
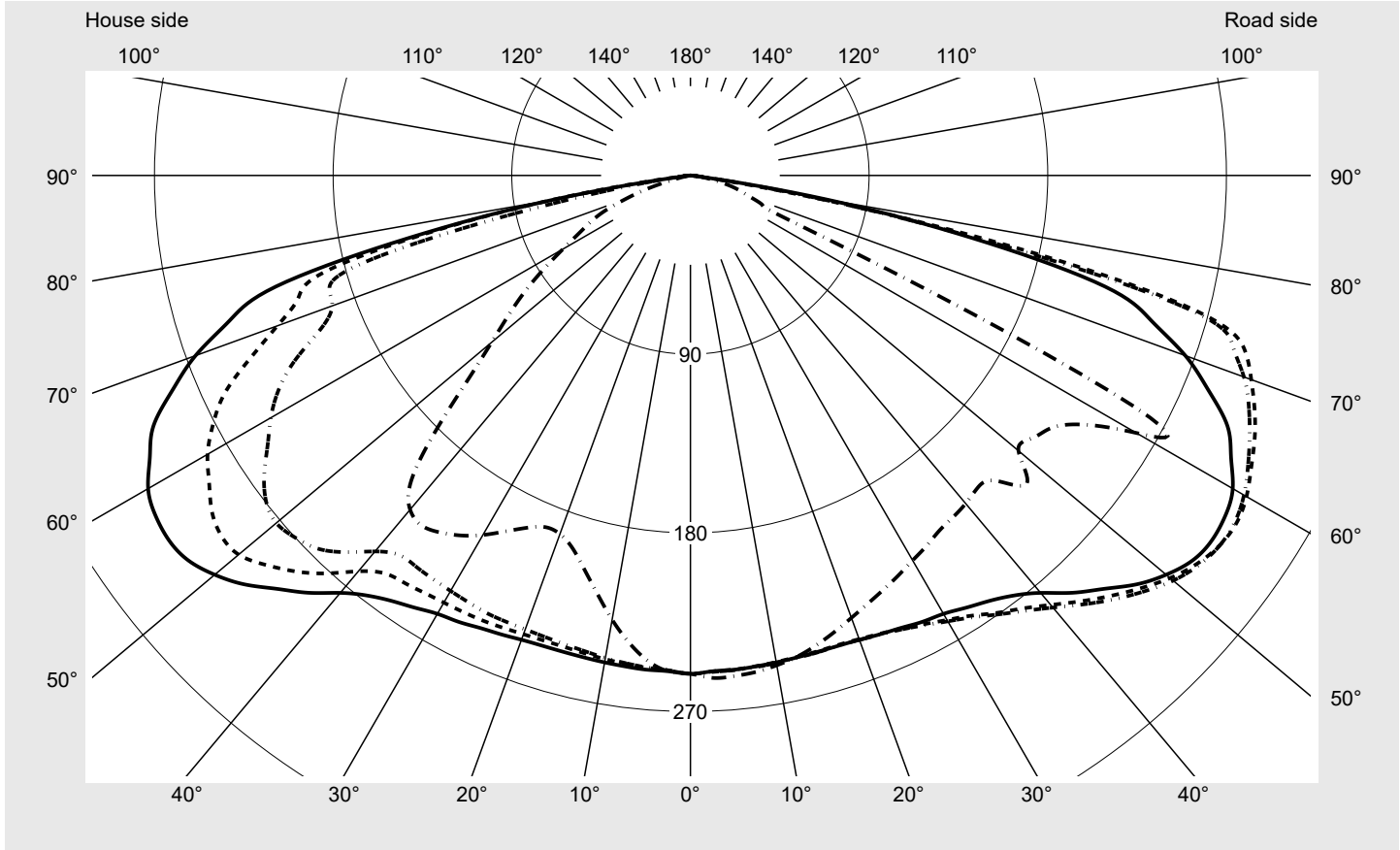


Photometric test report

| | | |
|---|--|--|
| Family Streetlight 21 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
| | Version post-top or side-entry mounting, Smart Interface up Optic asymmetric, extremely wide distribution (P0.5a) Cover toughened safety glass Lamps LED 3000 K CRI ≥ 70 Controlgear EVG SITECO iQ - Smart Interface Rated values Net luminous flux = 9580 lm Power consumption = 71.0 W Luminous efficacy = 134.9 lm/W | serial documentation 18.01.2024 |



Luminous intensity in cd/klm C180-0 C190-10 C195-15 C270-90 **Imax: 326 cd/klm**



| Luminaire output ratios | |
|-------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

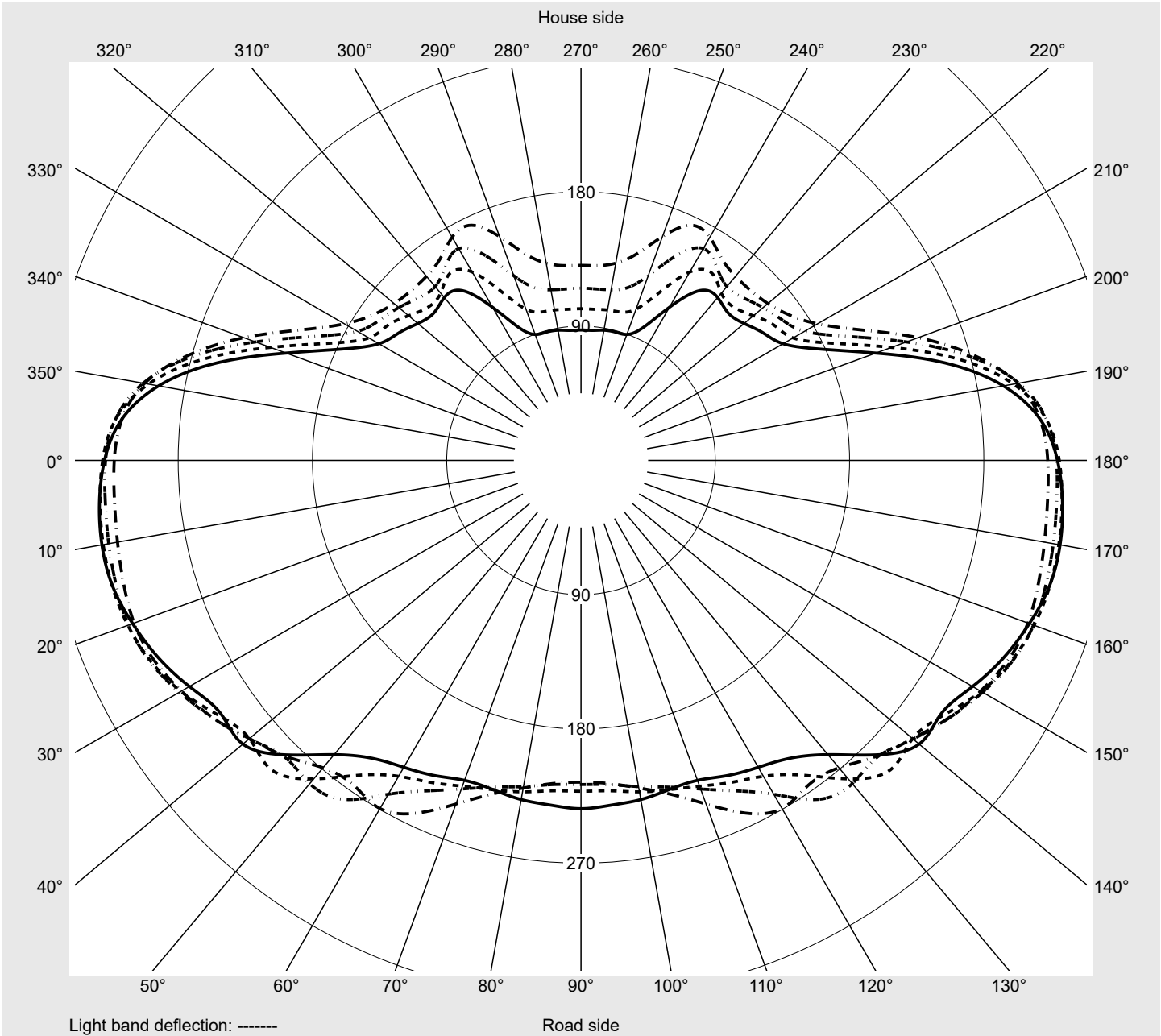
| Luminous intensity class acc. to EN13201-2 | |
|--|-------|
| Class: | G6 |
| Imax 70° | 300.7 |
| Imax 80° | 79.4 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|--|--|------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
|--|--|------------------------------|

Envelope curve in cd/klm **KMK 57.5°** **KMK 55°** **KMK 52.5°** **KMK 50°** **siteco**



Photometric test report

| | | |
|---|--|-------------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
| 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° | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 |
| 2,5° | 250.0 | 250.0 | 250.1 | 250.3 | 250.7 | 251.0 | 251.0 | 251.2 | 251.5 | 251.6 | 251.7 | 252.0 | 252.3 |
| 5,0° | 249.9 | 249.8 | 249.8 | 250.2 | 250.6 | 250.8 | 251.0 | 251.2 | 251.6 | 251.6 | 251.8 | 252.1 | 252.3 |
| 7,5° | 249.5 | 249.5 | 249.4 | 249.8 | 250.3 | 250.6 | 250.8 | 250.9 | 251.2 | 251.3 | 251.4 | 251.6 | 251.7 |
| 10,0° | 249.0 | 248.9 | 248.9 | 249.3 | 249.7 | 250.0 | 250.2 | 250.3 | 250.5 | 250.6 | 250.7 | 250.7 | 250.6 |
| 12,5° | 248.6 | 248.5 | 248.3 | 248.8 | 249.3 | 249.5 | 249.6 | 249.6 | 249.6 | 249.6 | 249.6 | 249.6 | 249.4 |
| 15,0° | 248.3 | 248.3 | 248.1 | 248.6 | 249.0 | 249.0 | 249.0 | 248.9 | 248.7 | 248.7 | 248.5 | 248.2 | 247.7 |
| 17,5° | 248.3 | 248.2 | 247.9 | 248.3 | 248.7 | 248.8 | 248.8 | 248.6 | 248.1 | 247.7 | 247.3 | 246.6 | 245.9 |
| 20,0° | 248.9 | 249.0 | 248.5 | 249.0 | 249.2 | 249.1 | 249.0 | 248.5 | 247.8 | 247.2 | 246.4 | 245.4 | 244.2 |
| 22,5° | 250.1 | 250.1 | 249.8 | 250.3 | 250.5 | 250.3 | 249.9 | 249.1 | 248.0 | 246.9 | 245.8 | 244.0 | 242.5 |
| 25,0° | 251.4 | 251.8 | 251.8 | 252.3 | 252.4 | 252.0 | 251.1 | 249.9 | 248.3 | 246.5 | 244.7 | 242.8 | 240.9 |
| 27,5° | 253.4 | 254.0 | 254.8 | 255.4 | 255.5 | 255.0 | 253.7 | 252.1 | 249.6 | 247.0 | 244.5 | 242.2 | 239.4 |
| 30,0° | 255.0 | 256.9 | 258.5 | 259.3 | 259.3 | 258.5 | 257.2 | 254.9 | 251.6 | 248.3 | 245.1 | 241.9 | 238.5 |
| 32,5° | 258.2 | 260.9 | 263.0 | 263.9 | 264.2 | 263.3 | 261.6 | 258.6 | 254.5 | 250.7 | 246.4 | 242.2 | 238.0 |
| 35,0° | 261.7 | 266.1 | 269.0 | 269.9 | 270.0 | 269.4 | 267.1 | 263.1 | 258.6 | 254.1 | 248.8 | 243.6 | 238.9 |
| 37,5° | 266.8 | 271.5 | 274.9 | 276.5 | 276.5 | 275.8 | 273.3 | 268.9 | 263.8 | 258.0 | 251.8 | 246.1 | 240.6 |
| 40,0° | 274.5 | 279.0 | 282.4 | 284.1 | 284.4 | 283.4 | 280.9 | 275.8 | 270.4 | 263.3 | 256.0 | 249.1 | 242.3 |
| 42,5° | 285.1 | 287.7 | 290.9 | 293.0 | 293.3 | 292.0 | 288.8 | 283.0 | 276.7 | 268.6 | 260.2 | 252.3 | 244.4 |
| 45,0° | 294.5 | 296.9 | 299.4 | 301.9 | 302.8 | 301.6 | 297.2 | 290.6 | 283.0 | 273.7 | 264.6 | 255.2 | 246.2 |
| 47,5° | 304.8 | 305.7 | 307.7 | 310.1 | 311.4 | 309.8 | 304.3 | 297.0 | 287.8 | 277.8 | 267.8 | 257.0 | 248.7 |
| 50,0° | 312.8 | 313.9 | 315.5 | 317.5 | 318.8 | 316.1 | 309.3 | 300.9 | 290.1 | 280.4 | 269.0 | 265.7 | 269.5 |
| 52,5° | 318.7 | 320.1 | 321.5 | 322.6 | 322.8 | 318.8 | 310.8 | 301.1 | 290.5 | 281.1 | 282.9 | 277.4 | 258.4 |
| 55,0° | 320.6 | 323.6 | 325.2 | 325.3 | 323.2 | 318.2 | 309.6 | 297.3 | 290.1 | 293.3 | 278.7 | 257.5 | 244.5 |
| 57,5° | 319.4 | 324.0 | 326.1 | 325.1 | 319.8 | 312.7 | 303.1 | 295.2 | 295.9 | 279.2 | 257.5 | 243.8 | 237.5 |
| 60,0° | 315.5 | 321.1 | 323.5 | 322.0 | 313.2 | 302.4 | 294.6 | 297.8 | 286.2 | 257.4 | 242.9 | 234.2 | 227.4 |
| 62,5° | 307.0 | 315.3 | 318.5 | 316.7 | 303.4 | 288.4 | 283.0 | 286.1 | 266.8 | 239.5 | 228.9 | 220.3 | 213.3 |
| 65,0° | 298.5 | 308.0 | 313.6 | 310.8 | 293.9 | 274.5 | 258.2 | 254.1 | 246.7 | 219.3 | 210.7 | 200.1 | 196.9 |
| 67,5° | 282.4 | 297.5 | 307.6 | 304.5 | 284.9 | 260.4 | 237.6 | 233.8 | 224.5 | 196.1 | 181.4 | 175.2 | 177.5 |
| 70,0° | 265.3 | 283.6 | 300.7 | 296.7 | 273.8 | 244.0 | 215.8 | 202.6 | 190.5 | 173.9 | 157.0 | 152.6 | 154.2 |
| 72,5° | 243.6 | 269.1 | 292.8 | 286.6 | 258.3 | 222.1 | 190.7 | 169.6 | 160.0 | 149.0 | 134.1 | 128.7 | 126.5 |
| 75,0° | 216.2 | 240.5 | 264.2 | 259.5 | 228.1 | 191.8 | 159.7 | 140.2 | 129.3 | 121.7 | 108.1 | 103.8 | 102.5 |
| 77,5° | 145.0 | 162.5 | 166.8 | 154.2 | 137.4 | 126.2 | 120.6 | 109.9 | 99.3 | 92.4 | 79.4 | 77.3 | 75.9 |
| 80,0° | 69.5 | 56.9 | 56.8 | 60.7 | 61.0 | 60.2 | 65.4 | 60.8 | 54.6 | 59.0 | 55.1 | 55.2 | 45.6 |
| 82,5° | 6.3 | 5.3 | 5.3 | 7.2 | 14.9 | 17.9 | 23.4 | 25.2 | 24.8 | 26.7 | 24.9 | 30.5 | 22.9 |
| 85,0° | 2.5 | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 | 2.1 | 2.2 | 3.8 | 5.7 | 6.8 | 8.1 | 5.9 |
| 87,5° | 1.4 | 1.4 | 1.4 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 90,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

| | | |
|---|--|-------------------------------------|
| Family Streetlight 21 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
| 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° | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 |
| 2,5° | 252.3 | 252.3 | 252.7 | 252.9 | 253.1 | 253.3 | 250.0 | 249.6 | 249.6 | 249.8 | 249.7 | 249.6 | 249.6 |
| 5,0° | 252.3 | 252.4 | 252.6 | 252.9 | 253.0 | 253.1 | 249.5 | 249.0 | 248.8 | 248.8 | 248.3 | 248.1 | 247.8 |
| 7,5° | 251.6 | 251.6 | 251.7 | 252.1 | 252.3 | 252.3 | 249.0 | 248.2 | 247.8 | 247.4 | 246.7 | 245.9 | 245.0 |
| 10,0° | 250.3 | 250.2 | 250.3 | 250.4 | 250.5 | 250.5 | 248.3 | 247.4 | 246.8 | 245.8 | 244.4 | 242.9 | 241.2 |
| 12,5° | 248.9 | 248.6 | 248.4 | 248.3 | 248.3 | 248.3 | 247.6 | 246.5 | 245.5 | 244.0 | 241.7 | 239.3 | 236.5 |
| 15,0° | 247.0 | 246.2 | 245.8 | 245.4 | 245.2 | 244.9 | 247.3 | 245.8 | 244.5 | 242.2 | 239.2 | 235.6 | 231.8 |
| 17,5° | 244.7 | 243.5 | 242.5 | 241.7 | 241.2 | 241.1 | 247.2 | 245.6 | 243.7 | 240.6 | 236.5 | 232.0 | 226.9 |
| 20,0° | 242.7 | 241.0 | 239.5 | 238.3 | 237.5 | 237.1 | 247.7 | 245.9 | 243.3 | 239.2 | 234.0 | 228.1 | 221.9 |
| 22,5° | 240.8 | 238.9 | 236.9 | 234.9 | 234.1 | 233.5 | 248.7 | 246.6 | 243.2 | 237.9 | 231.2 | 224.1 | 216.7 |
| 25,0° | 239.0 | 236.8 | 234.2 | 231.8 | 230.7 | 230.1 | 250.0 | 247.4 | 243.1 | 236.4 | 228.5 | 220.4 | 212.1 |
| 27,5° | 236.8 | 234.2 | 231.6 | 229.1 | 227.5 | 227.0 | 251.3 | 247.9 | 242.3 | 234.8 | 225.8 | 216.6 | 207.6 |
| 30,0° | 235.1 | 231.9 | 229.1 | 226.5 | 224.6 | 223.9 | 252.4 | 248.4 | 241.6 | 232.7 | 222.7 | 212.6 | 203.0 |
| 32,5° | 234.4 | 230.8 | 227.1 | 224.2 | 221.9 | 221.3 | 254.5 | 249.3 | 241.1 | 230.7 | 219.4 | 208.0 | 197.7 |
| 35,0° | 234.7 | 230.0 | 225.7 | 222.3 | 219.4 | 218.5 | 257.2 | 250.7 | 240.7 | 228.3 | 215.2 | 202.1 | 191.5 |
| 37,5° | 235.1 | 229.6 | 224.5 | 220.5 | 217.8 | 217.1 | 260.8 | 252.7 | 240.9 | 226.3 | 210.7 | 196.0 | 185.4 |
| 40,0° | 235.7 | 229.1 | 223.6 | 219.4 | 216.7 | 215.7 | 268.8 | 260.3 | 247.2 | 229.4 | 209.2 | 191.2 | 180.0 |
| 42,5° | 237.0 | 229.2 | 222.7 | 218.0 | 214.7 | 213.8 | 279.8 | 271.8 | 257.3 | 236.8 | 212.4 | 190.4 | 176.4 |
| 45,0° | 238.2 | 230.1 | 224.1 | 220.4 | 218.0 | 217.4 | 290.5 | 281.9 | 265.7 | 242.9 | 216.1 | 191.3 | 174.9 |
| 47,5° | 246.9 | 247.6 | 243.5 | 237.5 | 231.8 | 229.8 | 300.6 | 290.3 | 270.0 | 243.5 | 214.7 | 189.5 | 173.3 |
| 50,0° | 260.9 | 245.1 | 231.6 | 223.0 | 217.4 | 215.7 | 309.1 | 297.1 | 272.4 | 240.5 | 207.0 | 183.1 | 170.2 |
| 52,5° | 244.4 | 234.4 | 226.8 | 222.1 | 218.1 | 217.3 | 313.3 | 298.0 | 269.5 | 232.2 | 196.7 | 173.0 | 164.4 |
| 55,0° | 238.2 | 232.4 | 228.5 | 225.6 | 222.3 | 221.8 | 313.2 | 294.4 | 262.1 | 221.4 | 185.8 | 164.2 | 158.0 |
| 57,5° | 233.0 | 228.2 | 228.4 | 230.8 | 232.0 | 233.5 | 309.4 | 287.5 | 252.5 | 210.3 | 176.6 | 156.4 | 149.0 |
| 60,0° | 223.2 | 221.3 | 227.4 | 239.2 | 253.0 | 259.4 | 304.3 | 280.9 | 244.1 | 201.6 | 167.7 | 146.0 | 137.4 |
| 62,5° | 206.8 | 211.0 | 228.8 | 255.9 | 259.3 | 251.4 | 295.4 | 271.1 | 233.9 | 189.1 | 153.8 | 128.8 | 122.0 |
| 65,0° | 191.1 | 200.2 | 214.8 | 159.1 | 99.5 | 81.1 | 284.6 | 258.6 | 219.5 | 173.2 | 136.8 | 113.8 | 106.5 |
| 67,5° | 173.1 | 177.0 | 104.3 | 45.0 | 40.1 | 39.3 | 268.1 | 239.7 | 201.3 | 160.9 | 126.0 | 98.9 | 86.9 |
| 70,0° | 153.9 | 102.1 | 38.9 | 34.7 | 33.3 | 32.7 | 246.7 | 221.4 | 192.0 | 159.1 | 115.1 | 78.0 | 67.2 |
| 72,5° | 111.9 | 41.5 | 29.4 | 28.3 | 27.3 | 27.0 | 224.7 | 207.4 | 190.7 | 144.1 | 81.8 | 52.9 | 48.5 |
| 75,0° | 61.2 | 23.5 | 22.1 | 21.8 | 21.5 | 21.6 | 197.8 | 193.8 | 171.7 | 100.8 | 45.9 | 35.1 | 33.8 |
| 77,5° | 29.7 | 16.3 | 15.8 | 15.8 | 15.3 | 15.1 | 138.8 | 139.4 | 99.3 | 39.4 | 22.0 | 21.2 | 22.0 |
| 80,0° | 13.6 | 10.4 | 10.2 | 9.9 | 9.6 | 9.4 | 79.4 | 70.3 | 36.0 | 12.7 | 11.5 | 11.9 | 12.6 |
| 82,5° | 6.5 | 5.7 | 5.7 | 5.6 | 5.2 | 5.2 | 10.5 | 13.4 | 8.3 | 5.6 | 5.6 | 5.7 | 6.0 |
| 85,0° | 2.4 | 2.3 | 2.3 | 2.2 | 2.1 | 2.1 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 |
| 87,5° | 0.9 | 0.9 | 0.9 | 0.8 | 0.9 | 0.9 | 1.4 | 1.4 | 1.5 | 1.4 | 1.3 | 1.3 | 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 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
| 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° | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 251.0 | 0.4 | 0.4 |
| 2,5° | 249.5 | 249.6 | 249.6 | 249.4 | 249.5 | 249.6 | 249.9 | 249.8 | 249.8 | 249.8 | 250.0 | 3.0 | 3.4 |
| 5,0° | 247.3 | 247.0 | 246.7 | 246.3 | 246.1 | 245.9 | 245.8 | 245.6 | 245.4 | 245.5 | 245.5 | 6.0 | 9.3 |
| 7,5° | 243.8 | 242.8 | 241.6 | 240.6 | 239.8 | 239.1 | 238.5 | 237.9 | 237.5 | 237.3 | 237.3 | 8.8 | 18.2 |
| 10,0° | 239.2 | 237.1 | 235.1 | 233.3 | 231.6 | 230.3 | 229.2 | 228.1 | 227.5 | 227.3 | 227.2 | 11.6 | 29.8 |
| 12,5° | 233.5 | 230.3 | 227.4 | 224.7 | 222.2 | 220.1 | 218.5 | 217.4 | 216.5 | 216.1 | 216.0 | 14.2 | 44.0 |
| 15,0° | 227.8 | 223.5 | 219.5 | 216.0 | 213.0 | 210.5 | 208.6 | 207.2 | 206.3 | 205.9 | 205.8 | 16.8 | 60.8 |
| 17,5° | 221.8 | 216.7 | 211.9 | 207.7 | 204.2 | 201.5 | 199.5 | 198.2 | 197.5 | 197.2 | 197.1 | 19.2 | 80.0 |
| 20,0° | 215.8 | 210.0 | 205.0 | 200.6 | 197.2 | 194.7 | 193.1 | 192.4 | 192.1 | 192.1 | 192.2 | 21.6 | 101.6 |
| 22,5° | 210.0 | 204.1 | 199.0 | 194.9 | 192.2 | 190.6 | 190.1 | 190.3 | 190.7 | 191.4 | 191.7 | 24.0 | 125.5 |
| 25,0° | 204.8 | 198.6 | 194.1 | 191.3 | 190.1 | 190.3 | 191.3 | 192.8 | 194.3 | 195.5 | 195.9 | 26.4 | 151.9 |
| 27,5° | 199.8 | 194.0 | 190.6 | 189.8 | 190.5 | 192.5 | 195.2 | 197.9 | 200.0 | 201.7 | 202.1 | 28.9 | 180.8 |
| 30,0° | 195.2 | 190.2 | 188.5 | 189.8 | 192.7 | 196.4 | 200.1 | 203.5 | 206.3 | 208.3 | 209.1 | 31.3 | 212.2 |
| 32,5° | 190.1 | 186.9 | 187.5 | 190.9 | 195.4 | 199.9 | 204.5 | 208.4 | 211.9 | 214.2 | 215.0 | 33.8 | 246.0 |
| 35,0° | 185.4 | 184.1 | 186.9 | 191.8 | 197.2 | 202.0 | 207.3 | 211.8 | 215.6 | 218.4 | 219.5 | 36.3 | 282.3 |
| 37,5° | 180.7 | 181.6 | 185.8 | 191.4 | 196.6 | 201.5 | 207.1 | 212.4 | 217.4 | 221.0 | 222.3 | 38.8 | 321.1 |
| 40,0° | 176.7 | 178.7 | 183.2 | 188.2 | 193.3 | 198.3 | 204.5 | 211.1 | 216.0 | 218.7 | 219.7 | 41.2 | 362.3 |
| 42,5° | 172.5 | 174.4 | 178.4 | 183.2 | 188.3 | 194.4 | 202.4 | 209.1 | 210.7 | 209.0 | 208.0 | 43.7 | 406.0 |
| 45,0° | 168.5 | 169.0 | 172.8 | 177.7 | 183.6 | 192.3 | 199.7 | 198.2 | 190.3 | 183.1 | 180.9 | 46.0 | 452.0 |
| 47,5° | 165.7 | 164.8 | 167.4 | 172.3 | 179.5 | 187.1 | 185.5 | 173.5 | 160.7 | 153.4 | 151.6 | 48.2 | 500.1 |
| 50,0° | 163.6 | 160.9 | 161.1 | 164.8 | 172.7 | 173.9 | 159.6 | 143.1 | 134.2 | 131.1 | 130.7 | 49.4 | 549.6 |
| 52,5° | 159.4 | 154.0 | 152.1 | 158.4 | 164.0 | 151.5 | 131.7 | 119.8 | 116.1 | 115.3 | 115.4 | 50.2 | 599.8 |
| 55,0° | 150.8 | 145.1 | 146.3 | 153.1 | 145.8 | 124.0 | 107.8 | 103.0 | 102.4 | 101.7 | 101.7 | 50.5 | 650.3 |
| 57,5° | 142.8 | 139.6 | 142.5 | 139.0 | 118.5 | 98.1 | 89.8 | 89.0 | 88.6 | 87.5 | 87.4 | 50.3 | 700.6 |
| 60,0° | 133.7 | 133.9 | 130.8 | 113.2 | 90.4 | 79.0 | 76.1 | 75.9 | 75.7 | 74.4 | 74.2 | 49.7 | 750.2 |
| 62,5° | 121.6 | 118.6 | 103.6 | 83.7 | 70.2 | 66.2 | 64.9 | 64.9 | 65.1 | 63.8 | 63.5 | 48.1 | 798.4 |
| 65,0° | 104.0 | 95.2 | 77.1 | 64.1 | 59.9 | 58.1 | 56.9 | 56.9 | 57.6 | 55.8 | 55.5 | 43.5 | 841.8 |
| 67,5° | 82.3 | 70.1 | 58.1 | 53.2 | 52.4 | 50.9 | 49.3 | 49.4 | 50.1 | 47.9 | 46.8 | 38.6 | 880.4 |
| 70,0° | 61.0 | 51.7 | 46.0 | 45.5 | 45.4 | 43.4 | 40.4 | 39.0 | 38.7 | 35.7 | 35.0 | 34.6 | 915.0 |
| 72,5° | 43.8 | 39.1 | 37.3 | 37.4 | 36.9 | 33.9 | 30.2 | 28.6 | 27.5 | 24.9 | 24.2 | 30.4 | 945.4 |
| 75,0° | 32.1 | 30.1 | 29.5 | 29.0 | 27.9 | 24.8 | 21.3 | 19.4 | 16.5 | 13.2 | 12.4 | 25.4 | 970.8 |
| 77,5° | 22.1 | 21.5 | 20.5 | 20.2 | 18.7 | 15.1 | 11.1 | 9.0 | 7.4 | 5.4 | 5.2 | 17.0 | 987.8 |
| 80,0° | 12.1 | 11.9 | 10.1 | 9.0 | 8.4 | 7.2 | 5.8 | 4.6 | 3.8 | 2.1 | 1.9 | 8.5 | 996.3 |
| 82,5° | 5.8 | 5.3 | 4.7 | 4.5 | 4.4 | 3.7 | 3.0 | 2.4 | 1.7 | 1.2 | 1.0 | 2.7 | 999.0 |
| 85,0° | 2.1 | 2.1 | 1.9 | 1.8 | 1.7 | 1.5 | 1.3 | 1.1 | 0.9 | 0.8 | 0.7 | 0.7 | 999.7 |
| 87,5° | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 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 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
|--|--|------------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| 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 | 9580 | 71.0 | 75.2 | 73.1 |
| 95 | 241 | 252 | 9090 | 66.0 | 69.9 | 68.0 |
| 90 | 229 | 250 | 8637 | 61.7 | 65.3 | 63.5 |
| 85 | 216 | 248 | 8147 | 57.1 | 60.4 | 58.8 |
| 80 | 203 | 246 | 7656 | 52.8 | 55.8 | 54.3 |
| 75 | 190 | 243 | 7166 | 48.6 | 51.4 | 50.0 |
| 70 | 178 | 241 | 6714 | 44.8 | 47.4 | 46.1 |
| 65 | 165 | 238 | 6223 | 41.0 | 43.3 | 42.2 |
| 60 | 152 | 235 | 5733 | 37.3 | 39.3 | 38.3 |
| 55 | 140 | 232 | 5280 | 33.9 | 35.8 | 34.8 |
| 50 | 127 | 229 | 4790 | 30.4 | 32.0 | 31.2 |
| 45 | 114 | 225 | 4300 | 27.1 | 28.5 | 27.8 |
| 40 | 102 | 221 | 3847 | 24.1 | 25.4 | 24.8 |
| 35 | 89 | 216 | 3357 | 20.9 | 22.0 | 21.4 |
| 30 | 76 | 210 | 2866 | 18.0 | 18.9 | 18.4 |
| 25 | 63 | 203 | 2376 | 15.1 | 15.8 | 15.4 |
| 20 | 51 | 195 | 1924 | 12.5 | 13.1 | 12.8 |
| 15 | 38 | 184 | 1433 | 9.6 | 10.1 | 9.8 |
| 11 | 28 | 173 | 1056 | 7.4 | 7.7 | 7.6 |

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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 | 9580 | 69.1 | 72.1 | 70.6 |
| 95 | 241 | 252 | 9089 | 64.5 | 67.3 | 65.9 |
| 90 | 229 | 250 | 8637 | 60.4 | 63.0 | 61.7 |
| 85 | 216 | 248 | 8147 | 56.1 | 58.5 | 57.3 |
| 80 | 203 | 246 | 7656 | 51.9 | 54.1 | 53.0 |
| 75 | 191 | 244 | 7204 | 48.3 | 50.3 | 49.3 |
| 70 | 178 | 241 | 6713 | 44.3 | 46.2 | 45.2 |
| 65 | 165 | 238 | 6223 | 40.6 | 42.3 | 41.4 |
| 60 | 152 | 235 | 5733 | 37.0 | 38.5 | 37.8 |
| 55 | 140 | 232 | 5280 | 33.7 | 35.1 | 34.4 |
| 50 | 127 | 229 | 4790 | 30.3 | 31.5 | 30.9 |
| 45 | 114 | 225 | 4300 | 27.0 | 28.1 | 27.6 |
| 40 | 102 | 221 | 3847 | 24.0 | 25.1 | 24.6 |
| 35 | 89 | 216 | 3357 | 20.9 | 21.7 | 21.3 |
| 30 | 76 | 210 | 2866 | 18.0 | 18.7 | 18.4 |
| 25 | 64 | 204 | 2414 | 15.4 | 15.9 | 15.6 |
| 20 | 51 | 195 | 1923 | 12.5 | 13.0 | 12.8 |
| 15 | 38 | 184 | 1433 | 9.7 | 10.1 | 9.9 |
| 11 | 28 | 173 | 1056 | 7.4 | 7.6 | 7.5 |

Photometric test report

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| Family Streetlight 21 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
|--|--|------------------------------|

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|-----------------------------|---------------------------------|---------------|
| Dimming levels table | environmental temperature: 15°C | siteco |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100 | 254 | 254 | 9580 | 69.8 | 73.0 | 71.4 |
| 95 | 241 | 252 | 9090 | 65.1 | 67.9 | 66.5 |
| 90 | 229 | 250 | 8637 | 60.9 | 63.5 | 62.2 |
| 85 | 216 | 248 | 8147 | 56.5 | 58.9 | 57.7 |
| 80 | 203 | 246 | 7656 | 52.3 | 54.4 | 53.4 |
| 75 | 191 | 244 | 7204 | 48.5 | 50.5 | 49.5 |
| 70 | 178 | 241 | 6714 | 44.6 | 46.4 | 45.5 |
| 65 | 165 | 238 | 6223 | 40.7 | 42.4 | 41.6 |
| 60 | 152 | 235 | 5733 | 37.1 | 38.6 | 37.8 |
| 55 | 140 | 232 | 5280 | 33.8 | 35.1 | 34.4 |
| 50 | 127 | 229 | 4790 | 30.3 | 31.5 | 30.9 |
| 45 | 114 | 225 | 4300 | 27.0 | 28.1 | 27.6 |
| 40 | 102 | 221 | 3847 | 24.1 | 25.0 | 24.6 |
| 35 | 89 | 216 | 3357 | 21.0 | 21.8 | 21.4 |
| 30 | 76 | 210 | 2866 | 18.0 | 18.6 | 18.3 |
| 25 | 64 | 204 | 2414 | 15.3 | 15.8 | 15.6 |
| 20 | 51 | 195 | 1924 | 12.5 | 12.9 | 12.7 |
| 15 | 38 | 184 | 1433 | 9.7 | 10.0 | 9.8 |
| 11 | 28 | 173 | 1056 | 7.4 | 7.7 | 7.6 |

Photometric test report

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| Family Streetlight 21 mini LED | Order number: 5XE2V31V08HB EAN: 4069025150363 | LP number 59539_44 |
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| Luminousfluxs table | siteco |
|----------------------------|---------------|

| Temperature °C | Luminous flux lm | Power consumption W |
|-------------------|---------------------|------------------------|
| 25.0 | 9580.0 | 71.0 |
| 5.0 | 9580.0 | 69.1 |
| 15.0 | 9580.0 | 69.8 |