

## Photometric test report

### Family Streetlight 11 mini LED

**Order number: 5XC2G51Y08HE**  
**EAN: 4058352919002**

**LP number**  
**58294\_468**



|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| <b>Version</b>      | post-top or side-entry mounting, Smart Interface up/down                                    |
| <b>Optic</b>        | direct, asymmetric wide distribution S120007                                                |
| <b>Cover</b>        | transparent, PMMA                                                                           |
| <b>Lamps</b>        | LED 3000 K   CRI ≥ 70                                                                       |
| <b>Controlgear</b>  | ECG SITECO iQ - DALI2                                                                       |
| <b>Rated values</b> | Net luminous flux = 8240 lm<br>Power consumption = 56.5 W<br>Luminous efficacy = 145.8 lm/W |

**serial**  
**documentation**  
**17.06.2024**

**siteco**

**Luminous intensity in cd/klm**

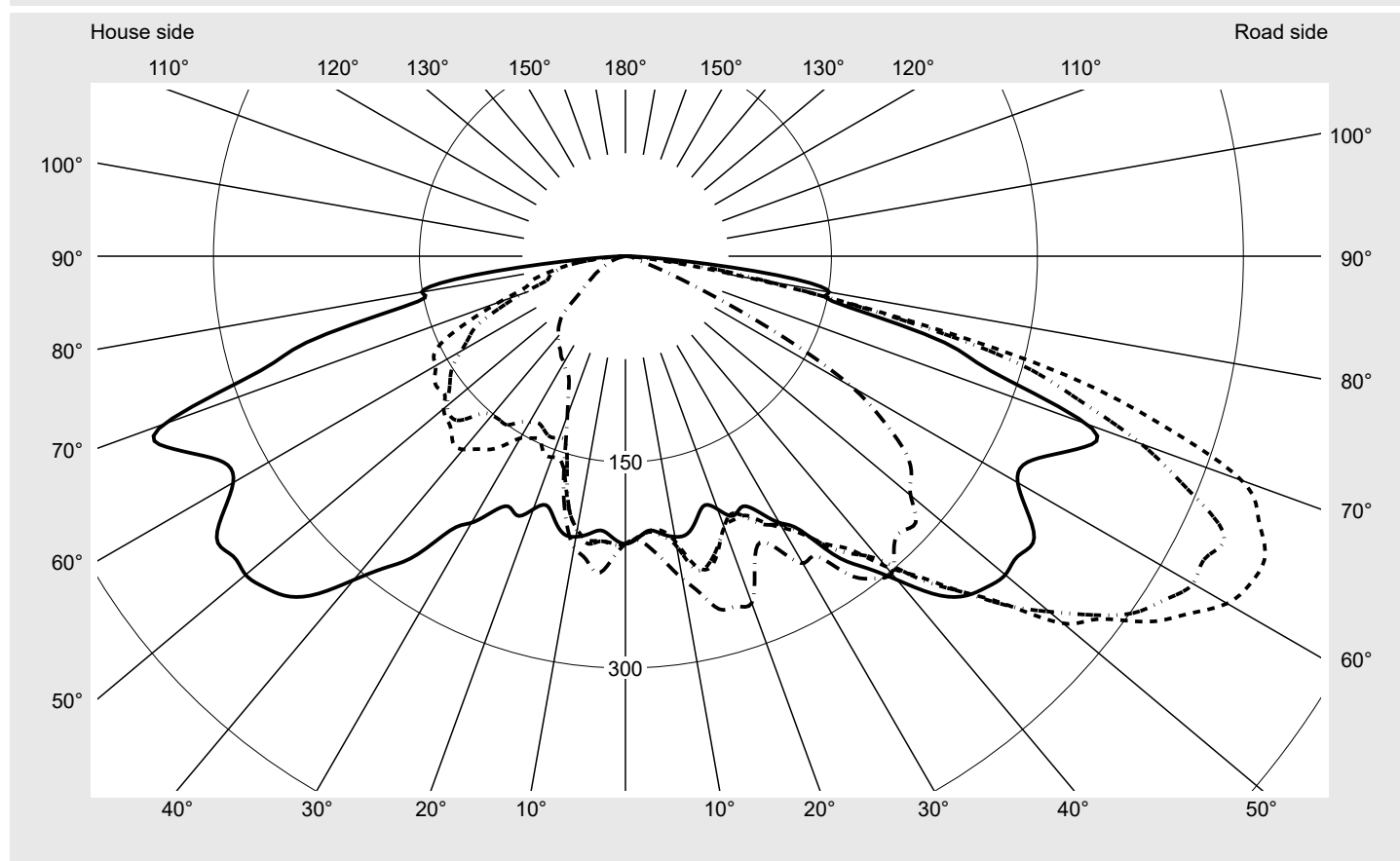
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 514 cd/klm**



#### Luminaire output ratios

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 100.0% |
| Eta 90° - 180° | 0.0%   |

#### Measurement conditions

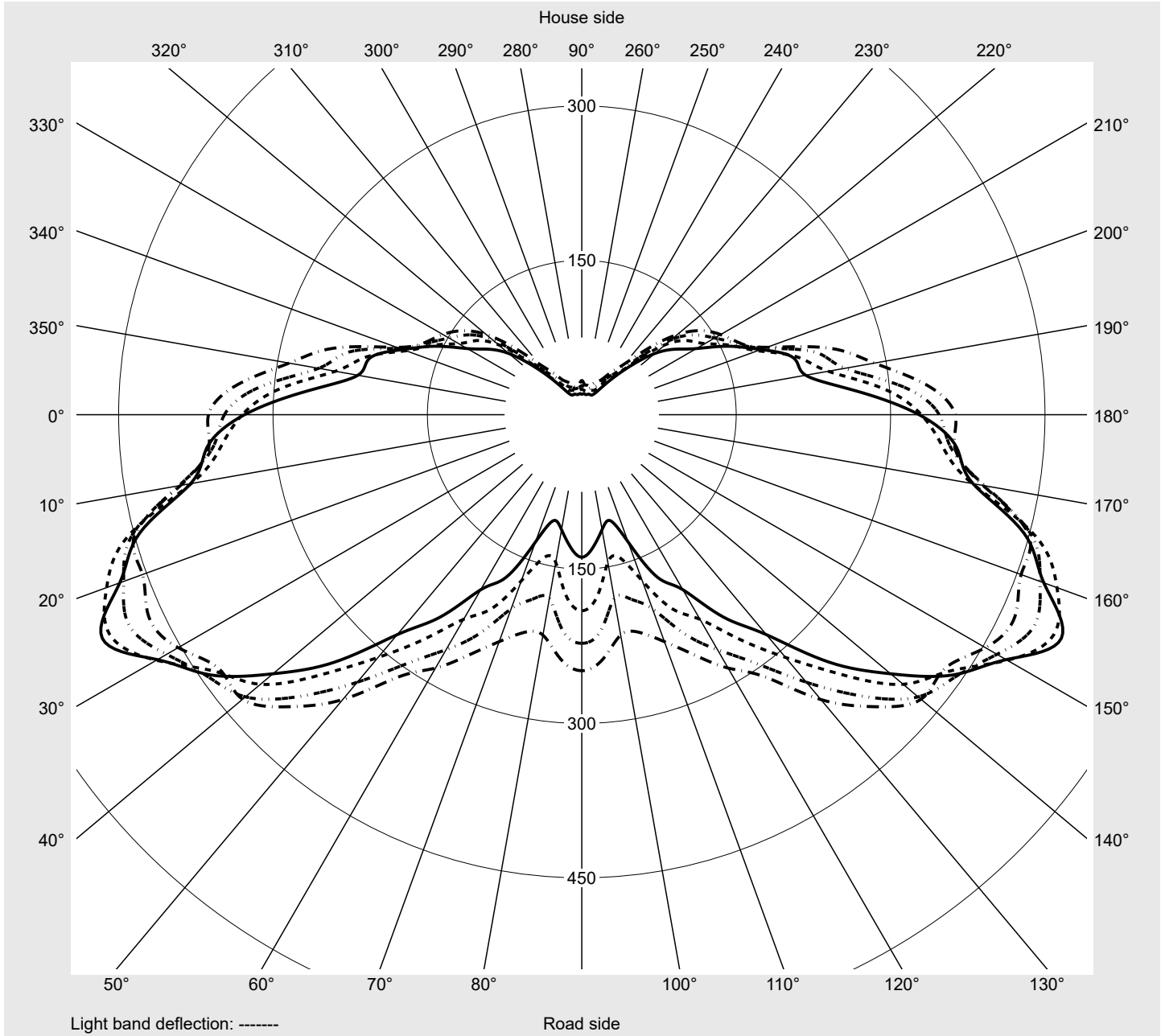
DIN EN 13032 and DIN 5032

#### Luminous intensity class acc. to EN13201-2

|           |       |
|-----------|-------|
| Class:    | G1    |
| Imax 70°  | 477.9 |
| Imax 80°  | 150.6 |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

Photometric test report

|                                                                                                                                  |                                                                     |                                           |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------|
| <div>Family</div> <div>Streetlight 11 mini LED</div>                                                                             | <div>Order number: 5XC2G51Y08HE</div> <div>EAN: 4058352919002</div> | <div>LP number</div> <div>58294_468</div> |
| <div>Envelope curve in cd/klm</div> <div> <div>KMK 62.5°</div> <div>KMK 60°</div> <div>KMK 57.5°</div> <div>KMK 55°</div> </div> |                                                                     |                                           |
| <div>siteco</div>                                                                                                                |                                                                     |                                           |



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|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 11 mini LED        | Order number: 5XC2G51Y08HE<br>EAN: 4058352919002 | LP number<br>58294_468     |
| Table of values for luminous intensities |                                                  | Maximum luminous intensity |
|                                          |                                                  | siteco                     |

| 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°     | 209.6                        | 209.6      | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       | 209.6       |
| 2,5°     | 205.6                        | 205.7      | 205.1       | 204.9       | 205.0       | 204.7       | 205.4       | 206.0       | 205.3       | 204.4       | 203.8       | 203.2       | 203.2       |
| 5,0°     | 200.6                        | 200.0      | 200.2       | 201.0       | 201.0       | 200.8       | 201.6       | 203.7       | 204.4       | 207.0       | 208.6       | 208.8       | 209.5       |
| 7,5°     | 204.1                        | 204.0      | 201.6       | 200.1       | 200.5       | 201.7       | 205.6       | 211.5       | 213.9       | 215.7       | 216.6       | 218.7       | 220.9       |
| 10,0°    | 207.6                        | 209.2      | 209.7       | 209.8       | 209.4       | 211.5       | 214.5       | 217.2       | 219.6       | 222.1       | 226.6       | 230.1       | 232.8       |
| 12,5°    | 207.3                        | 213.8      | 219.7       | 222.4       | 226.4       | 229.8       | 233.4       | 232.9       | 229.9       | 232.2       | 233.3       | 236.0       | 235.0       |
| 15,0°    | 199.0                        | 200.3      | 211.5       | 229.6       | 237.5       | 235.5       | 232.7       | 228.6       | 224.1       | 226.5       | 229.3       | 229.9       | 235.7       |
| 17,5°    | 190.4                        | 197.3      | 210.2       | 222.7       | 225.6       | 224.7       | 222.5       | 217.1       | 223.5       | 219.7       | 214.6       | 212.5       | 217.6       |
| 20,0°    | 196.1                        | 203.0      | 207.3       | 214.6       | 213.8       | 210.1       | 210.1       | 216.7       | 224.8       | 216.2       | 208.8       | 208.6       | 214.3       |
| 22,5°    | 204.7                        | 210.2      | 206.9       | 215.4       | 212.0       | 207.6       | 202.9       | 210.8       | 212.9       | 212.7       | 211.4       | 211.9       | 212.6       |
| 25,0°    | 201.2                        | 207.7      | 211.1       | 218.3       | 214.4       | 208.4       | 210.5       | 217.3       | 217.4       | 220.3       | 221.0       | 220.3       | 222.0       |
| 27,5°    | 210.0                        | 215.2      | 216.1       | 218.3       | 219.0       | 218.7       | 220.5       | 224.0       | 230.0       | 232.2       | 238.2       | 239.3       | 248.8       |
| 30,0°    | 224.2                        | 230.6      | 232.5       | 231.7       | 231.8       | 228.4       | 225.6       | 229.7       | 241.6       | 250.9       | 258.1       | 265.1       | 275.3       |
| 32,5°    | 236.4                        | 239.9      | 242.1       | 243.2       | 242.8       | 240.1       | 238.5       | 242.0       | 259.4       | 270.0       | 276.8       | 284.1       | 289.7       |
| 35,0°    | 266.1                        | 266.9      | 261.8       | 256.5       | 252.6       | 256.3       | 258.8       | 263.1       | 271.7       | 283.6       | 290.8       | 306.4       | 310.7       |
| 37,5°    | 285.6                        | 282.4      | 281.9       | 272.6       | 261.9       | 269.5       | 273.5       | 280.9       | 289.8       | 295.2       | 309.0       | 335.0       | 331.2       |
| 40,0°    | 307.8                        | 307.6      | 298.3       | 291.3       | 284.3       | 295.0       | 289.2       | 296.4       | 304.1       | 319.2       | 325.8       | 343.3       | 347.7       |
| 42,5°    | 334.2                        | 326.4      | 325.3       | 318.4       | 314.5       | 316.6       | 320.2       | 318.3       | 317.8       | 333.8       | 340.8       | 351.7       | 353.4       |
| 45,0°    | 349.9                        | 346.2      | 344.7       | 343.7       | 341.8       | 345.2       | 345.6       | 339.4       | 342.9       | 358.9       | 350.5       | 347.1       | 349.5       |
| 47,5°    | 356.8                        | 353.9      | 367.5       | 388.9       | 362.0       | 375.2       | 376.5       | 367.6       | 369.2       | 367.0       | 359.1       | 339.7       | 345.5       |
| 50,0°    | 361.1                        | 368.7      | 382.5       | 428.7       | 381.0       | 416.2       | 402.8       | 390.6       | 393.2       | 377.3       | 353.6       | 334.3       | 323.6       |
| 52,5°    | 359.6                        | 357.8      | 391.5       | 430.5       | 422.3       | 434.1       | 429.4       | 415.4       | 416.5       | 391.3       | 357.8       | 320.9       | 299.8       |
| 55,0°    | 362.7                        | 363.8      | 395.8       | 449.4       | 454.2       | 464.3       | 452.8       | 430.3       | 430.2       | 401.3       | 361.3       | 311.3       | 284.3       |
| 57,5°    | 347.2                        | 359.5      | 397.5       | 452.4       | 473.7       | 485.1       | 465.8       | 443.6       | 426.6       | 387.0       | 339.4       | 294.9       | 263.7       |
| 60,0°    | 329.9                        | 351.7      | 385.3       | 456.5       | 491.3       | 506.0       | 477.3       | 434.9       | 407.6       | 357.1       | 307.9       | 266.0       | 229.6       |
| 62,5°    | 327.7                        | 365.6      | 386.0       | 444.8       | 477.7       | 514.1       | 476.0       | 440.8       | 391.7       | 340.2       | 279.0       | 240.2       | 196.4       |
| 65,0°    | 342.5                        | 392.5      | 389.2       | 425.5       | 456.9       | 514.1       | 481.3       | 416.2       | 364.1       | 317.6       | 257.1       | 222.8       | 161.8       |
| 67,5°    | 362.5                        | 436.1      | 382.5       | 401.8       | 447.8       | 498.9       | 442.9       | 393.8       | 331.6       | 288.5       | 228.0       | 195.2       | 143.3       |
| 70,0°    | 357.4                        | 420.3      | 359.9       | 368.3       | 453.9       | 477.9       | 399.8       | 347.8       | 309.6       | 257.3       | 197.9       | 158.9       | 124.3       |
| 72,5°    | 280.3                        | 372.1      | 312.1       | 330.4       | 401.3       | 410.8       | 344.5       | 287.0       | 267.7       | 217.5       | 167.3       | 129.5       | 110.8       |
| 75,0°    | 237.1                        | 318.5      | 240.6       | 282.1       | 301.1       | 327.3       | 288.7       | 220.4       | 187.0       | 164.0       | 134.5       | 116.5       | 98.1        |
| 77,5°    | 158.0                        | 221.9      | 166.9       | 207.0       | 172.4       | 196.4       | 186.9       | 147.0       | 122.7       | 116.0       | 90.3        | 82.7        | 70.0        |
| 80,0°    | 150.6                        | 123.0      | 102.1       | 123.8       | 86.4        | 93.9        | 102.8       | 105.1       | 85.9        | 78.7        | 44.1        | 38.5        | 30.3        |
| 82,5°    | 120.2                        | 63.8       | 40.9        | 40.4        | 26.6        | 34.2        | 53.9        | 70.5        | 52.4        | 35.3        | 21.3        | 16.9        | 11.9        |
| 85,0°    | 49.4                         | 23.6       | 13.4        | 9.2         | 7.5         | 9.3         | 11.5        | 16.7        | 14.6        | 10.6        | 10.4        | 8.0         | 6.3         |
| 87,5°    | 11.8                         | 8.1        | 5.5         | 4.8         | 4.2         | 4.6         | 4.8         | 5.1         | 5.3         | 4.8         | 4.2         | 4.0         | 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         |

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|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 11 mini LED        | Order number: 5XC2G51Y08HE<br>EAN: 4058352919002 | LP number<br>58294_468     |
| Table of values for luminous intensities |                                                  | Maximum luminous intensity |
|                                          |                                                  | siteco                     |

| 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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ        | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 209.6                        | 209.6       | 209.6       | 209.6       | 209.6      | 209.6 | 209.6        | 209.6        | 209.6        | 209.6        | 209.6        | 209.6        | 209.6        |
| 2,5°     | 203.1                        | 203.0       | 204.6       | 205.3       | 206.0      | 206.9 | 205.5        | 206.6        | 207.7        | 208.7        | 209.5        | 210.3        | 210.8        |
| 5,0°     | 209.5                        | 210.0       | 210.5       | 212.3       | 214.2      | 213.9 | 201.5        | 202.7        | 202.5        | 204.3        | 208.1        | 208.4        | 207.5        |
| 7,5°     | 222.3                        | 225.1       | 226.3       | 226.7       | 226.6      | 225.1 | 204.0        | 203.4        | 204.4        | 205.7        | 208.7        | 211.2        | 210.9        |
| 10,0°    | 232.0                        | 231.2       | 232.4       | 233.6       | 235.5      | 238.6 | 202.7        | 201.4        | 201.3        | 202.7        | 202.3        | 202.6        | 205.2        |
| 12,5°    | 238.9                        | 241.7       | 245.2       | 248.7       | 252.4      | 251.4 | 199.3        | 198.0        | 192.9        | 190.6        | 189.2        | 189.1        | 189.2        |
| 15,0°    | 236.9                        | 243.3       | 249.4       | 258.1       | 262.3      | 266.4 | 194.4        | 191.9        | 184.6        | 178.8        | 169.3        | 164.2        | 160.6        |
| 17,5°    | 229.2                        | 238.9       | 247.9       | 257.1       | 263.7      | 267.5 | 189.4        | 185.9        | 180.3        | 171.1        | 156.3        | 143.4        | 139.0        |
| 20,0°    | 221.0                        | 231.2       | 243.0       | 255.2       | 265.6      | 268.8 | 191.0        | 182.0        | 174.2        | 167.5        | 155.8        | 140.7        | 134.8        |
| 22,5°    | 221.6                        | 232.4       | 245.3       | 250.3       | 249.5      | 245.8 | 191.4        | 178.6        | 167.4        | 160.1        | 155.3        | 142.5        | 129.7        |
| 25,0°    | 228.0                        | 237.5       | 241.9       | 238.9       | 237.8      | 230.6 | 192.1        | 174.4        | 168.7        | 155.9        | 147.8        | 139.9        | 126.5        |
| 27,5°    | 249.4                        | 250.2       | 249.0       | 248.4       | 241.2      | 240.7 | 196.6        | 184.1        | 170.0        | 160.9        | 149.5        | 137.1        | 126.3        |
| 30,0°    | 274.3                        | 269.2       | 254.3       | 256.1       | 254.8      | 258.3 | 216.4        | 204.4        | 186.6        | 170.7        | 153.1        | 139.5        | 127.1        |
| 32,5°    | 284.4                        | 271.3       | 265.0       | 270.9       | 265.3      | 259.0 | 230.9        | 220.2        | 200.6        | 179.6        | 162.9        | 143.3        | 130.1        |
| 35,0°    | 305.2                        | 293.7       | 290.6       | 292.2       | 285.6      | 283.0 | 265.8        | 250.6        | 220.5        | 193.1        | 171.9        | 150.0        | 132.3        |
| 37,5°    | 319.7                        | 309.7       | 294.0       | 286.7       | 287.8      | 296.0 | 285.3        | 272.2        | 235.5        | 205.4        | 177.1        | 150.4        | 133.1        |
| 40,0°    | 337.7                        | 321.9       | 291.1       | 275.9       | 284.7      | 301.7 | 313.3        | 292.7        | 247.2        | 217.3        | 183.8        | 151.3        | 139.1        |
| 42,5°    | 348.9                        | 316.1       | 291.3       | 275.9       | 286.3      | 289.4 | 326.8        | 308.0        | 255.6        | 226.7        | 185.4        | 155.6        | 143.3        |
| 45,0°    | 352.6                        | 315.7       | 285.9       | 274.4       | 284.0      | 283.7 | 347.3        | 328.5        | 269.4        | 236.2        | 179.4        | 168.9        | 149.4        |
| 47,5°    | 346.6                        | 306.7       | 270.7       | 272.1       | 287.2      | 286.8 | 361.2        | 325.8        | 276.9        | 229.4        | 176.2        | 172.7        | 157.7        |
| 50,0°    | 323.6                        | 284.0       | 254.7       | 255.4       | 280.5      | 271.1 | 358.8        | 318.5        | 269.0        | 216.6        | 172.8        | 169.4        | 157.1        |
| 52,5°    | 288.6                        | 264.3       | 237.6       | 247.2       | 255.4      | 262.4 | 346.6        | 305.4        | 258.6        | 200.4        | 165.8        | 161.9        | 149.4        |
| 55,0°    | 257.2                        | 234.7       | 219.2       | 217.5       | 238.2      | 248.8 | 335.7        | 288.7        | 249.7        | 191.5        | 167.0        | 155.8        | 142.3        |
| 57,5°    | 234.4                        | 200.7       | 185.7       | 181.4       | 210.8      | 222.2 | 313.1        | 259.6        | 234.8        | 188.7        | 164.8        | 149.0        | 135.2        |
| 60,0°    | 208.2                        | 171.9       | 144.2       | 145.7       | 176.3      | 190.5 | 293.5        | 243.1        | 216.8        | 181.7        | 159.6        | 138.1        | 125.5        |
| 62,5°    | 174.5                        | 131.7       | 106.6       | 113.4       | 128.8      | 138.5 | 266.9        | 220.9        | 213.1        | 185.2        | 157.4        | 128.5        | 111.0        |
| 65,0°    | 137.2                        | 94.0        | 76.8        | 79.0        | 87.3       | 81.9  | 252.2        | 222.4        | 206.5        | 180.2        | 146.4        | 119.0        | 100.4        |
| 67,5°    | 107.2                        | 66.9        | 52.5        | 43.4        | 43.5       | 43.9  | 242.0        | 221.7        | 206.9        | 161.7        | 123.0        | 99.6         | 85.2         |
| 70,0°    | 90.4                         | 52.1        | 32.8        | 21.8        | 21.0       | 21.8  | 214.0        | 256.9        | 208.7        | 129.3        | 97.7         | 80.3         | 74.0         |
| 72,5°    | 76.2                         | 30.7        | 18.8        | 12.2        | 11.0       | 10.5  | 204.4        | 243.7        | 153.8        | 99.0         | 76.8         | 61.5         | 58.7         |
| 75,0°    | 60.2                         | 19.9        | 12.8        | 9.5         | 8.5        | 8.3   | 180.0        | 179.3        | 126.0        | 89.8         | 71.5         | 57.5         | 49.9         |
| 77,5°    | 25.1                         | 13.9        | 9.2         | 7.5         | 7.0        | 6.6   | 142.6        | 126.0        | 117.7        | 76.6         | 60.8         | 52.4         | 41.5         |
| 80,0°    | 13.4                         | 9.4         | 6.7         | 5.7         | 5.4        | 5.4   | 107.1        | 124.7        | 99.0         | 59.9         | 47.4         | 45.6         | 27.2         |
| 82,5°    | 8.6                          | 6.4         | 4.8         | 4.1         | 4.1        | 4.3   | 61.7         | 98.1         | 69.3         | 43.9         | 35.9         | 33.0         | 21.7         |
| 85,0°    | 5.2                          | 4.0         | 3.0         | 2.6         | 2.2        | 2.2   | 35.4         | 45.5         | 27.0         | 19.3         | 18.2         | 15.9         | 11.8         |
| 87,5°    | 2.9                          | 2.2         | 1.6         | 1.3         | 1.0        | 1.0   | 11.6         | 11.8         | 8.3          | 5.6          | 5.7          | 5.8          | 3.8          |
| 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          |

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| Family<br>Streetlight 11 mini LED        |                              |              |              | Order number: 5XC2G51Y08HE<br>EAN: 4058352919002 |              |              |              |              |              |              |       | LP number<br>58294_468     |                   |        |  |
|------------------------------------------|------------------------------|--------------|--------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|--|
| Table of values for luminous intensities |                              |              |              |                                                  |              |              |              |              |              |              |       | Maximum luminous intensity |                   | siteco |  |
| 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°                                     | 209.6                        | 209.6        | 209.6        | 209.6                                            | 209.6        | 209.6        | 209.6        | 209.6        | 209.6        | 209.6        | 209.6 | 209.6                      | 0.3               | 0.3    |  |
| 2,5°                                     | 212.0                        | 213.1        | 214.4        | 216.5                                            | 219.1        | 220.0        | 220.3        | 220.4        | 221.1        | 221.3        | 220.8 | 220.8                      | 2.5               | 2.8    |  |
| 5,0°                                     | 207.3                        | 208.6        | 210.0        | 212.4                                            | 215.2        | 220.1        | 224.3        | 228.1        | 230.5        | 232.3        | 231.7 | 231.7                      | 5.0               | 7.8    |  |
| 7,5°                                     | 207.1                        | 207.6        | 207.9        | 208.0                                            | 210.6        | 214.3        | 217.8        | 219.4        | 220.6        | 222.9        | 222.3 | 222.3                      | 7.6               | 15.4   |  |
| 10,0°                                    | 201.9                        | 197.4        | 196.1        | 197.8                                            | 200.7        | 203.1        | 205.8        | 209.1        | 213.9        | 215.2        | 215.6 | 215.6                      | 10.1              | 25.6   |  |
| 12,5°                                    | 188.7                        | 186.8        | 187.2        | 188.9                                            | 189.0        | 192.0        | 194.9        | 202.2        | 202.9        | 199.9        | 198.5 | 198.5                      | 12.7              | 38.2   |  |
| 15,0°                                    | 163.2                        | 166.1        | 166.8        | 168.0                                            | 167.6        | 169.0        | 171.8        | 175.5        | 177.6        | 177.5        | 174.3 | 174.3                      | 14.5              | 52.7   |  |
| 17,5°                                    | 142.4                        | 145.3        | 148.6        | 146.6                                            | 142.2        | 141.3        | 142.5        | 140.5        | 139.6        | 141.9        | 145.2 | 145.2                      | 15.7              | 68.4   |  |
| 20,0°                                    | 132.1                        | 133.9        | 136.1        | 131.7                                            | 126.2        | 120.3        | 118.7        | 117.2        | 119.3        | 123.0        | 123.6 | 123.6                      | 17.1              | 85.4   |  |
| 22,5°                                    | 121.6                        | 123.3        | 127.5        | 122.6                                            | 117.2        | 111.3        | 108.1        | 104.4        | 104.1        | 105.1        | 108.4 | 108.4                      | 18.6              | 104.0  |  |
| 25,0°                                    | 116.4                        | 116.4        | 122.3        | 114.9                                            | 111.8        | 108.8        | 104.8        | 99.9         | 98.0         | 96.3         | 97.5  | 97.5                       | 20.4              | 124.4  |  |
| 27,5°                                    | 113.5                        | 110.4        | 106.0        | 104.2                                            | 104.7        | 100.3        | 99.3         | 95.7         | 92.3         | 93.2         | 93.9  | 93.9                       | 22.8              | 147.2  |  |
| 30,0°                                    | 118.2                        | 110.9        | 106.7        | 103.5                                            | 94.1         | 91.0         | 88.4         | 87.2         | 88.7         | 89.6         | 89.4  | 89.4                       | 25.8              | 173.0  |  |
| 32,5°                                    | 121.5                        | 114.0        | 109.5        | 100.2                                            | 88.8         | 83.6         | 80.0         | 80.0         | 84.3         | 86.3         | 87.0  | 87.0                       | 28.8              | 201.9  |  |
| 35,0°                                    | 128.0                        | 116.1        | 107.5        | 90.6                                             | 81.0         | 75.6         | 72.2         | 73.3         | 78.1         | 83.0         | 82.8  | 82.8                       | 32.7              | 234.6  |  |
| 37,5°                                    | 127.5                        | 116.2        | 104.9        | 90.3                                             | 73.2         | 71.2         | 67.5         | 68.7         | 74.1         | 79.7         | 80.7  | 80.7                       | 36.1              | 270.7  |  |
| 40,0°                                    | 131.4                        | 114.2        | 99.6         | 87.6                                             | 68.0         | 64.4         | 63.9         | 66.0         | 70.0         | 75.2         | 75.7  | 75.7                       | 39.6              | 310.3  |  |
| 42,5°                                    | 134.7                        | 114.2        | 96.0         | 77.4                                             | 69.2         | 62.4         | 60.4         | 61.5         | 65.2         | 69.3         | 72.3  | 72.3                       | 43.1              | 353.4  |  |
| 45,0°                                    | 137.7                        | 114.0        | 90.2         | 69.6                                             | 65.6         | 62.2         | 54.8         | 55.1         | 57.7         | 63.4         | 67.4  | 67.4                       | 46.5              | 400.0  |  |
| 47,5°                                    | 135.7                        | 108.6        | 82.1         | 66.4                                             | 62.0         | 58.8         | 49.4         | 45.7         | 48.7         | 56.3         | 60.7  | 60.7                       | 49.4              | 449.4  |  |
| 50,0°                                    | 128.4                        | 106.2        | 77.5         | 63.1                                             | 56.8         | 52.0         | 46.1         | 38.7         | 40.5         | 45.7         | 47.2  | 47.2                       | 51.3              | 500.6  |  |
| 52,5°                                    | 126.2                        | 101.8        | 73.6         | 57.3                                             | 47.5         | 43.0         | 38.5         | 34.1         | 34.3         | 36.5         | 39.1  | 39.1                       | 52.3              | 552.9  |  |
| 55,0°                                    | 121.3                        | 90.9         | 64.3         | 50.8                                             | 40.1         | 35.5         | 32.1         | 28.8         | 29.1         | 29.6         | 33.2  | 33.2                       | 53.2              | 606.0  |  |
| 57,5°                                    | 113.2                        | 77.9         | 54.8         | 44.2                                             | 35.4         | 30.0         | 28.4         | 26.1         | 26.1         | 26.7         | 28.2  | 28.2                       | 52.6              | 658.6  |  |
| 60,0°                                    | 105.8                        | 72.5         | 47.5         | 38.0                                             | 29.4         | 26.0         | 25.2         | 23.4         | 23.3         | 23.8         | 24.7  | 24.7                       | 51.0              | 709.6  |  |
| 62,5°                                    | 92.5                         | 67.2         | 45.6         | 30.4                                             | 23.1         | 21.1         | 21.2         | 20.4         | 20.0         | 20.6         | 19.9  | 19.9                       | 49.0              | 758.6  |  |
| 65,0°                                    | 79.4                         | 59.7         | 44.2         | 23.4                                             | 17.5         | 17.2         | 17.8         | 16.9         | 17.4         | 17.0         | 16.6  | 16.6                       | 46.9              | 805.5  |  |
| 67,5°                                    | 69.4                         | 52.0         | 33.4         | 16.8                                             | 12.4         | 12.9         | 14.2         | 13.4         | 14.0         | 14.0         | 13.3  | 13.3                       | 44.2              | 849.8  |  |
| 70,0°                                    | 61.2                         | 45.1         | 26.0         | 12.9                                             | 9.9          | 9.5          | 10.2         | 10.0         | 10.9         | 11.8         | 11.2  | 11.2                       | 41.0              | 890.8  |  |
| 72,5°                                    | 54.5                         | 37.0         | 17.5         | 9.7                                              | 7.6          | 7.4          | 7.3          | 7.4          | 7.9          | 9.1          | 8.6   | 8.6                        | 35.2              | 926.1  |  |
| 75,0°                                    | 37.2                         | 22.5         | 10.7         | 7.7                                              | 6.2          | 6.0          | 5.5          | 5.7          | 5.5          | 6.1          | 6.1   | 6.1                        | 28.7              | 954.8  |  |
| 77,5°                                    | 24.6                         | 13.7         | 8.0          | 6.1                                              | 4.8          | 4.3          | 4.0          | 3.9          | 3.0          | 2.8          | 2.6   | 2.6                        | 20.1              | 974.8  |  |
| 80,0°                                    | 17.5                         | 8.2          | 5.8          | 4.7                                              | 3.7          | 3.1          | 2.8          | 2.2          | 1.3          | 0.9          | 0.7   | 0.7                        | 13.3              | 988.1  |  |
| 82,5°                                    | 13.4                         | 6.6          | 4.4          | 3.5                                              | 2.9          | 2.2          | 1.8          | 1.6          | 0.9          | 0.4          | 0.5   | 0.5                        | 7.7               | 995.8  |  |
| 85,0°                                    | 6.1                          | 3.6          | 3.0          | 2.3                                              | 2.0          | 1.6          | 1.0          | 0.8          | 0.6          | 0.3          | 0.3   | 0.3                        | 3.1               | 998.9  |  |
| 87,5°                                    | 2.8                          | 2.2          | 1.6          | 1.3                                              | 1.1          | 0.9          | 0.7          | 0.6          | 0.4          | 0.3          | 0.3   | 0.3                        | 1.1               | 1000.0 |  |
| 90,0°                                    | 0.0                          | 0.0          | 0.0          | 0.0                                              | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                        | 0.0               | 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                        | 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                        | 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                        | 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                        | 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                        | 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                        | 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                        | 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                        | 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                        | 0.0               | 1000.0 |  |

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|                                                                        |                                                                |                                                                                     |
|------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Family</b><br><b>Streetlight 11 mini LED</b>                        | <b>Order number: 5XC2G51Y08HE</b><br><b>EAN: 4058352919002</b> | <b>LP number</b><br><b>58294_468</b>                                                |
| <b>Dimming levels table</b> <div>environmental temperature: 25°C</div> |                                                                |  |

| 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                       | 8240               | 56.5                                   | 58.6                                 | 57.6                         |
| 95                | 241                  | 252                       | 7818               | 53.1                                   | 55.0                                 | 54.0                         |
| 90                | 229                  | 250                       | 7429               | 50.1                                   | 51.9                                 | 51.0                         |
| 85                | 216                  | 248                       | 7007               | 46.8                                   | 48.5                                 | 47.6                         |
| 80                | 203                  | 246                       | 6586               | 43.7                                   | 45.3                                 | 44.5                         |
| 75                | 190                  | 243                       | 6164               | 40.6                                   | 42.0                                 | 41.3                         |
| 70                | 178                  | 241                       | 5774               | 37.8                                   | 39.1                                 | 38.4                         |
| 65                | 165                  | 238                       | 5353               | 34.9                                   | 36.0                                 | 35.4                         |
| 60                | 152                  | 235                       | 4931               | 32.0                                   | 33.0                                 | 32.5                         |
| 55                | 140                  | 232                       | 4542               | 29.3                                   | 30.3                                 | 29.8                         |
| 50                | 127                  | 229                       | 4120               | 26.5                                   | 27.4                                 | 27.0                         |
| 45                | 114                  | 225                       | 3698               | 23.7                                   | 24.5                                 | 24.1                         |
| 40                | 102                  | 221                       | 3309               | 21.2                                   | 21.9                                 | 21.5                         |
| 35                | 89                   | 216                       | 2887               | 18.6                                   | 19.2                                 | 18.9                         |
| 30                | 76                   | 210                       | 2466               | 16.0                                   | 16.6                                 | 16.3                         |
| 25                | 63                   | 203                       | 2044               | 13.5                                   | 13.9                                 | 13.7                         |
| 20                | 51                   | 195                       | 1654               | 11.1                                   | 11.5                                 | 11.3                         |
| 15                | 38                   | 184                       | 1233               | 8.6                                    | 8.8                                  | 8.7                          |
| 14                | 36                   | 182                       | 1168               | 8.2                                    | 8.4                                  | 8.3                          |