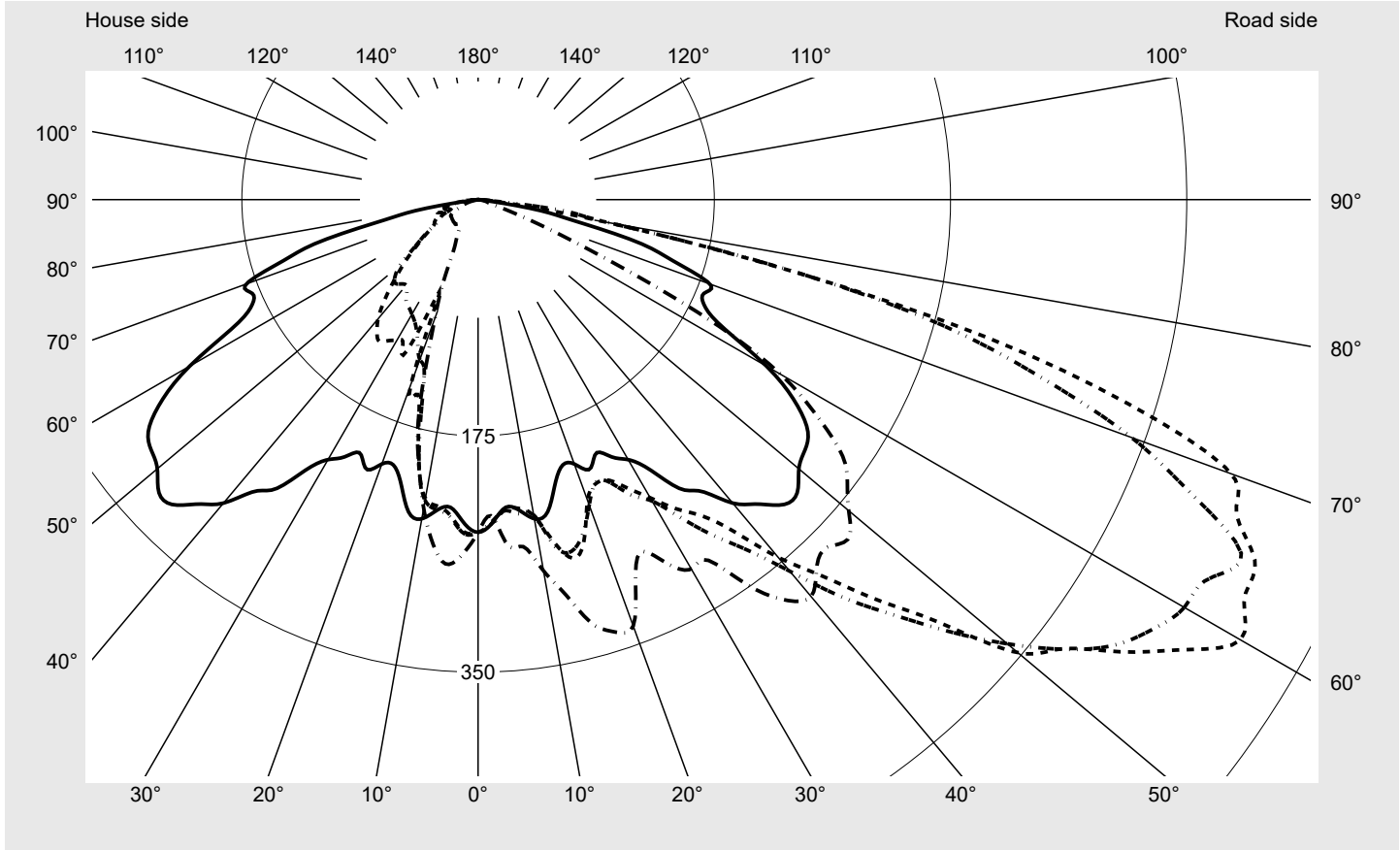


# Photometric test report

|   |   |  |
|---|---|--|
| <b>Family</b><br><b>Streetlight 11 mini LED</b> | <b>Order number: 5XC2AC1G08HE</b><br><b>EAN: 4069025078773</b>  | <b>LP number</b><br><b>58293_511</b>             |
|   | <b>Version</b> post-top or side-entry mounting, Colour Switch<br><b>Optic</b> asymmetric, wide distribution (ST1.2a)<br><b>Cover</b> transparent, PMMA<br><b>Lamps</b> LED 4000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Setting</b> individual position<br><b>Rated values</b> Net luminous flux = 8820 lm<br>Power consumption = 62.9 W<br>Luminous efficacy = 140.2 lm/W | <b>serial documentation</b><br><b>24.06.2024</b> |



**Luminous intensity in cd/klm** C180-0 C205-25 C210-30 C270-90 **Imax: 652 cd/klm**



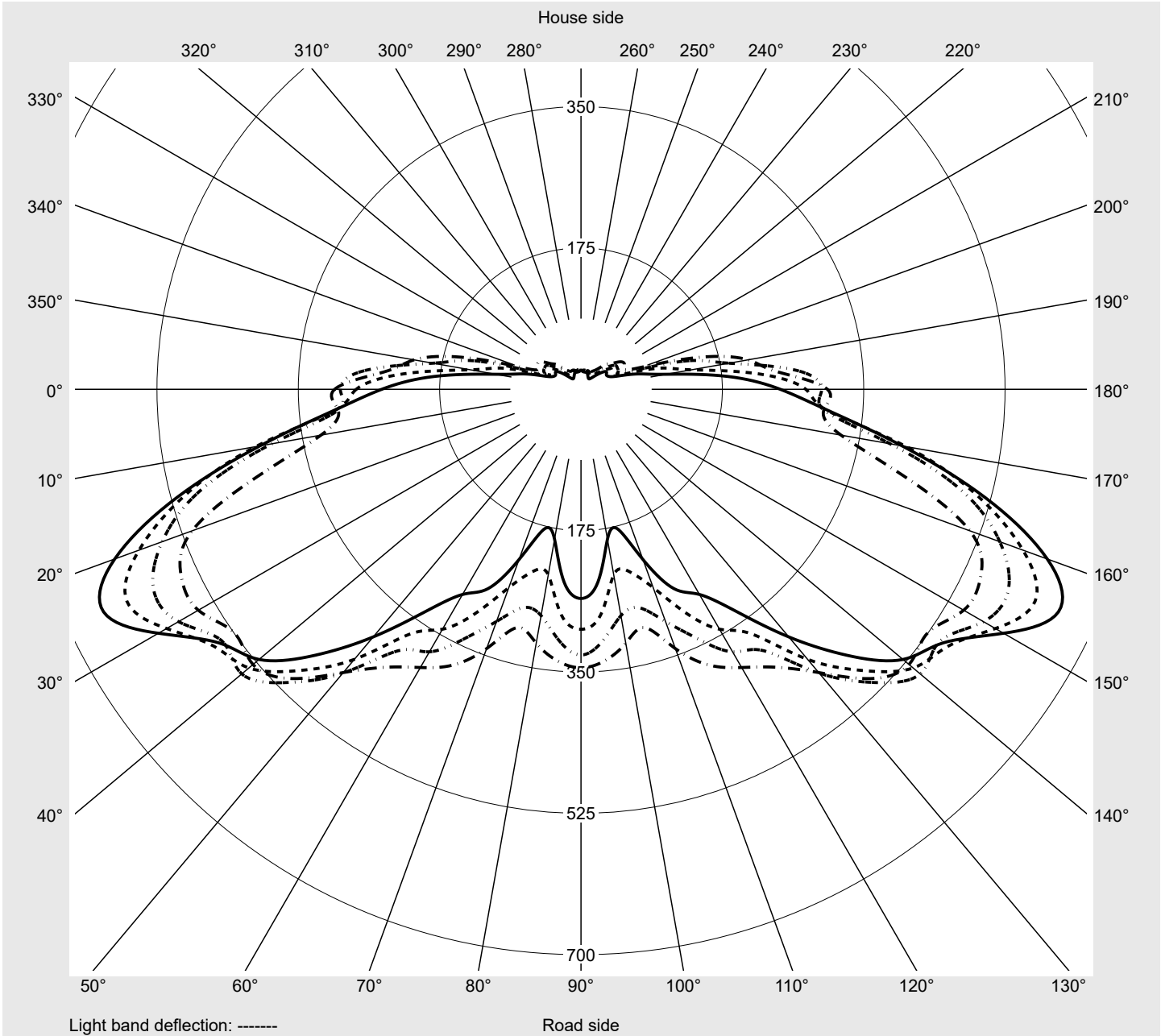
| Luminaire output ratios   |        |
|---------------------------|--------|
| Eta                       | 100.0% |
| Eta 0° - 90°              | 100.0% |
| Eta 90° - 180°            | 0.0%   |
| Measurement conditions    |        |
| DIN EN 13032 and DIN 5032 |        |

| Luminous intensity class acc. to EN13201-2 |       |
|--|-------|
| Class:                                     | G3    |
| Imax 70°                                   | 593.9 |
| Imax 80°                                   | 98.9  |
| Imax 90°                                   | 0.0   |
| Imax >90°                                  | 0.0   |
| Imax >95°                                  | 0.0   |

**Photometric test report**

|  |  |                                      |
|--|--|--------------------------------------|
| <b>Family</b><br>Streetlight 11 mini LED | <b>Order number: 5XC2AC1G08HE</b><br><b>EAN: 4069025078773</b> | <b>LP number</b><br><b>58293_511</b> |
|--|--|--------------------------------------|

**Envelope curve in cd/klm**      **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**      **siteco**



## Photometric test report

|   |  |                                      |
|---|--|--------------------------------------|
| <b>Family</b><br>Streetlight 11 mini LED        | <b>Order number: 5XC2AC1G08HE</b><br><b>EAN: 4069025078773</b> | <b>LP number</b><br><b>58293_511</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>siteco</b>                        |

| C-planes | 0°<br>180°                   | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ        | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 246.4                        | 246.4      | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       | 246.4       |
| 2,5°     | 239.8                        | 240.0      | 240.1       | 239.7       | 240.0       | 239.8       | 238.6       | 237.2       | 236.7       | 236.5       | 235.6       | 235.3       | 234.4       |
| 5,0°     | 229.1                        | 228.4      | 228.7       | 229.6       | 230.3       | 230.5       | 231.2       | 232.4       | 235.4       | 238.5       | 239.7       | 241.9       | 242.5       |
| 7,5°     | 231.9                        | 232.6      | 231.2       | 229.7       | 229.3       | 230.7       | 234.7       | 239.7       | 244.4       | 248.4       | 250.9       | 254.0       | 255.3       |
| 10,0°    | 240.0                        | 245.5      | 244.0       | 240.9       | 238.8       | 237.8       | 236.9       | 240.2       | 245.1       | 251.2       | 258.7       | 264.9       | 272.0       |
| 12,5°    | 237.3                        | 248.6      | 259.0       | 262.1       | 260.8       | 259.9       | 262.9       | 262.2       | 260.3       | 267.2       | 276.2       | 282.6       | 282.7       |
| 15,0°    | 219.3                        | 225.4      | 240.1       | 256.9       | 269.9       | 275.0       | 269.3       | 265.6       | 263.3       | 261.3       | 264.6       | 271.9       | 281.1       |
| 17,5°    | 206.8                        | 214.9      | 231.6       | 247.1       | 254.2       | 262.3       | 258.8       | 252.0       | 246.2       | 242.9       | 244.5       | 247.3       | 257.3       |
| 20,0°    | 208.4                        | 221.3      | 226.4       | 230.6       | 233.9       | 237.1       | 240.8       | 248.5       | 251.5       | 245.3       | 240.1       | 242.0       | 254.3       |
| 22,5°    | 216.1                        | 219.3      | 220.3       | 223.1       | 226.9       | 227.7       | 227.1       | 227.7       | 235.4       | 240.6       | 242.8       | 248.2       | 253.0       |
| 25,0°    | 207.1                        | 214.4      | 224.2       | 232.5       | 232.6       | 229.4       | 231.1       | 234.6       | 239.8       | 243.8       | 257.3       | 260.7       | 268.7       |
| 27,5°    | 215.0                        | 225.1      | 225.5       | 231.9       | 237.3       | 241.3       | 246.8       | 251.6       | 257.6       | 266.8       | 281.0       | 288.8       | 303.3       |
| 30,0°    | 222.4                        | 233.4      | 237.1       | 242.8       | 250.8       | 255.0       | 257.8       | 266.5       | 281.3       | 295.2       | 308.3       | 320.8       | 334.8       |
| 32,5°    | 237.4                        | 244.8      | 245.8       | 249.4       | 262.0       | 271.1       | 279.1       | 290.5       | 312.4       | 328.5       | 340.2       | 345.4       | 356.7       |
| 35,0°    | 261.6                        | 267.3      | 267.7       | 267.3       | 274.5       | 285.1       | 303.6       | 321.6       | 334.8       | 353.0       | 362.6       | 378.3       | 388.1       |
| 37,5°    | 272.5                        | 277.6      | 279.9       | 285.7       | 293.6       | 308.5       | 326.9       | 345.0       | 359.7       | 372.7       | 387.7       | 420.5       | 413.3       |
| 40,0°    | 293.4                        | 297.1      | 299.4       | 309.9       | 319.5       | 345.9       | 359.3       | 367.5       | 382.1       | 408.4       | 414.9       | 433.9       | 441.4       |
| 42,5°    | 305.8                        | 310.7      | 318.2       | 336.2       | 353.8       | 378.6       | 399.4       | 400.4       | 400.5       | 427.8       | 436.5       | 449.4       | 450.6       |
| 45,0°    | 319.6                        | 313.1      | 321.5       | 373.8       | 392.3       | 420.0       | 434.8       | 431.2       | 434.8       | 457.0       | 452.4       | 447.1       | 446.6       |
| 47,5°    | 320.8                        | 309.8      | 325.1       | 385.4       | 419.7       | 463.8       | 473.6       | 464.3       | 469.8       | 469.4       | 456.5       | 443.9       | 445.2       |
| 50,0°    | 310.2                        | 307.2      | 315.4       | 392.2       | 452.4       | 522.3       | 511.8       | 491.4       | 505.3       | 487.1       | 454.1       | 435.2       | 423.2       |
| 52,5°    | 305.1                        | 301.6      | 326.9       | 413.0       | 512.4       | 546.3       | 547.1       | 524.7       | 530.1       | 506.6       | 457.9       | 420.1       | 397.8       |
| 55,0°    | 298.1                        | 302.5      | 388.7       | 489.5       | 551.8       | 584.1       | 575.4       | 542.9       | 548.3       | 513.5       | 458.7       | 395.3       | 375.4       |
| 57,5°    | 278.3                        | 306.9      | 409.1       | 507.8       | 582.3       | 620.5       | 592.4       | 554.8       | 536.8       | 492.4       | 436.5       | 370.2       | 343.0       |
| 60,0°    | 246.7                        | 308.6      | 403.8       | 518.1       | 614.4       | 652.2       | 604.1       | 547.4       | 520.4       | 465.8       | 400.3       | 336.1       | 293.3       |
| 62,5°    | 203.8                        | 309.3      | 401.4       | 514.5       | 592.8       | 640.0       | 609.1       | 568.3       | 505.6       | 448.4       | 370.3       | 308.4       | 244.7       |
| 65,0°    | 184.8                        | 305.8      | 399.8       | 491.5       | 545.4       | 635.2       | 624.2       | 536.2       | 477.4       | 421.4       | 336.1       | 290.3       | 208.4       |
| 67,5°    | 181.2                        | 300.3      | 385.2       | 455.9       | 537.1       | 608.0       | 573.8       | 499.7       | 429.1       | 379.6       | 303.5       | 252.0       | 174.7       |
| 70,0°    | 182.8                        | 298.3      | 348.6       | 421.3       | 536.1       | 593.9       | 515.4       | 439.2       | 393.7       | 335.0       | 261.7       | 204.6       | 153.3       |
| 72,5°    | 152.3                        | 295.2      | 340.0       | 415.6       | 464.5       | 507.8       | 436.8       | 365.4       | 336.0       | 281.8       | 215.0       | 165.1       | 137.1       |
| 75,0°    | 123.4                        | 244.9      | 296.2       | 319.8       | 343.4       | 381.6       | 351.0       | 272.8       | 224.7       | 206.6       | 172.7       | 145.5       | 127.0       |
| 77,5°    | 74.5                         | 181.8      | 192.1       | 227.4       | 191.9       | 217.5       | 221.5       | 172.7       | 139.2       | 141.8       | 115.3       | 105.6       | 88.0        |
| 80,0°    | 47.1                         | 60.2       | 72.3        | 86.8        | 96.2        | 97.8        | 98.2        | 98.9        | 96.2        | 95.3        | 52.2        | 40.0        | 30.9        |
| 82,5°    | 9.3                          | 12.5       | 13.4        | 18.9        | 18.9        | 29.8        | 65.1        | 93.0        | 67.0        | 41.5        | 23.5        | 16.6        | 10.9        |
| 85,0°    | 3.5                          | 3.3        | 3.7         | 4.4         | 5.5         | 7.4         | 9.6         | 16.6        | 11.6        | 10.1        | 9.4         | 7.2         | 6.3         |
| 87,5°    | 2.3                          | 2.4        | 2.6         | 2.9         | 3.1         | 3.3         | 3.6         | 4.1         | 4.4         | 4.0         | 3.8         | 3.7         | 3.5         |
| 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         |
| 100,0°   | 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         |
| 110,0°   | 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         |
| 120,0°   | 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         |
| 130,0°   | 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         |
| 140,0°   | 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         |
| 150,0°   | 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         |
| 160,0°   | 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         |
| 170,0°   | 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         |
| 180,0°   | 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

|   |  |                                   |
|---|--|-----------------------------------|
| <b>Family</b><br>Streetlight 11 mini LED        | <b>Order number: 5XC2AC1G08HE</b><br><b>EAN: 4069025078773</b> | <b>LP number</b><br>58293_511     |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
| <b>siteco</b>                                   |  |                                   |

| C-planes | 65°<br>115°                  | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 246.4                        | 246.4       | 246.4       | 246.4       | 246.4      | 246.4 | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        |
| 2,5°     | 234.1                        | 233.5       | 232.9       | 233.4       | 234.2      | 235.0 | 241.0        | 242.5        | 243.2        | 244.5        | 246.1        | 247.4        | 248.1        |
| 5,0°     | 244.3                        | 246.1       | 247.2       | 250.8       | 255.4      | 257.5 | 231.6        | 232.2        | 232.8        | 232.6        | 234.9        | 236.2        | 234.4        |
| 7,5°     | 259.1                        | 260.3       | 263.4       | 262.6       | 260.8      | 259.4 | 230.1        | 229.9        | 228.3        | 227.7        | 229.0        | 231.6        | 231.0        |
| 10,0°    | 272.7                        | 271.8       | 271.6       | 272.6       | 275.4      | 279.2 | 233.5        | 228.8        | 225.7        | 223.4        | 224.7        | 226.2        | 223.3        |
| 12,5°    | 285.6                        | 286.2       | 290.0       | 295.9       | 298.0      | 299.6 | 227.2        | 221.3        | 214.0        | 207.4        | 202.7        | 202.1        | 203.7        |
| 15,0°    | 282.9                        | 288.2       | 301.7       | 314.1       | 320.8      | 324.6 | 210.7        | 201.6        | 193.5        | 182.8        | 169.7        | 162.8        | 156.0        |
| 17,5°    | 275.5                        | 290.1       | 300.8       | 317.3       | 329.9      | 335.7 | 199.0        | 192.5        | 185.9        | 171.1        | 151.0        | 132.5        | 124.4        |
| 20,0°    | 266.9                        | 281.0       | 296.7       | 311.8       | 330.4      | 336.1 | 198.2        | 187.6        | 172.6        | 163.2        | 145.4        | 126.2        | 113.8        |
| 22,5°    | 264.4                        | 276.4       | 296.7       | 308.8       | 307.9      | 304.8 | 194.5        | 174.3        | 162.8        | 143.5        | 74.0         | 116.6        | 98.7         |
| 25,0°    | 273.7                        | 286.6       | 295.4       | 294.2       | 295.9      | 287.6 | 195.6        | 169.8        | 156.1        | 135.8        | 121.1        | 107.6        | 89.5         |
| 27,5°    | 302.2                        | 308.3       | 307.5       | 302.6       | 297.9      | 304.0 | 195.8        | 178.3        | 162.7        | 136.6        | 120.6        | 101.8        | 83.5         |
| 30,0°    | 338.0                        | 331.1       | 312.4       | 313.6       | 311.7      | 315.9 | 207.9        | 188.4        | 165.9        | 142.2        | 120.1        | 98.1         | 77.8         |
| 32,5°    | 351.6                        | 334.4       | 325.1       | 337.0       | 328.7      | 316.6 | 224.1        | 203.2        | 170.7        | 147.0        | 123.9        | 95.1         | 73.8         |
| 35,0°    | 381.8                        | 364.5       | 359.3       | 364.4       | 357.6      | 348.7 | 254.1        | 231.6        | 188.3        | 154.7        | 127.9        | 92.7         | 72.5         |
| 37,5°    | 400.8                        | 388.8       | 368.5       | 359.8       | 364.8      | 373.8 | 263.8        | 240.0        | 192.1        | 161.1        | 123.0        | 86.7         | 73.2         |
| 40,0°    | 426.7                        | 407.3       | 369.0       | 349.1       | 366.6      | 383.8 | 284.2        | 250.4        | 192.1        | 160.5        | 115.3        | 82.8         | 76.0         |
| 42,5°    | 445.4                        | 405.8       | 374.1       | 350.6       | 367.9      | 371.2 | 294.9        | 249.1        | 189.9        | 153.0        | 103.8        | 84.7         | 76.8         |
| 45,0°    | 454.6                        | 404.8       | 367.5       | 355.3       | 367.9      | 364.9 | 304.7        | 253.4        | 189.5        | 145.6        | 91.7         | 87.2         | 83.4         |
| 47,5°    | 444.2                        | 397.0       | 350.0       | 356.6       | 373.5      | 371.9 | 285.3        | 245.8        | 183.2        | 123.3        | 79.8         | 83.2         | 80.6         |
| 50,0°    | 415.6                        | 363.0       | 328.5       | 334.1       | 367.2      | 358.4 | 246.0        | 208.6        | 170.2        | 99.8         | 69.6         | 75.4         | 71.6         |
| 52,5°    | 377.0                        | 341.7       | 305.5       | 319.2       | 337.4      | 344.8 | 245.2        | 210.0        | 153.6        | 79.9         | 59.0         | 62.0         | 59.4         |
| 55,0°    | 340.5                        | 305.9       | 280.1       | 284.6       | 312.2      | 329.0 | 268.2        | 186.1        | 136.3        | 60.7         | 50.5         | 52.1         | 51.7         |
| 57,5°    | 304.7                        | 261.3       | 234.1       | 233.3       | 280.3      | 297.2 | 220.2        | 138.9        | 101.2        | 52.2         | 43.1         | 44.3         | 44.4         |
| 60,0°    | 272.4                        | 224.3       | 180.1       | 188.5       | 239.8      | 259.0 | 182.4        | 107.2        | 73.6         | 47.7         | 37.8         | 36.3         | 38.0         |
| 62,5°    | 220.8                        | 167.7       | 135.7       | 140.5       | 177.7      | 194.5 | 144.0        | 86.7         | 60.7         | 46.5         | 36.4         | 32.0         | 31.7         |
| 65,0°    | 173.8                        | 118.9       | 93.3        | 100.8       | 117.9      | 110.3 | 115.5        | 69.8         | 50.4         | 41.5         | 34.4         | 30.3         | 28.6         |
| 67,5°    | 127.0                        | 81.4        | 58.3        | 50.3        | 53.2       | 55.8  | 112.4        | 66.9         | 43.1         | 33.6         | 31.4         | 26.8         | 22.4         |
| 70,0°    | 110.0                        | 67.0        | 36.1        | 23.4        | 24.0       | 23.7  | 111.5        | 64.4         | 43.1         | 30.9         | 28.2         | 21.7         | 19.7         |
| 72,5°    | 95.0                         | 38.0        | 20.3        | 11.1        | 10.3       | 9.3   | 90.0         | 56.0         | 44.0         | 38.4         | 31.8         | 23.7         | 19.8         |
| 75,0°    | 83.9                         | 21.9        | 12.7        | 8.3         | 7.2        | 7.1   | 63.0         | 53.1         | 47.7         | 34.4         | 29.9         | 25.7         | 18.1         |
| 77,5°    | 31.9                         | 15.2        | 9.0         | 6.5         | 5.7        | 5.5   | 54.2         | 48.4         | 47.2         | 30.9         | 25.1         | 22.1         | 16.2         |
| 80,0°    | 14.1                         | 9.7         | 6.4         | 5.0         | 4.4        | 4.2   | 36.4         | 35.4         | 29.8         | 22.2         | 19.6         | 18.2         | 16.2         |
| 82,5°    | 9.0                          | 6.6         | 4.7         | 3.7         | 3.2        | 3.1   | 9.7          | 11.3         | 14.2         | 14.6         | 15.4         | 11.1         | 10.4         |
| 85,0°    | 5.2                          | 3.9         | 2.9         | 2.3         | 1.9        | 1.7   | 3.1          | 3.1          | 3.2          | 3.3          | 3.4          | 3.5          | 3.5          |
| 87,5°    | 3.0                          | 2.2         | 1.5         | 1.2         | 1.0        | 1.0   | 2.2          | 2.0          | 2.0          | 2.0          | 1.9          | 1.9          | 1.7          |
| 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          |
| 100,0°   | 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          |
| 110,0°   | 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          |
| 120,0°   | 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          |
| 130,0°   | 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          |
| 140,0°   | 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          |
| 150,0°   | 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          |
| 160,0°   | 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          |
| 170,0°   | 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          |
| 180,0°   | 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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| <b>Family</b><br>Streetlight 11 mini LED        | <b>Order number: 5XC2AC1G08HE</b><br><b>EAN: 4069025078773</b> | <b>LP number</b><br><b>58293_511</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>sITeco</b>                        |

| C-planes | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-zone                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |       | Luminous flux in lm/klm |                   |
| 0,0°     | 246.4                        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4        | 246.4 | 0.4                     | 0.4               |
| 2,5°     | 249.5                        | 252.2        | 254.7        | 257.5        | 259.7        | 261.3        | 261.3        | 261.3        | 262.1        | 262.4        | 262.8 | 2.9                     | 3.3               |
| 5,0°     | 231.6                        | 233.6        | 237.0        | 241.2        | 245.2        | 249.9        | 256.6        | 263.5        | 269.0        | 271.4        | 271.0 | 5.8                     | 9.1               |
| 7,5°     | 225.8                        | 225.3        | 227.9        | 229.8        | 234.2        | 239.7        | 243.5        | 246.5        | 250.9        | 255.1        | 256.9 | 8.6                     | 17.7              |
| 10,0°    | 214.9                        | 206.6        | 211.0        | 211.6        | 215.6        | 218.1        | 225.4        | 229.7        | 234.1        | 233.6        | 232.1 | 11.4                    | 29.1              |
| 12,5°    | 205.5                        | 194.6        | 195.1        | 193.5        | 195.4        | 200.0        | 205.8        | 215.1        | 216.6        | 206.7        | 202.2 | 14.2                    | 43.3              |
| 15,0°    | 155.4                        | 160.1        | 160.7        | 158.6        | 157.5        | 160.9        | 168.0        | 169.1        | 179.2        | 173.9        | 171.9 | 15.8                    | 59.1              |
| 17,5°    | 121.8                        | 123.5        | 125.8        | 124.8        | 119.6        | 125.9        | 127.1        | 123.3        | 124.5        | 126.5        | 127.6 | 16.7                    | 75.9              |
| 20,0°    | 106.9                        | 108.0        | 108.3        | 102.2        | 91.8         | 85.2         | 85.0         | 83.3         | 89.9         | 94.2         | 93.3  | 17.8                    | 93.7              |
| 22,5°    | 90.5                         | 90.6         | 95.5         | 88.8         | 77.0         | 70.1         | 67.6         | 63.8         | 62.9         | 62.6         | 70.1  | 18.6                    | 112.3             |
| 25,0°    | 76.4                         | 77.8         | 84.5         | 74.0         | 71.7         | 64.2         | 62.0         | 54.8         | 48.0         | 44.9         | 46.3  | 20.3                    | 132.7             |
| 27,5°    | 68.7                         | 60.3         | 56.3         | 57.6         | 57.9         | 53.0         | 52.5         | 44.8         | 39.0         | 37.0         | 36.1  | 22.7                    | 155.4             |
| 30,0°    | 65.1                         | 58.5         | 54.4         | 51.3         | 46.7         | 43.1         | 39.1         | 38.0         | 34.6         | 31.9         | 30.8  | 25.7                    | 181.1             |
| 32,5°    | 63.3                         | 57.4         | 53.7         | 46.9         | 39.3         | 34.9         | 32.3         | 30.9         | 29.7         | 28.1         | 26.3  | 28.9                    | 210.0             |
| 35,0°    | 65.2                         | 58.8         | 52.1         | 43.5         | 36.9         | 31.4         | 28.3         | 26.5         | 25.1         | 24.5         | 24.1  | 33.2                    | 243.2             |
| 37,5°    | 66.6                         | 58.3         | 50.3         | 42.4         | 36.2         | 31.2         | 26.4         | 24.9         | 23.6         | 24.2         | 23.4  | 36.8                    | 280.0             |
| 40,0°    | 70.0                         | 59.1         | 50.2         | 41.5         | 33.5         | 27.6         | 25.6         | 24.3         | 24.1         | 24.1         | 23.4  | 40.8                    | 320.8             |
| 42,5°    | 71.2                         | 59.5         | 50.3         | 40.5         | 32.6         | 27.3         | 24.6         | 24.4         | 24.3         | 23.8         | 24.8  | 44.5                    | 365.3             |
| 45,0°    | 74.6                         | 61.9         | 46.1         | 36.6         | 31.9         | 28.1         | 24.6         | 24.3         | 24.1         | 24.3         | 24.5  | 48.0                    | 413.3             |
| 47,5°    | 70.1                         | 55.1         | 41.9         | 34.0         | 30.1         | 27.6         | 24.8         | 24.2         | 24.2         | 24.2         | 24.6  | 50.6                    | 463.9             |
| 50,0°    | 58.1                         | 48.8         | 38.8         | 31.0         | 29.0         | 26.4         | 25.4         | 24.3         | 24.2         | 24.2         | 24.2  | 51.8                    | 515.7             |
| 52,5°    | 49.6                         | 43.2         | 33.6         | 28.2         | 25.7         | 25.8         | 25.3         | 24.1         | 24.3         | 24.7         | 24.1  | 53.3                    | 569.0             |
| 55,0°    | 43.5                         | 36.5         | 28.4         | 24.7         | 23.3         | 23.8         | 24.6         | 23.5         | 24.2         | 23.6         | 23.7  | 54.9                    | 623.9             |
| 57,5°    | 36.2                         | 29.1         | 22.9         | 20.4         | 21.4         | 22.1         | 23.1         | 22.7         | 22.9         | 23.1         | 23.6  | 53.9                    | 677.8             |
| 60,0°    | 31.5                         | 22.4         | 17.1         | 16.3         | 17.5         | 19.6         | 21.7         | 21.9         | 21.8         | 22.3         | 23.3  | 52.0                    | 729.9             |
| 62,5°    | 25.2                         | 17.7         | 13.2         | 12.8         | 14.7         | 17.2         | 19.3         | 19.4         | 19.7         | 20.4         | 20.9  | 49.2                    | 779.1             |
| 65,0°    | 20.3                         | 14.6         | 11.5         | 10.5         | 12.0         | 14.7         | 17.0         | 16.9         | 17.5         | 17.0         | 17.7  | 45.9                    | 824.9             |
| 67,5°    | 18.1                         | 13.7         | 10.7         | 9.4          | 10.0         | 11.5         | 13.5         | 14.1         | 14.8         | 13.6         | 14.4  | 41.9                    | 866.8             |
| 70,0°    | 16.3                         | 12.0         | 9.9          | 8.5          | 8.3          | 9.3          | 10.5         | 11.2         | 11.9         | 11.7         | 11.8  | 38.6                    | 905.4             |
| 72,5°    | 14.7                         | 10.9         | 8.3          | 7.1          | 6.8          | 7.7          | 8.1          | 8.4          | 9.0          | 9.3          | 9.3   | 34.1                    | 939.5             |
| 75,0°    | 12.7                         | 10.3         | 7.2          | 6.0          | 5.6          | 5.9          | 6.2          | 6.5          | 6.5          | 6.5          | 6.7   | 27.2                    | 966.6             |
| 77,5°    | 10.4                         | 7.6          | 5.8          | 5.1          | 4.5          | 4.1          | 4.4          | 4.6          | 3.7          | 3.2          | 3.1   | 18.1                    | 984.8             |
| 80,0°    | 10.8                         | 6.1          | 4.2          | 3.9          | 3.3          | 3.0          | 2.8          | 2.9          | 2.0          | 1.0          | 0.6   | 9.2                     | 994.0             |
| 82,5°    | 7.4                          | 4.7          | 3.4          | 2.9          | 2.5          | 2.2          | 1.9          | 1.9          | 1.1          | 0.6          | 0.4   | 4.3                     | 998.3             |
| 85,0°    | 3.4                          | 2.6          | 2.3          | 1.9          | 1.8          | 1.4          | 1.0          | 0.9          | 0.7          | 0.4          | 0.4   | 1.2                     | 999.4             |
| 87,5°    | 1.6                          | 1.5          | 1.2          | 1.2          | 1.0          | 0.9          | 0.7          | 0.6          | 0.5          | 0.4          | 0.4   | 0.6                     | 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            |
| 100,0°   | 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            |
| 110,0°   | 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            |
| 120,0°   | 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            |
| 130,0°   | 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            |
| 140,0°   | 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            |
| 150,0°   | 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            |
| 160,0°   | 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            |
| 170,0°   | 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            |
| 180,0°   | 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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| <b>Family</b><br>Streetlight 11 mini LED | <b>Order number: 5XC2AC1G08HE</b><br><b>EAN: 4069025078773</b> | <b>LP number</b><br><b>58293_511</b> |
|--|--|--------------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 25°C | <b>siteco</b> |
|-----------------------------|---------------------------------|---------------|

| 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                       | 8820               | 62.9                                    | 66.2                                  | 64.6                          |
| 95              | 241                  | 252                       | 8369               | 58.9                                    | 62.0                                  | 60.4                          |
| 90              | 229                  | 250                       | 7952               | 55.3                                    | 58.2                                  | 56.8                          |
| 85              | 216                  | 248                       | 7500               | 51.6                                    | 54.2                                  | 52.9                          |
| 80              | 203                  | 246                       | 7049               | 47.9                                    | 50.4                                  | 49.2                          |
| 75              | 190                  | 243                       | 6598               | 44.3                                    | 46.6                                  | 45.4                          |
| 70              | 178                  | 241                       | 6181               | 41.2                                    | 43.3                                  | 42.2                          |
| 65              | 165                  | 238                       | 5730               | 37.9                                    | 39.8                                  | 38.8                          |
| 60              | 152                  | 235                       | 5278               | 34.7                                    | 36.4                                  | 35.6                          |
| 55              | 140                  | 232                       | 4861               | 31.8                                    | 33.3                                  | 32.6                          |
| 50              | 127                  | 229                       | 4410               | 28.7                                    | 30.1                                  | 29.4                          |
| 45              | 114                  | 225                       | 3959               | 25.7                                    | 26.9                                  | 26.3                          |
| 40              | 102                  | 221                       | 3542               | 23.0                                    | 24.2                                  | 23.6                          |
| 35              | 89                   | 216                       | 3090               | 20.2                                    | 21.1                                  | 20.6                          |
| 30              | 76                   | 210                       | 2639               | 17.5                                    | 18.3                                  | 17.9                          |
| 25              | 63                   | 203                       | 2188               | 14.9                                    | 15.5                                  | 15.2                          |
| 20              | 51                   | 195                       | 1771               | 12.6                                    | 13.0                                  | 12.8                          |
| 15              | 38                   | 184                       | 1320               | 10.0                                    | 10.4                                  | 10.2                          |
| 10              | 25                   | 169                       | 868                | 7.6                                     | 7.9                                   | 7.8                           |
| 9               | 22                   | 164                       | 764                | 6.9                                     | 7.1                                   | 7.0                           |