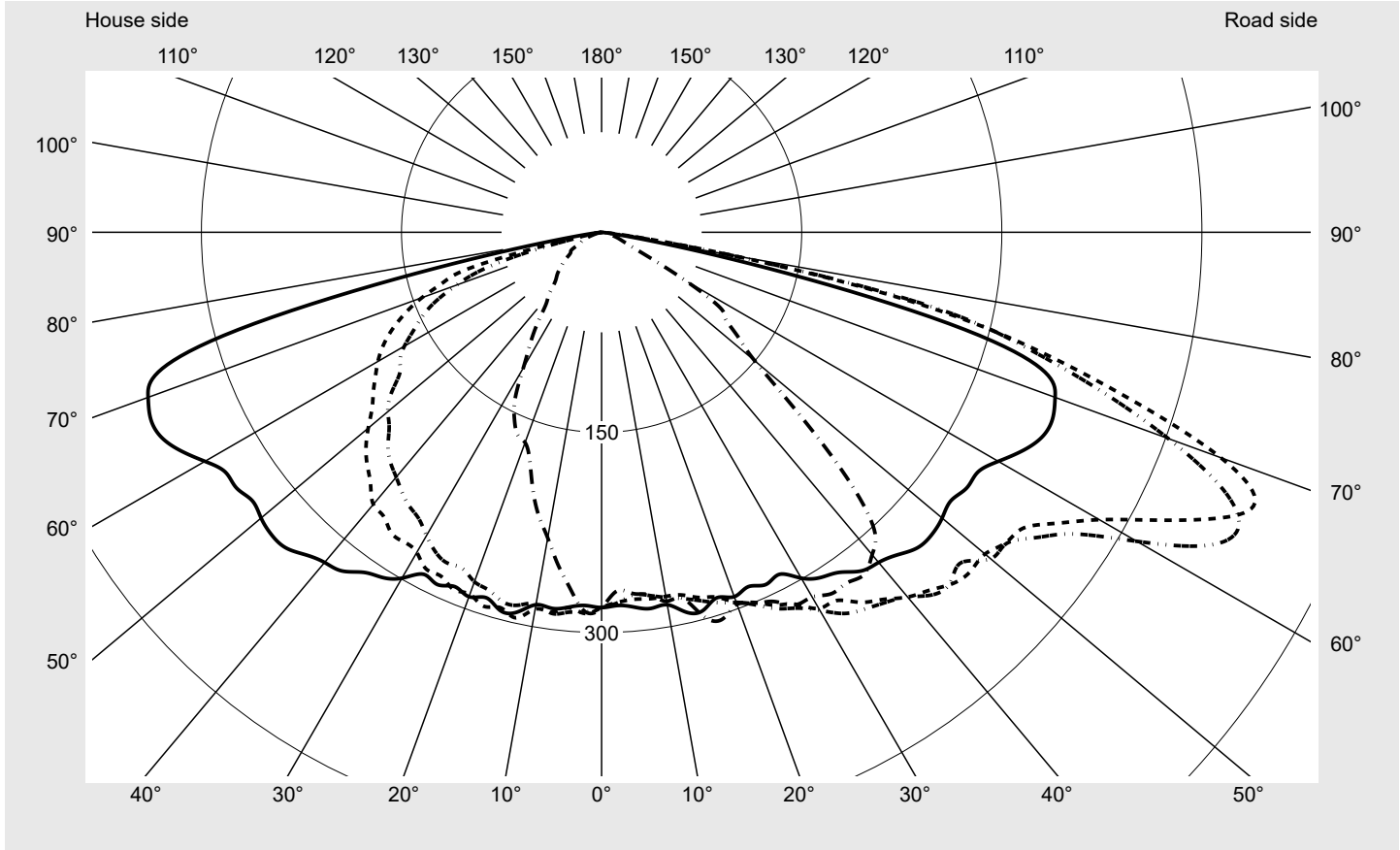


Photometric test report

| | | |
|---|--|--|
| Family Streetlight 21 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
| | Version post-top or side-entry mounting, Smart Interface up Optic asymmetric, wide distribution (ST1.0a G), Back Light Control (BLC) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear EVG-Smart Interface Rated values Net luminous flux = 11290 lm Power consumption = 87.3 W Luminous efficacy = 129.3 lm/W | serial documentation 23.08.2022 |



Luminous intensity in cd/klm C180-0 C195-15 C200-20 C270-90 **Imax: 530 cd/klm**



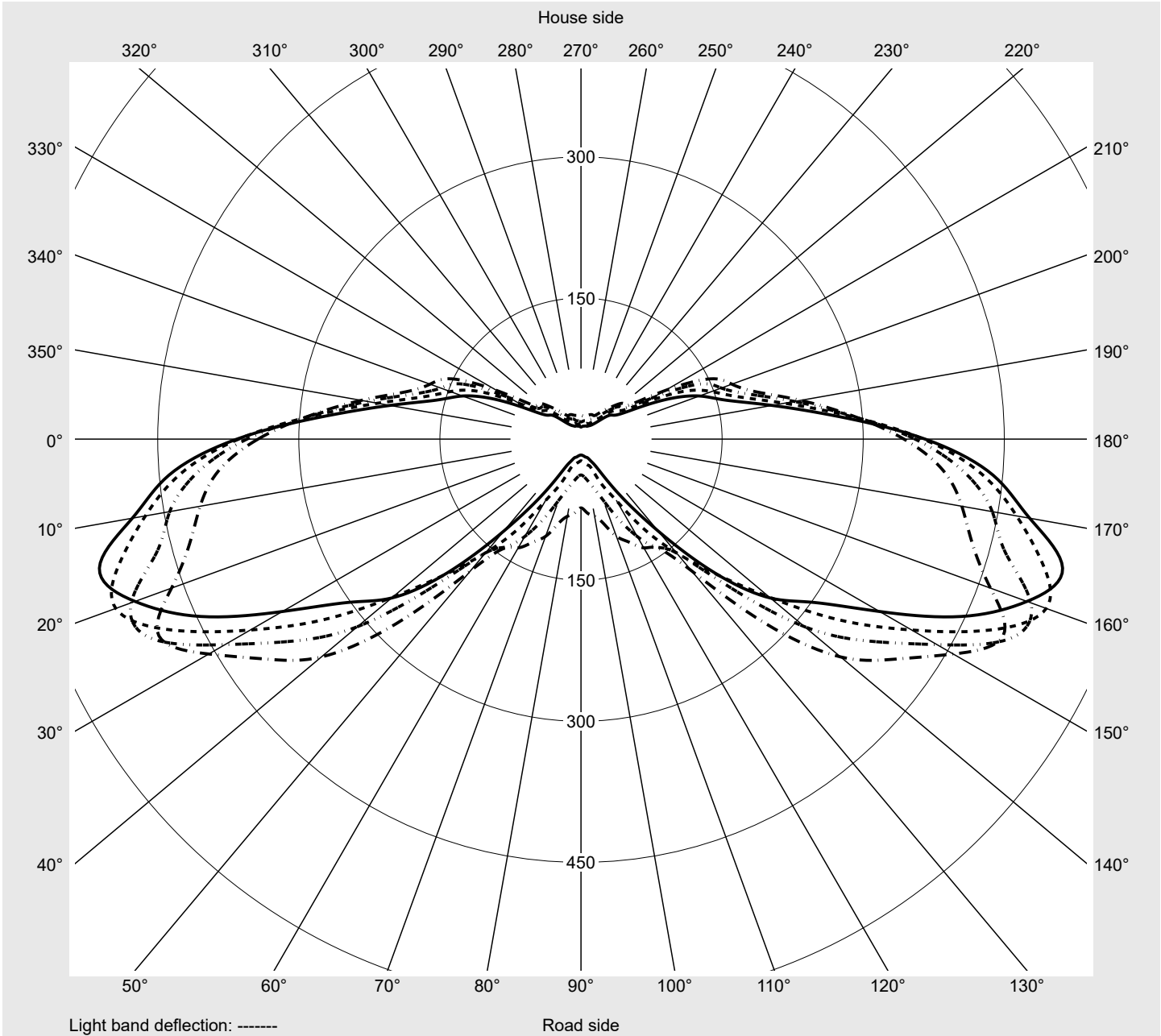
| Luminaire output ratios | |
|---------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |
| Measurement conditions | |
| DIN EN 13032 and DIN 5032 | |

| Luminous intensity class acc. to EN13201-2 | |
|--|-------|
| Class: | G4 |
| Imax 70° | 494.0 |
| Imax 80° | 97.3 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Photometric test report

| | | |
|---|--|-------------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
|---|--|-------------------------------------|

Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

| | | |
|---|--|-------------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
| 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° | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 |
| 2,5° | 280.0 | 279.5 | 279.2 | 277.7 | 277.9 | 277.2 | 277.5 | 277.2 | 275.6 | 274.9 | 274.1 | 272.2 | 271.9 |
| 5,0° | 282.0 | 279.0 | 278.0 | 276.1 | 272.9 | 271.2 | 268.2 | 269.1 | 269.6 | 270.1 | 269.8 | 269.1 | 270.9 |
| 7,5° | 284.3 | 282.5 | 280.2 | 277.0 | 274.6 | 269.8 | 270.2 | 271.2 | 274.2 | 276.9 | 275.3 | 277.1 | 278.7 |
| 10,0° | 283.5 | 278.8 | 278.9 | 277.1 | 277.9 | 275.3 | 275.0 | 274.3 | 277.9 | 276.8 | 278.3 | 280.6 | 285.6 |
| 12,5° | 291.5 | 283.0 | 278.6 | 278.5 | 281.2 | 284.6 | 289.1 | 289.5 | 285.3 | 284.2 | 286.1 | 285.7 | 287.3 |
| 15,0° | 293.5 | 287.3 | 282.6 | 283.4 | 285.9 | 287.5 | 291.2 | 291.6 | 289.1 | 290.7 | 289.2 | 288.4 | 292.5 |
| 17,5° | 287.2 | 283.0 | 284.7 | 286.8 | 291.0 | 295.5 | 294.3 | 295.6 | 291.9 | 292.9 | 293.3 | 291.2 | 291.8 |
| 20,0° | 290.7 | 291.7 | 292.2 | 295.1 | 295.4 | 298.3 | 298.7 | 298.0 | 297.8 | 295.7 | 296.5 | 296.5 | 299.4 |
| 22,5° | 287.5 | 290.7 | 295.2 | 300.3 | 302.4 | 303.2 | 304.2 | 303.3 | 305.0 | 303.4 | 306.4 | 303.6 | 308.2 |
| 25,0° | 291.3 | 293.7 | 300.6 | 308.4 | 311.2 | 310.2 | 305.1 | 310.6 | 315.6 | 314.0 | 311.9 | 310.8 | 313.1 |
| 27,5° | 289.0 | 299.0 | 309.0 | 314.3 | 317.6 | 319.7 | 315.4 | 321.2 | 315.6 | 313.1 | 310.8 | 312.4 | 317.4 |
| 30,0° | 299.3 | 307.0 | 319.6 | 325.6 | 327.2 | 326.9 | 321.7 | 323.1 | 317.8 | 323.1 | 319.9 | 314.6 | 319.2 |
| 32,5° | 306.6 | 316.1 | 327.3 | 327.3 | 338.8 | 336.8 | 328.0 | 332.2 | 327.0 | 328.7 | 324.9 | 323.3 | 321.4 |
| 35,0° | 311.1 | 323.0 | 331.4 | 338.6 | 344.6 | 341.3 | 340.8 | 340.2 | 334.2 | 335.6 | 333.1 | 338.0 | 343.9 |
| 37,5° | 319.9 | 329.0 | 340.9 | 346.8 | 349.7 | 351.4 | 343.0 | 340.3 | 343.7 | 357.2 | 349.0 | 349.3 | 350.7 |
| 40,0° | 323.1 | 341.3 | 350.9 | 356.9 | 356.9 | 355.3 | 348.8 | 348.2 | 355.8 | 358.7 | 355.6 | 359.4 | 347.1 |
| 42,5° | 328.0 | 352.6 | 360.8 | 363.9 | 368.3 | 358.2 | 356.2 | 364.4 | 370.1 | 370.9 | 367.6 | 359.1 | 344.9 |
| 45,0° | 334.6 | 357.9 | 364.8 | 372.3 | 370.2 | 361.6 | 366.2 | 373.8 | 385.7 | 385.3 | 368.9 | 360.6 | 349.9 |
| 47,5° | 335.6 | 361.2 | 371.9 | 375.5 | 366.2 | 374.6 | 379.7 | 390.8 | 395.5 | 392.9 | 373.7 | 358.5 | 330.6 |
| 50,0° | 333.2 | 358.6 | 375.4 | 375.2 | 380.7 | 383.0 | 391.4 | 407.7 | 423.6 | 398.5 | 367.7 | 329.8 | 282.7 |
| 52,5° | 330.3 | 358.8 | 373.2 | 382.1 | 382.9 | 396.7 | 409.7 | 434.6 | 441.4 | 401.3 | 350.0 | 291.1 | 233.7 |
| 55,0° | 334.1 | 363.5 | 378.1 | 386.3 | 398.8 | 423.8 | 441.5 | 441.1 | 420.3 | 385.7 | 309.2 | 234.7 | 184.4 |
| 57,5° | 334.5 | 363.0 | 386.9 | 405.8 | 420.8 | 451.3 | 460.8 | 432.9 | 394.6 | 333.1 | 244.9 | 182.0 | 145.6 |
| 60,0° | 343.4 | 386.8 | 411.2 | 430.9 | 463.3 | 495.1 | 456.9 | 407.8 | 360.3 | 277.0 | 182.7 | 141.5 | 133.5 |
| 62,5° | 355.2 | 409.6 | 444.0 | 467.2 | 508.8 | 502.5 | 436.9 | 374.5 | 310.3 | 220.8 | 158.1 | 140.1 | 119.6 |
| 65,0° | 363.9 | 427.8 | 470.2 | 507.6 | 526.4 | 480.2 | 405.9 | 335.1 | 261.4 | 202.9 | 157.6 | 116.6 | 75.7 |
| 67,5° | 365.9 | 439.7 | 484.4 | 530.1 | 504.6 | 446.2 | 366.6 | 302.8 | 262.8 | 201.3 | 127.5 | 74.5 | 38.3 |
| 70,0° | 361.8 | 427.3 | 480.7 | 494.0 | 452.1 | 390.2 | 353.2 | 342.1 | 271.3 | 160.9 | 82.6 | 40.8 | 21.3 |
| 72,5° | 348.5 | 390.9 | 432.9 | 414.9 | 389.5 | 361.2 | 397.1 | 367.5 | 221.1 | 100.7 | 40.3 | 20.0 | 14.8 |
| 75,0° | 281.9 | 295.0 | 323.9 | 333.1 | 324.9 | 367.7 | 367.8 | 233.4 | 109.1 | 39.6 | 15.4 | 12.6 | 11.4 |
| 77,5° | 143.0 | 161.3 | 198.8 | 233.5 | 244.3 | 250.6 | 175.4 | 81.5 | 27.2 | 12.1 | 10.0 | 8.7 | 7.3 |
| 80,0° | 40.2 | 63.0 | 91.1 | 97.3 | 95.2 | 86.7 | 27.8 | 12.7 | 6.5 | 6.7 | 7.5 | 5.6 | 4.2 |
| 82,5° | 8.8 | 13.8 | 20.6 | 21.5 | 16.3 | 17.5 | 5.0 | 3.3 | 2.6 | 3.3 | 3.9 | 2.7 | 2.0 |
| 85,0° | 1.2 | 1.3 | 1.5 | 1.6 | 1.4 | 1.7 | 1.3 | 1.2 | 1.1 | 0.9 | 1.1 | 0.8 | 0.7 |
| 87,5° | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| 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 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
| 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° | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 |
| 2,5° | 272.1 | 269.9 | 267.0 | 268.1 | 268.5 | 269.0 | 281.4 | 284.1 | 286.0 | 285.0 | 286.1 | 285.9 | 287.0 |
| 5,0° | 269.3 | 272.2 | 271.3 | 271.9 | 270.8 | 271.9 | 283.4 | 282.6 | 282.5 | 285.9 | 285.5 | 283.5 | 281.1 |
| 7,5° | 280.9 | 281.1 | 280.2 | 277.5 | 274.1 | 274.1 | 286.0 | 287.6 | 287.0 | 288.0 | 286.8 | 283.0 | 277.5 |
| 10,0° | 287.1 | 285.1 | 283.0 | 280.7 | 279.3 | 280.8 | 287.8 | 290.8 | 286.8 | 282.7 | 279.5 | 273.9 | 268.3 |
| 12,5° | 285.5 | 284.2 | 286.0 | 288.9 | 286.6 | 281.0 | 295.5 | 295.8 | 296.0 | 286.2 | 277.7 | 269.6 | 261.9 |
| 15,0° | 292.0 | 290.2 | 289.8 | 292.0 | 297.5 | 298.6 | 293.5 | 294.0 | 291.5 | 286.7 | 277.3 | 264.8 | 251.5 |
| 17,5° | 294.8 | 294.5 | 298.3 | 293.0 | 297.4 | 303.5 | 292.3 | 293.3 | 293.9 | 281.3 | 267.6 | 258.9 | 240.9 |
| 20,0° | 299.0 | 299.5 | 304.2 | 296.9 | 296.7 | 296.7 | 294.8 | 297.3 | 288.7 | 278.8 | 264.7 | 247.9 | 234.6 |
| 22,5° | 307.0 | 303.9 | 307.2 | 305.2 | 303.5 | 301.1 | 292.3 | 292.7 | 289.8 | 272.7 | 253.1 | 235.2 | 224.2 |
| 25,0° | 308.5 | 307.0 | 306.5 | 307.6 | 304.1 | 305.3 | 288.3 | 287.7 | 284.5 | 273.6 | 248.9 | 229.8 | 214.2 |
| 27,5° | 309.7 | 310.9 | 309.1 | 310.5 | 312.1 | 314.7 | 284.8 | 292.0 | 284.6 | 269.9 | 246.9 | 218.6 | 204.8 |
| 30,0° | 318.8 | 313.0 | 316.5 | 319.3 | 321.1 | 315.6 | 288.4 | 288.0 | 277.1 | 262.6 | 236.5 | 216.2 | 195.1 |
| 32,5° | 328.3 | 327.3 | 324.1 | 328.0 | 321.7 | 321.1 | 292.1 | 283.3 | 275.4 | 254.8 | 232.4 | 204.0 | 187.3 |
| 35,0° | 333.0 | 330.3 | 327.3 | 330.3 | 321.0 | 320.8 | 293.4 | 280.5 | 274.9 | 250.9 | 222.6 | 198.5 | 180.2 |
| 37,5° | 347.6 | 338.1 | 337.0 | 331.1 | 320.5 | 323.3 | 300.7 | 280.1 | 268.4 | 245.7 | 215.7 | 189.0 | 173.6 |
| 40,0° | 336.7 | 326.6 | 325.9 | 326.6 | 319.5 | 315.5 | 299.6 | 275.7 | 266.2 | 239.6 | 208.1 | 184.4 | 173.4 |
| 42,5° | 338.1 | 330.2 | 318.5 | 318.1 | 304.4 | 302.6 | 299.3 | 268.9 | 256.4 | 234.2 | 201.3 | 180.8 | 167.8 |
| 45,0° | 331.0 | 306.8 | 290.4 | 268.8 | 256.0 | 259.8 | 300.8 | 268.3 | 248.2 | 226.4 | 193.0 | 177.1 | 163.8 |
| 47,5° | 292.1 | 250.6 | 224.1 | 205.0 | 194.0 | 197.9 | 301.3 | 257.8 | 239.6 | 216.0 | 186.1 | 176.6 | 150.4 |
| 50,0° | 230.3 | 192.7 | 175.9 | 164.2 | 151.9 | 149.7 | 291.8 | 255.7 | 228.4 | 209.2 | 179.8 | 170.6 | 134.0 |
| 52,5° | 178.9 | 156.0 | 144.3 | 133.1 | 130.3 | 129.2 | 290.2 | 246.4 | 216.9 | 199.0 | 174.2 | 152.8 | 114.9 |
| 55,0° | 145.4 | 130.5 | 117.0 | 116.4 | 114.2 | 113.5 | 290.0 | 243.5 | 208.9 | 184.8 | 172.7 | 133.8 | 95.4 |
| 57,5° | 121.3 | 117.8 | 115.4 | 113.0 | 105.4 | 105.7 | 290.5 | 241.2 | 201.0 | 179.3 | 161.5 | 119.5 | 77.5 |
| 60,0° | 120.8 | 110.0 | 93.0 | 83.4 | 79.0 | 73.2 | 288.7 | 237.1 | 193.6 | 170.7 | 151.6 | 103.2 | 63.9 |
| 62,5° | 93.2 | 69.2 | 54.5 | 45.9 | 40.4 | 38.1 | 287.6 | 230.5 | 184.8 | 158.7 | 138.3 | 87.8 | 57.4 |
| 65,0° | 54.2 | 33.9 | 28.7 | 26.2 | 24.3 | 23.1 | 285.3 | 219.6 | 173.6 | 147.8 | 120.0 | 76.2 | 53.1 |
| 67,5° | 26.5 | 21.4 | 19.9 | 18.4 | 17.4 | 16.9 | 275.2 | 206.3 | 159.8 | 134.0 | 99.6 | 61.1 | 44.4 |
| 70,0° | 17.3 | 16.2 | 15.1 | 13.9 | 13.6 | 13.6 | 271.2 | 190.7 | 143.4 | 115.8 | 76.3 | 41.8 | 37.8 |
| 72,5° | 13.4 | 12.4 | 11.4 | 10.8 | 10.3 | 10.1 | 262.2 | 181.5 | 124.0 | 94.7 | 40.9 | 29.8 | 31.2 |
| 75,0° | 9.9 | 9.0 | 7.8 | 7.7 | 7.0 | 7.0 | 234.3 | 162.3 | 97.6 | 56.0 | 20.7 | 21.7 | 24.4 |
| 77,5° | 6.2 | 5.7 | 5.2 | 5.0 | 4.7 | 4.7 | 137.1 | 75.6 | 26.2 | 11.1 | 9.8 | 13.4 | 15.8 |
| 80,0° | 3.7 | 3.3 | 3.1 | 3.0 | 2.9 | 2.6 | 42.3 | 12.7 | 5.3 | 5.7 | 5.5 | 8.1 | 8.7 |
| 82,5° | 1.7 | 1.8 | 1.5 | 1.5 | 1.5 | 1.4 | 7.6 | 3.1 | 2.7 | 2.5 | 2.5 | 3.6 | 4.0 |
| 85,0° | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 1.1 | 1.0 |
| 87,5° | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.3 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 |
| 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 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
| 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° | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 281.3 | 0.4 | 0.4 |
| 2,5° | 286.8 | 285.3 | 284.3 | 284.7 | 284.2 | 283.3 | 284.6 | 283.3 | 283.5 | 283.7 | 284.6 | 3.3 | 3.8 |
| 5,0° | 278.6 | 276.1 | 273.1 | 270.4 | 269.6 | 267.2 | 264.9 | 267.7 | 269.2 | 270.0 | 268.4 | 6.5 | 10.3 |
| 7,5° | 270.7 | 265.2 | 261.6 | 259.4 | 254.7 | 252.2 | 249.7 | 249.3 | 251.4 | 252.1 | 251.1 | 9.8 | 20.1 |
| 10,0° | 262.4 | 258.2 | 251.3 | 247.1 | 241.7 | 240.5 | 235.9 | 232.2 | 229.7 | 232.0 | 232.6 | 12.8 | 32.9 |
| 12,5° | 253.0 | 248.1 | 241.3 | 233.4 | 227.8 | 225.9 | 222.1 | 221.1 | 217.0 | 216.2 | 217.6 | 15.9 | 48.8 |
| 15,0° | 243.5 | 238.9 | 227.1 | 220.2 | 215.6 | 207.2 | 202.8 | 202.4 | 199.4 | 197.5 | 199.3 | 18.9 | 67.7 |
| 17,5° | 230.7 | 224.5 | 216.6 | 207.3 | 197.9 | 192.6 | 186.1 | 186.7 | 184.9 | 178.1 | 179.1 | 21.6 | 89.3 |
| 20,0° | 224.7 | 212.9 | 200.9 | 190.3 | 179.3 | 178.3 | 173.5 | 168.8 | 172.8 | 171.2 | 167.7 | 24.4 | 113.7 |
| 22,5° | 214.9 | 197.6 | 181.9 | 175.8 | 167.5 | 170.4 | 169.4 | 167.1 | 165.9 | 164.7 | 164.5 | 27.1 | 140.8 |
| 25,0° | 197.9 | 180.7 | 172.8 | 169.2 | 165.1 | 160.8 | 159.9 | 160.1 | 158.1 | 157.3 | 154.6 | 29.8 | 170.6 |
| 27,5° | 187.3 | 175.1 | 165.8 | 162.0 | 159.3 | 153.5 | 151.8 | 145.8 | 145.0 | 142.8 | 140.4 | 32.4 | 203.0 |
| 30,0° | 177.2 | 171.0 | 166.6 | 158.9 | 151.2 | 143.8 | 132.7 | 128.8 | 124.3 | 120.6 | 117.3 | 35.0 | 238.0 |
| 32,5° | 172.7 | 165.1 | 158.2 | 150.4 | 138.9 | 130.3 | 117.7 | 112.6 | 105.8 | 101.8 | 100.1 | 37.5 | 275.5 |
| 35,0° | 173.7 | 161.0 | 152.4 | 138.3 | 123.5 | 111.2 | 100.8 | 90.8 | 89.5 | 87.5 | 84.7 | 39.9 | 315.4 |
| 37,5° | 166.8 | 154.7 | 137.1 | 122.9 | 105.2 | 92.7 | 86.3 | 81.1 | 76.6 | 73.0 | 69.0 | 42.2 | 357.6 |
| 40,0° | 159.6 | 145.5 | 123.8 | 107.7 | 92.7 | 82.7 | 77.8 | 70.9 | 66.2 | 62.7 | 61.7 | 44.1 | 401.8 |
| 42,5° | 150.3 | 129.1 | 106.2 | 93.0 | 85.0 | 75.6 | 70.1 | 65.3 | 59.6 | 54.9 | 52.8 | 46.0 | 447.8 |
| 45,0° | 137.4 | 114.1 | 93.1 | 85.0 | 75.9 | 66.1 | 59.6 | 54.8 | 50.9 | 50.0 | 47.9 | 47.0 | 494.8 |
| 47,5° | 124.3 | 96.6 | 84.4 | 75.5 | 64.4 | 54.9 | 48.4 | 46.6 | 45.4 | 44.6 | 44.2 | 46.6 | 541.4 |
| 50,0° | 105.0 | 86.9 | 74.5 | 66.3 | 55.3 | 47.4 | 42.9 | 41.6 | 41.5 | 39.7 | 39.3 | 46.0 | 587.4 |
| 52,5° | 89.2 | 76.5 | 63.7 | 53.4 | 45.8 | 41.0 | 37.8 | 37.7 | 35.4 | 34.8 | 35.4 | 45.4 | 632.9 |
| 55,0° | 75.3 | 68.1 | 53.2 | 44.9 | 38.3 | 35.9 | 34.0 | 34.1 | 32.0 | 31.4 | 29.8 | 44.7 | 677.6 |
| 57,5° | 64.5 | 56.8 | 45.7 | 39.7 | 34.2 | 32.8 | 30.9 | 30.2 | 29.1 | 28.8 | 27.4 | 44.0 | 721.6 |
| 60,0° | 59.0 | 50.3 | 41.2 | 33.9 | 28.9 | 28.5 | 27.6 | 26.2 | 25.5 | 24.9 | 25.3 | 43.4 | 765.0 |
| 62,5° | 53.6 | 44.6 | 34.6 | 28.4 | 25.6 | 23.6 | 22.6 | 20.3 | 19.8 | 18.9 | 18.3 | 42.0 | 807.0 |
| 65,0° | 47.4 | 37.5 | 28.0 | 23.1 | 19.9 | 17.9 | 17.8 | 16.5 | 16.2 | 16.0 | 16.2 | 40.3 | 847.3 |
| 67,5° | 39.3 | 28.4 | 21.3 | 17.9 | 16.3 | 15.1 | 14.9 | 14.3 | 14.0 | 13.4 | 12.8 | 38.3 | 885.6 |
| 70,0° | 31.7 | 19.8 | 16.1 | 15.1 | 13.5 | 11.7 | 11.5 | 11.5 | 11.1 | 11.0 | 10.7 | 35.8 | 921.3 |
| 72,5° | 24.4 | 15.2 | 12.7 | 11.7 | 10.5 | 9.3 | 8.6 | 8.1 | 7.7 | 7.5 | 7.3 | 32.3 | 953.6 |
| 75,0° | 17.7 | 11.9 | 10.0 | 8.9 | 7.9 | 6.4 | 5.3 | 5.0 | 5.2 | 5.0 | 4.8 | 25.5 | 979.1 |
| 77,5° | 11.6 | 7.9 | 6.4 | 5.8 | 4.8 | 3.7 | 3.2 | 3.1 | 2.9 | 2.5 | 2.7 | 14.3 | 993.4 |
| 80,0° | 6.9 | 4.8 | 3.4 | 2.9 | 2.3 | 1.7 | 1.3 | 1.2 | 0.9 | 1.0 | 1.1 | 5.1 | 998.5 |
| 82,5° | 3.1 | 2.0 | 1.3 | 1.1 | 0.9 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 1.3 | 999.7 |
| 85,0° | 0.8 | 0.7 | 0.4 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 999.9 |
| 87,5° | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1000.0 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

Photometric test report

| | | |
|--|--|--|
| Family Streetlight 21 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
| 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 | 11290 | 87.3 | 90.3 | 88.8 |
| 95 | 239 | 252 | 10740 | 82.1 | 84.9 | 83.5 |
| 90 | 224 | 249 | 10176 | 76.9 | 79.4 | 78.2 |
| 85 | 209 | 247 | 9599 | 71.7 | 74.1 | 72.9 |
| 80 | 195 | 244 | 9041 | 66.8 | 69.1 | 67.9 |
| 75 | 181 | 242 | 8470 | 62.1 | 64.1 | 63.1 |
| 70 | 167 | 239 | 7893 | 57.3 | 59.2 | 58.2 |
| 65 | 154 | 236 | 7348 | 53.0 | 54.7 | 53.8 |
| 60 | 141 | 232 | 6791 | 48.6 | 50.2 | 49.4 |
| 55 | 128 | 229 | 6226 | 44.3 | 45.7 | 45.0 |
| 50 | 115 | 225 | 5646 | 40.0 | 41.3 | 40.6 |
| 45 | 103 | 221 | 5101 | 36.1 | 37.2 | 36.7 |
| 40 | 90 | 216 | 4500 | 31.8 | 32.7 | 32.2 |
| 35 | 78 | 211 | 3937 | 27.9 | 28.7 | 28.3 |
| 30 | 66 | 205 | 3364 | 24.0 | 24.7 | 24.4 |
| 25 | 55 | 198 | 2832 | 20.4 | 21.0 | 20.7 |
| 20 | 43 | 189 | 2244 | 16.5 | 17.0 | 16.8 |
| 15 | 32 | 178 | 1697 | 13.0 | 13.3 | 13.2 |
| 15 | 31 | 177 | 1647 | 12.7 | 13.0 | 12.8 |

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 | 11670 | 88.3 | 91.4 | 89.8 |
| 95 | 239 | 252 | 11083 | 83.1 | 85.9 | 84.5 |
| 90 | 224 | 249 | 10485 | 77.8 | 80.4 | 79.1 |
| 85 | 210 | 247 | 9915 | 72.9 | 75.4 | 74.2 |
| 80 | 196 | 245 | 9330 | 68.1 | 70.3 | 69.2 |
| 75 | 182 | 242 | 8734 | 63.3 | 65.3 | 64.3 |
| 70 | 169 | 239 | 8175 | 58.8 | 60.7 | 59.8 |
| 65 | 155 | 236 | 7563 | 54.1 | 55.8 | 55.0 |
| 60 | 142 | 233 | 6985 | 49.7 | 51.2 | 50.4 |
| 55 | 129 | 229 | 6401 | 45.2 | 46.7 | 46.0 |
| 50 | 117 | 226 | 5848 | 41.3 | 42.5 | 41.9 |
| 45 | 104 | 221 | 5242 | 37.0 | 38.1 | 37.6 |
| 40 | 92 | 217 | 4674 | 32.9 | 33.9 | 33.4 |
| 35 | 80 | 212 | 4099 | 28.9 | 29.8 | 29.4 |
| 30 | 68 | 206 | 3514 | 25.0 | 25.8 | 25.4 |
| 25 | 56 | 199 | 2923 | 21.0 | 21.6 | 21.3 |
| 20 | 44 | 190 | 2325 | 17.1 | 17.6 | 17.4 |
| 15 | 33 | 179 | 1770 | 13.5 | 13.9 | 13.7 |
| 14 | 31 | 177 | 1669 | 12.9 | 13.2 | 13.0 |

Photometric test report

| | | |
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| Family Streetlight 21 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
|--|--|------------------------------|

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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 | 11490 | 87.8 | 90.8 | 89.3 |
| 95 | 239 | 252 | 10921 | 82.6 | 85.3 | 83.9 |
| 90 | 224 | 249 | 10339 | 77.3 | 79.9 | 78.6 |
| 85 | 210 | 247 | 9783 | 72.5 | 74.9 | 73.7 |
| 80 | 195 | 244 | 9171 | 67.3 | 69.6 | 68.4 |
| 75 | 182 | 242 | 8629 | 62.9 | 64.9 | 63.9 |
| 70 | 168 | 239 | 8039 | 58.1 | 60.0 | 59.0 |
| 65 | 155 | 236 | 7482 | 53.7 | 55.4 | 54.6 |
| 60 | 142 | 233 | 6914 | 49.3 | 50.8 | 50.0 |
| 55 | 129 | 229 | 6340 | 44.9 | 46.4 | 45.6 |
| 50 | 116 | 225 | 5750 | 40.6 | 41.9 | 41.2 |
| 45 | 103 | 221 | 5151 | 36.3 | 37.5 | 36.9 |
| 40 | 91 | 216 | 4589 | 32.3 | 33.4 | 32.8 |
| 35 | 79 | 211 | 4020 | 28.4 | 29.2 | 28.8 |
| 30 | 67 | 205 | 3441 | 24.5 | 25.2 | 24.8 |
| 25 | 55 | 198 | 2855 | 20.5 | 21.1 | 20.8 |
| 20 | 44 | 190 | 2311 | 16.9 | 17.4 | 17.2 |
| 15 | 32 | 178 | 1709 | 13.1 | 13.4 | 13.2 |
| 14 | 31 | 177 | 1659 | 12.8 | 13.1 | 13.0 |

Photometric test report

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| Family Streetlight 21 mini LED | Order number: 5XE2M33S08JB EAN: 4058352682234 | LP number 59158_61 |
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Luminousfluxs table **siteco**

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 11290.0 | 87.3 |
| 5.0 | 11670.0 | 88.3 |
| 15.0 | 11490.0 | 87.8 |