45,0° | 216.5 | 249.6 | 281.2 | 316.3 | 353.3 | 385.7 | 400.3 | 405.0 | 400.3 | 387.0 | 369.7 | 350.4 | 333.1 |
| 47,5° | 219.3 | 258.6 | 295.9 | 335.0 | 373.2 | 403.4 | 416.6 | 415.9 | 404.4 | 385.7 | 366.0 | 350.2 | 338.2 |
| 50,0° | 222.0 | 267.6 | 310.6 | 353.7 | 393.0 | 421.0 | 433.0 | 426.9 | 408.5 | 384.3 | 362.2 | 350.0 | 343.3 |
| 52,5° | 230.3 | 281.2 | 331.6 | 380.9 | 415.7 | 432.1 | 429.8 | 415.1 | 391.8 | 372.1 | 363.5 | 370.8 | 388.4 |
| 55,0° | 238.5 | 294.7 | 352.7 | 408.1 | 438.3 | 443.1 | 426.6 | 403.4 | 375.0 | 359.8 | 364.8 | 391.6 | 433.4 |
| 57,5° | 239.2 | 300.2 | 368.4 | 426.7 | 449.2 | 436.9 | 401.3 | 371.3 | 353.4 | 354.2 | 384.0 | 423.0 | 459.6 |
| 60,0° | 239.9 | 305.7 | 384.0 | 445.2 | 460.1 | 430.6 | 376.1 | 339.2 | 331.9 | 348.6 | 403.2 | 454.3 | 485.7 |
| 62,5° | 236.0 | 306.5 | 398.6 | 464.7 | 470.8 | 420.8 | 351.7 | 313.7 | 319.3 | 347.2 | 376.6 | 376.0 | 347.7 |
| 65,0° | 232.2 | 307.3 | 413.1 | 484.1 | 481.4 | 410.9 | 327.3 | 288.2 | 306.7 | 345.7 | 350.0 | 297.8 | 209.7 |
| 67,5° | 261.7 | 400.0 | 570.4 | 681.4 | 667.3 | 523.6 | 348.4 | 299.5 | 324.9 | 331.4 | 253.7 | 172.7 | 120.4 |
| 70,0° | 291.2 | 492.6 | 727.8 | 878.7 | 853.1 | 636.3 | 369.5 | 310.8 | 343.1 | 317.0 | 157.5 | 47.7 | 31.0 |
| 72,5° | 353.0 | 430.5 | 526.3 | 594.6 | 600.5 | 549.8 | 505.8 | 527.8 | 350.6 | 186.2 | 90.1 | 34.6 | 25.1 |
| 75,0° | 414.8 | 368.5 | 324.8 | 310.5 | 347.9 | 463.4 | 642.1 | 744.8 | 358.1 | 55.4 | 22.7 | 21.6 | 19.3 |
| 77,5° | 236.0 | 205.6 | 178.8 | 168.2 | 183.7 | 239.0 | 334.0 | 387.5 | 184.9 | 33.3 | 17.6 | 16.7 | 14.7 |
| 80,0° | 57.3 | 42.7 | 32.7 | 25.9 | 19.4 | 14.6 | 25.9 | 30.2 | 11.7 | 11.3 | 12.5 | 11.9 | 10.0 |
| 82,5° | 30.0 | 22.6 | 17.5 | 14.0 | 10.7 | 8.3 | 13.9 | 16.1 | 6.8 | 6.6 | 7.4 | 7.1 | 6.4 |
| 85,0° | 2.7 | 2.5 | 2.3 | 2.2 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.3 | 2.4 | 2.7 |
| 87,5° | 1.4 | 1.3 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.2 | 1.4 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

| | | |
|--|--|--------------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
| 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° | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 |
| 2,5° | 268.8 | 268.7 | 268.8 | 268.9 | 268.9 | 269.0 | 266.5 | 265.7 | 264.9 | 264.3 | 263.2 | 262.1 | 260.9 |
| 5,0° | 270.0 | 269.8 | 270.0 | 270.2 | 270.3 | 270.5 | 265.5 | 264.0 | 262.3 | 261.0 | 259.0 | 256.8 | 254.3 |
| 7,5° | 268.1 | 268.0 | 267.8 | 268.0 | 268.1 | 268.3 | 264.6 | 261.7 | 258.5 | 254.8 | 250.1 | 245.2 | 240.0 |
| 10,0° | 266.2 | 266.2 | 265.6 | 265.7 | 265.9 | 266.2 | 263.7 | 259.4 | 254.8 | 248.5 | 241.2 | 233.7 | 225.8 |
| 12,5° | 266.6 | 266.7 | 266.6 | 266.8 | 267.1 | 267.4 | 262.2 | 256.2 | 248.7 | 239.4 | 229.0 | 218.0 | 206.6 |
| 15,0° | 267.0 | 267.3 | 267.5 | 267.9 | 268.3 | 268.7 | 260.7 | 253.0 | 242.7 | 230.3 | 216.7 | 202.2 | 187.3 |
| 17,5° | 271.9 | 272.4 | 272.7 | 273.3 | 273.7 | 274.2 | 260.0 | 249.6 | 236.0 | 220.1 | 202.7 | 184.7 | 166.5 |
| 20,0° | 276.9 | 277.5 | 277.9 | 278.7 | 279.1 | 279.7 | 259.3 | 246.2 | 229.2 | 209.9 | 188.8 | 167.2 | 145.7 |
| 22,5° | 285.7 | 286.0 | 285.3 | 285.9 | 286.0 | 286.6 | 256.1 | 240.7 | 220.9 | 197.9 | 173.1 | 148.9 | 124.7 |
| 25,0° | 294.5 | 294.4 | 292.7 | 293.2 | 293.0 | 293.5 | 253.0 | 235.1 | 212.5 | 186.0 | 157.4 | 130.7 | 103.7 |
| 27,5° | 301.7 | 299.6 | 296.6 | 295.1 | 294.3 | 294.5 | 249.8 | 229.0 | 203.1 | 173.2 | 142.1 | 112.9 | 90.5 |
| 30,0° | 308.9 | 304.7 | 300.5 | 297.1 | 295.6 | 295.6 | 246.5 | 222.9 | 193.6 | 160.4 | 126.8 | 95.2 | 77.3 |
| 32,5° | 313.0 | 307.3 | 302.0 | 297.5 | 295.4 | 295.3 | 243.8 | 216.9 | 184.3 | 148.5 | 113.2 | 85.2 | 75.5 |
| 35,0° | 317.0 | 310.0 | 303.6 | 298.0 | 295.1 | 294.9 | 241.1 | 211.0 | 175.1 | 136.5 | 99.5 | 75.1 | 73.7 |
| 37,5° | 317.8 | 309.7 | 303.3 | 296.8 | 293.1 | 292.9 | 227.5 | 194.9 | 159.3 | 122.5 | 89.6 | 70.6 | 71.2 |
| 40,0° | 318.5 | 309.4 | 303.1 | 295.7 | 291.1 | 290.8 | 213.8 | 178.8 | 143.5 | 108.6 | 79.7 | 66.1 | 68.6 |
| 42,5° | 318.9 | 309.7 | 303.7 | 297.1 | 292.4 | 291.8 | 194.6 | 156.5 | 121.9 | 92.6 | 71.9 | 63.8 | 66.0 |
| 45,0° | 319.2 | 310.1 | 304.3 | 298.5 | 293.8 | 292.9 | 175.4 | 134.2 | 100.3 | 76.6 | 64.1 | 61.5 | 63.3 |
| 47,5° | 329.8 | 326.0 | 323.9 | 321.0 | 317.3 | 316.6 | 170.5 | 122.9 | 87.3 | 67.9 | 61.3 | 60.6 | 62.1 |
| 50,0° | 340.3 | 341.9 | 343.4 | 343.5 | 340.8 | 340.4 | 165.5 | 111.6 | 74.4 | 59.3 | 58.4 | 59.8 | 60.9 |
| 52,5° | 405.0 | 419.9 | 430.4 | 434.7 | 431.6 | 430.6 | 167.0 | 108.2 | 68.4 | 56.2 | 56.5 | 57.5 | 57.6 |
| 55,0° | 469.7 | 498.0 | 517.3 | 525.9 | 522.3 | 520.8 | 168.4 | 104.8 | 62.4 | 53.0 | 54.6 | 55.3 | 54.3 |
| 57,5° | 478.3 | 480.2 | 474.1 | 472.9 | 468.6 | 465.7 | 167.5 | 102.3 | 61.0 | 53.3 | 50.4 | 50.0 | 50.6 |
| 60,0° | 486.8 | 462.4 | 430.8 | 419.9 | 414.9 | 410.5 | 166.7 | 99.7 | 59.6 | 53.6 | 46.2 | 44.6 | 46.9 |
| 62,5° | 304.6 | 260.5 | 238.2 | 232.6 | 228.3 | 225.8 | 164.6 | 102.3 | 71.0 | 60.8 | 46.8 | 42.1 | 46.4 |
| 65,0° | 122.3 | 58.5 | 45.5 | 45.3 | 41.7 | 41.1 | 162.5 | 104.9 | 82.5 | 68.0 | 47.5 | 39.6 | 45.8 |
| 67,5° | 75.0 | 42.9 | 36.1 | 36.0 | 33.8 | 33.5 | 171.9 | 140.1 | 107.9 | 72.2 | 44.8 | 36.5 | 43.4 |
| 70,0° | 27.6 | 27.3 | 26.7 | 26.8 | 26.0 | 25.9 | 181.3 | 175.3 | 133.4 | 76.4 | 42.1 | 33.3 | 41.1 |
| 72,5° | 22.7 | 22.0 | 21.3 | 21.1 | 20.5 | 20.3 | 265.1 | 189.7 | 120.0 | 62.2 | 33.7 | 27.5 | 35.0 |
| 75,0° | 17.7 | 16.6 | 15.9 | 15.3 | 15.0 | 14.8 | 348.9 | 204.0 | 106.7 | 47.9 | 25.3 | 21.8 | 29.0 |
| 77,5° | 13.1 | 12.5 | 11.5 | 11.1 | 10.8 | 10.6 | 193.6 | 113.1 | 59.4 | 29.8 | 17.4 | 15.8 | 20.3 |
| 80,0° | 8.4 | 8.3 | 7.2 | 6.9 | 6.6 | 6.5 | 38.3 | 22.1 | 12.2 | 11.8 | 9.4 | 9.8 | 11.6 |
| 82,5° | 5.4 | 5.2 | 4.5 | 4.3 | 4.1 | 4.0 | 20.5 | 12.5 | 7.6 | 7.4 | 6.0 | 6.3 | 7.0 |
| 85,0° | 2.3 | 2.1 | 1.8 | 1.7 | 1.6 | 1.5 | 2.8 | 2.8 | 2.9 | 2.9 | 2.7 | 2.7 | 2.5 |
| 87,5° | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.7 | 1.4 | 1.4 | 1.5 | 1.5 | 1.4 | 1.4 | 1.3 |
| 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 |

Photometric test report

| | | |
|--|--|--------------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
| 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° | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 267.5 | 0.4 | 0.4 |
| 2,5° | 259.6 | 258.4 | 257.3 | 256.2 | 255.1 | 254.3 | 253.6 | 253.0 | 252.6 | 252.4 | 252.3 | 3.2 | 3.6 |
| 5,0° | 251.7 | 249.4 | 247.1 | 244.9 | 242.7 | 241.1 | 239.8 | 238.5 | 237.7 | 237.3 | 237.2 | 6.2 | 9.8 |
| 7,5° | 234.8 | 230.1 | 225.2 | 220.5 | 216.3 | 213.0 | 210.1 | 207.9 | 206.2 | 205.4 | 204.8 | 9.0 | 18.7 |
| 10,0° | 217.9 | 210.8 | 203.4 | 196.1 | 189.9 | 184.8 | 180.4 | 177.3 | 174.8 | 173.4 | 172.5 | 11.5 | 30.2 |
| 12,5° | 195.6 | 185.0 | 175.2 | 166.1 | 158.0 | 151.4 | 146.3 | 142.8 | 140.4 | 139.1 | 138.4 | 13.6 | 43.8 |
| 15,0° | 173.3 | 159.2 | 147.1 | 136.1 | 126.1 | 118.1 | 112.2 | 108.3 | 106.0 | 104.7 | 104.3 | 15.5 | 59.4 |
| 17,5° | 149.3 | 133.3 | 121.0 | 111.9 | 105.2 | 100.8 | 98.1 | 96.7 | 95.8 | 95.3 | 95.2 | 17.6 | 76.9 |
| 20,0° | 125.4 | 107.5 | 94.9 | 87.6 | 84.4 | 83.5 | 84.0 | 85.2 | 85.7 | 85.9 | 86.1 | 19.5 | 96.4 |
| 22,5° | 105.4 | 93.2 | 87.8 | 86.3 | 86.0 | 85.8 | 85.4 | 85.1 | 84.3 | 83.6 | 83.3 | 21.7 | 118.1 |
| 25,0° | 85.5 | 78.9 | 80.6 | 84.9 | 87.6 | 88.0 | 86.8 | 84.9 | 82.9 | 81.2 | 80.5 | 23.8 | 141.9 |
| 27,5° | 81.2 | 81.9 | 85.3 | 88.0 | 88.0 | 85.8 | 82.5 | 79.3 | 76.2 | 74.0 | 73.1 | 26.1 | 168.0 |
| 30,0° | 77.0 | 84.8 | 90.0 | 91.2 | 88.3 | 83.6 | 78.3 | 73.6 | 69.6 | 66.7 | 65.7 | 28.2 | 196.2 |
| 32,5° | 79.1 | 85.7 | 88.8 | 87.8 | 84.1 | 79.6 | 75.2 | 71.9 | 69.4 | 67.7 | 67.1 | 30.6 | 226.8 |
| 35,0° | 81.2 | 86.7 | 87.6 | 84.5 | 79.9 | 75.6 | 72.2 | 70.2 | 69.3 | 68.6 | 68.4 | 32.9 | 259.7 |
| 37,5° | 76.3 | 79.2 | 78.9 | 77.1 | 76.1 | 74.0 | 71.1 | 69.2 | 67.9 | 67.1 | 66.7 | 34.9 | 294.6 |
| 40,0° | 71.3 | 71.6 | 70.3 | 69.7 | 72.4 | 72.5 | 70.0 | 68.2 | 66.6 | 65.5 | 65.1 | 36.8 | 331.3 |
| 42,5° | 67.4 | 67.5 | 68.8 | 69.1 | 68.9 | 68.5 | 66.8 | 65.5 | 64.3 | 63.3 | 62.9 | 38.5 | 369.8 |
| 45,0° | 63.5 | 63.4 | 67.3 | 68.6 | 65.4 | 64.6 | 63.6 | 62.8 | 62.0 | 61.1 | 60.7 | 40.2 | 410.1 |
| 47,5° | 62.2 | 64.8 | 65.8 | 64.2 | 61.6 | 61.0 | 60.1 | 59.3 | 58.4 | 57.5 | 57.2 | 42.8 | 452.8 |
| 50,0° | 60.9 | 66.1 | 64.2 | 59.8 | 57.9 | 57.4 | 56.6 | 55.8 | 54.8 | 53.9 | 53.6 | 45.3 | 498.1 |
| 52,5° | 59.8 | 63.6 | 59.5 | 55.6 | 53.9 | 53.3 | 52.6 | 51.7 | 50.6 | 49.9 | 49.7 | 50.1 | 548.1 |
| 55,0° | 58.6 | 61.0 | 54.8 | 51.4 | 50.0 | 49.2 | 48.5 | 47.6 | 46.5 | 45.9 | 45.9 | 55.0 | 603.1 |
| 57,5° | 57.5 | 56.2 | 50.1 | 47.2 | 46.0 | 45.1 | 44.4 | 43.8 | 43.2 | 42.8 | 42.8 | 55.3 | 658.4 |
| 60,0° | 56.4 | 51.4 | 45.4 | 43.1 | 42.0 | 41.0 | 40.4 | 40.0 | 39.8 | 39.7 | 39.6 | 55.4 | 713.8 |
| 62,5° | 54.0 | 47.8 | 42.0 | 39.7 | 38.3 | 37.1 | 36.5 | 36.0 | 35.5 | 35.1 | 35.0 | 47.7 | 761.5 |
| 65,0° | 51.6 | 44.2 | 38.6 | 36.3 | 34.6 | 33.2 | 32.5 | 31.9 | 31.2 | 30.5 | 30.5 | 39.5 | 800.9 |
| 67,5° | 48.3 | 41.4 | 36.3 | 33.4 | 30.6 | 28.5 | 27.4 | 26.5 | 25.7 | 25.0 | 24.9 | 43.3 | 844.2 |
| 70,0° | 45.1 | 38.6 | 34.0 | 30.6 | 26.6 | 23.9 | 22.2 | 21.1 | 20.1 | 19.6 | 19.4 | 47.1 | 891.3 |
| 72,5° | 38.7 | 34.3 | 30.3 | 25.9 | 21.5 | 18.5 | 16.7 | 15.5 | 14.5 | 14.0 | 13.8 | 42.6 | 933.9 |
| 75,0° | 32.4 | 30.0 | 26.6 | 21.3 | 16.4 | 13.1 | 11.3 | 10.0 | 9.0 | 8.3 | 8.1 | 37.9 | 971.7 |
| 77,5° | 22.7 | 22.3 | 20.0 | 15.8 | 11.7 | 9.2 | 7.7 | 6.6 | 5.6 | 4.9 | 4.7 | 21.1 | 992.8 |
| 80,0° | 13.0 | 14.5 | 13.5 | 10.3 | 7.0 | 5.2 | 4.2 | 3.1 | 2.2 | 1.5 | 1.3 | 4.0 | 996.9 |
| 82,5° | 7.7 | 8.3 | 7.6 | 6.0 | 4.2 | 3.2 | 2.6 | 2.0 | 1.5 | 1.0 | 0.9 | 2.3 | 999.2 |
| 85,0° | 2.3 | 2.1 | 1.8 | 1.7 | 1.5 | 1.3 | 1.0 | 0.8 | 0.7 | 0.6 | 0.6 | 0.6 | 999.7 |
| 87,5° | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 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 |

Photometric test report

| | | |
|---|--|-------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
| 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 | 20360 | 147.0 | 155.2 | 151.1 |
| 95 | 237 | 251 | 19340 | 137.0 | 144.6 | 140.8 |
| 90 | 221 | 249 | 18337 | 127.5 | 134.7 | 131.1 |
| 85 | 205 | 246 | 17297 | 118.4 | 124.8 | 121.6 |
| 80 | 190 | 243 | 16281 | 109.7 | 115.7 | 112.7 |
| 75 | 176 | 241 | 15295 | 101.7 | 107.2 | 104.4 |
| 70 | 162 | 238 | 14280 | 93.8 | 98.8 | 96.3 |
| 65 | 148 | 234 | 13237 | 85.9 | 90.5 | 88.2 |
| 60 | 135 | 231 | 12231 | 78.6 | 82.8 | 80.7 |
| 55 | 122 | 227 | 11197 | 71.4 | 75.1 | 73.2 |
| 50 | 110 | 223 | 10216 | 64.8 | 68.1 | 66.4 |
| 45 | 97 | 219 | 9128 | 57.6 | 60.5 | 59.0 |
| 40 | 86 | 214 | 8178 | 51.6 | 54.2 | 52.9 |
| 35 | 74 | 209 | 7123 | 44.9 | 47.3 | 46.1 |
| 30 | 63 | 203 | 6136 | 38.9 | 40.9 | 39.9 |
| 25 | 52 | 196 | 5127 | 33.0 | 34.5 | 33.8 |
| 20 | 41 | 187 | 4097 | 27.1 | 28.3 | 27.7 |
| 15 | 30 | 176 | 3044 | 21.2 | 22.1 | 21.6 |
| 13 | 25 | 169 | 2560 | 18.5 | 19.2 | 18.8 |

| | |
|-----------------------------|--------------------------------|
| 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 | 21080 | 148.5 | 156.9 | 152.7 |
| 95 | 238 | 252 | 20043 | 139.0 | 146.8 | 142.9 |
| 90 | 222 | 249 | 18971 | 129.6 | 136.9 | 133.2 |
| 85 | 207 | 247 | 17933 | 120.9 | 127.5 | 124.2 |
| 80 | 192 | 244 | 16862 | 112.1 | 118.4 | 115.2 |
| 75 | 178 | 241 | 15829 | 104.1 | 109.8 | 107.0 |
| 70 | 164 | 238 | 14771 | 96.1 | 101.3 | 98.7 |
| 65 | 150 | 235 | 13686 | 88.2 | 92.8 | 90.5 |
| 60 | 137 | 231 | 12646 | 80.8 | 85.1 | 82.9 |
| 55 | 124 | 228 | 11581 | 73.5 | 77.3 | 75.4 |
| 50 | 112 | 224 | 10574 | 66.8 | 70.2 | 68.5 |
| 45 | 99 | 219 | 9459 | 59.5 | 62.5 | 61.0 |
| 40 | 87 | 215 | 8401 | 52.8 | 55.5 | 54.2 |
| 35 | 76 | 210 | 7414 | 46.7 | 49.2 | 48.0 |
| 30 | 64 | 204 | 6318 | 40.1 | 42.0 | 41.0 |
| 25 | 53 | 197 | 5291 | 34.0 | 35.6 | 34.8 |
| 20 | 42 | 188 | 4246 | 28.1 | 29.2 | 28.6 |
| 15 | 31 | 177 | 3179 | 22.1 | 23.0 | 22.6 |
| 12 | 25 | 169 | 2591 | 18.8 | 19.6 | 19.2 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
|---|--|--------------------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| 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 | 20740 | 147.7 | 156.0 | 151.8 |
| 95 | 237 | 251 | 19676 | 137.8 | 145.4 | 141.6 |
| 90 | 221 | 249 | 18636 | 128.2 | 135.4 | 131.8 |
| 85 | 206 | 246 | 17627 | 119.6 | 126.1 | 122.8 |
| 80 | 191 | 244 | 16583 | 111.0 | 117.1 | 114.0 |
| 75 | 177 | 241 | 15573 | 102.9 | 108.5 | 105.7 |
| 70 | 163 | 238 | 14535 | 94.9 | 100.0 | 97.4 |
| 65 | 149 | 234 | 13470 | 87.0 | 91.6 | 89.3 |
| 60 | 136 | 231 | 12445 | 79.7 | 83.9 | 81.8 |
| 55 | 123 | 227 | 11395 | 72.5 | 76.2 | 74.4 |
| 50 | 111 | 224 | 10401 | 65.7 | 69.1 | 67.4 |
| 45 | 98 | 219 | 9298 | 58.5 | 61.5 | 60.0 |
| 40 | 87 | 215 | 8339 | 52.5 | 55.1 | 53.8 |
| 35 | 75 | 209 | 7272 | 45.8 | 48.2 | 47.0 |
| 30 | 63 | 203 | 6184 | 39.2 | 41.2 | 40.2 |
| 25 | 52 | 196 | 5165 | 33.2 | 34.8 | 34.0 |
| 20 | 41 | 187 | 4126 | 27.3 | 28.5 | 27.9 |
| 15 | 30 | 176 | 3065 | 21.3 | 22.2 | 21.8 |
| 12 | 25 | 169 | 2577 | 18.7 | 19.4 | 19.0 |

Photometric test report

| | | |
|---|--|--------------------------------------|
| Family Streetlight 21 midi easy LED | Order number: 5XE7U47N08MB EAN: 4058352995655 | LP number 59536_113 |
|---|--|--------------------------------------|

Luminousfluxs table



| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 20360.0 | 147.0 |
| 5.0 | 21080.0 | 148.5 |
| 15.0 | 20740.0 | 147.7 |