

## Photometric test report

**Family**  
Streetlight 31 micro toolless

**Order number: 5XH5D3BM08DA**  
**EAN: 4069025103383**

**LP number**  
**59076\_2485**



**Version** post-top or side-entry mounting, NEMA 7 pin (DALI) + Zhaga down  
**Optic** asymmetric, wide distribution (ST1.0a)  
**Cover** toughened safety glass  
**Lamps** LED 3000 K | CRI ≥ 70  
**Controlgear** ECG SITECO - Smart Interface  
**Rated values** Net luminous flux = 4940 lm  
 Power consumption = 37.7 W  
 Luminous efficacy = 131 lm/W

**serial**  
**documentation**  
18.04.2024

siteco

**Luminous intensity in cd/klm**

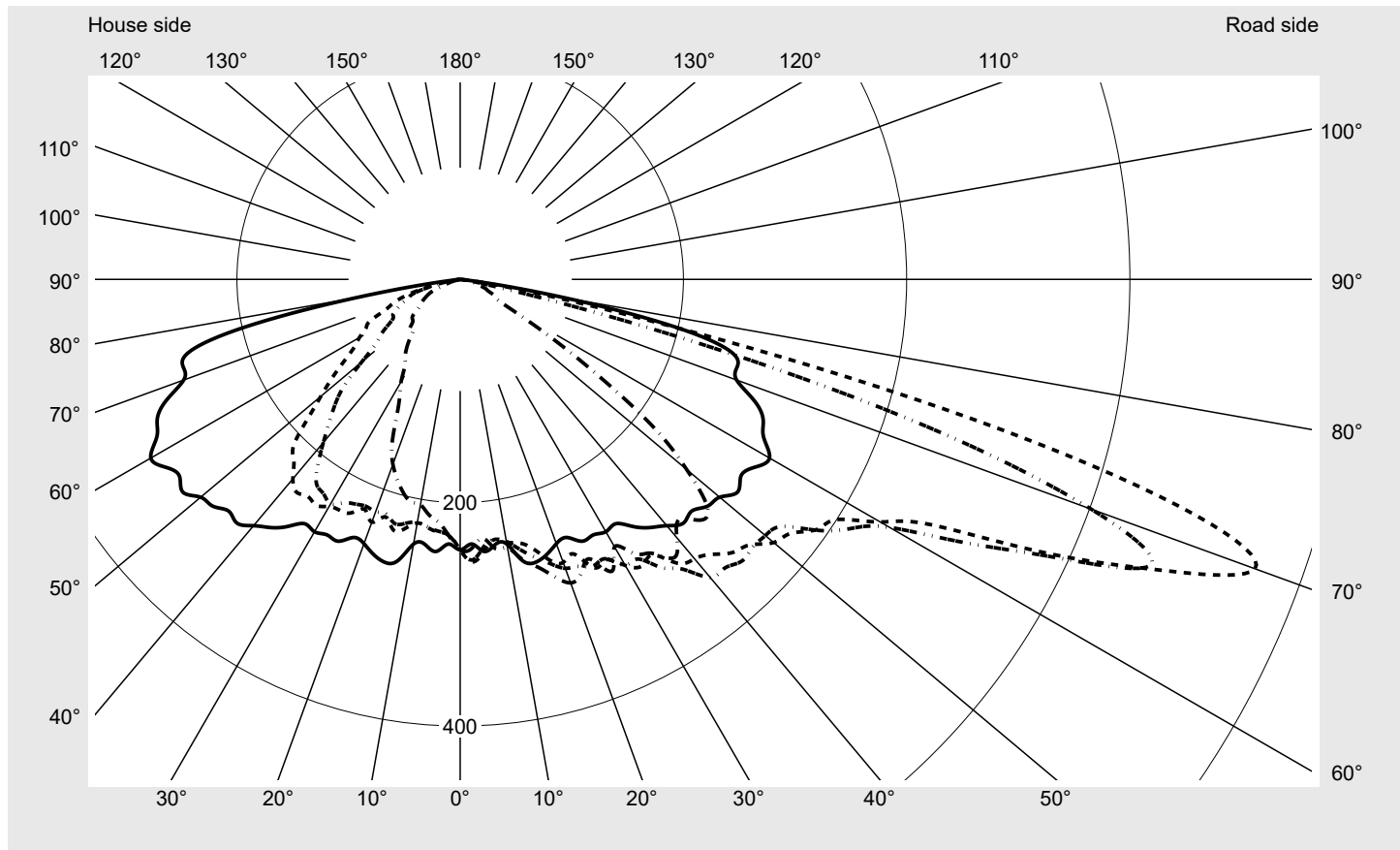
C180-0

C205-25

C210-30

C270-90

**Imax: 758 cd/klm**



### Luminaire output ratios

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

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

|           |       |
|-----------|-------|
| Class:    | G3    |
| Imax 70°  | 757.8 |
| Imax 80°  | 95.1  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

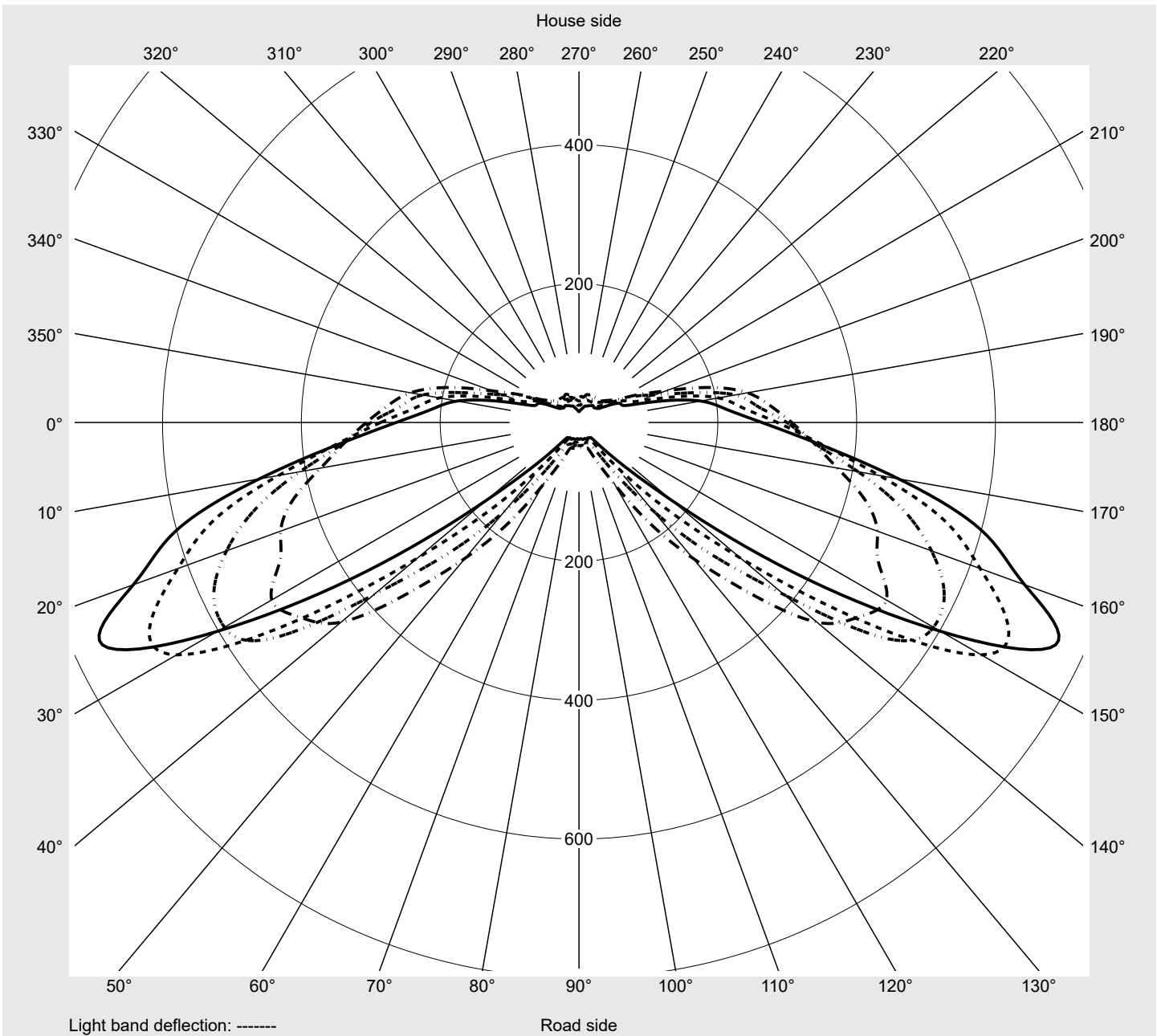
### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

|  |  |                                       |
|--|--|---------------------------------------|
| <b>Family</b><br>Streetlight 31 micro toolless | <b>Order number: 5XH5D3BM08DA</b><br><b>EAN: 4069025103383</b> | <b>LP number</b><br><b>59076_2485</b> |
|--|--|---------------------------------------|

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



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|---|--|---------------------------------------|
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| <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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 242.2                        | 242.2      | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       | 242.2       |
| 2,5°     | 237.2                        | 240.2      | 243.6       | 247.1       | 250.1       | 253.3       | 251.5       | 253.0       | 253.9       | 252.9       | 249.2       | 247.7       | 247.6       |
| 5,0°     | 244.6                        | 247.2      | 246.5       | 245.5       | 245.0       | 244.3       | 240.5       | 238.5       | 236.3       | 236.3       | 235.1       | 233.7       | 233.4       |
| 7,5°     | 239.7                        | 245.1      | 248.3       | 244.6       | 238.3       | 235.0       | 234.8       | 231.4       | 230.3       | 234.8       | 234.3       | 239.5       | 238.7       |
| 10,0°    | 240.7                        | 249.2      | 251.4       | 243.9       | 239.9       | 238.9       | 238.4       | 242.1       | 240.6       | 240.8       | 243.3       | 249.6       | 251.2       |
| 12,5°    | 258.0                        | 251.3      | 242.2       | 234.8       | 236.0       | 241.7       | 247.8       | 251.1       | 250.2       | 252.7       | 253.4       | 256.8       | 257.4       |
| 15,0°    | 262.2                        | 249.0      | 244.4       | 246.5       | 247.0       | 249.2       | 257.5       | 261.4       | 264.2       | 266.4       | 265.5       | 261.6       | 261.2       |
| 17,5°    | 258.3                        | 251.3      | 248.4       | 253.2       | 259.5       | 262.9       | 266.6       | 264.1       | 266.6       | 271.6       | 270.9       | 268.4       | 275.4       |
| 20,0°    | 251.9                        | 249.8      | 249.6       | 255.8       | 262.8       | 269.8       | 275.4       | 276.2       | 274.3       | 273.3       | 279.4       | 281.1       | 281.7       |
| 22,5°    | 250.2                        | 252.4      | 255.0       | 266.6       | 270.7       | 266.2       | 278.1       | 280.2       | 283.2       | 284.7       | 277.3       | 280.4       | 284.0       |
| 25,0°    | 258.8                        | 258.1      | 263.4       | 267.5       | 275.0       | 285.0       | 283.0       | 287.9       | 292.3       | 291.9       | 288.1       | 291.2       | 291.4       |
| 27,5°    | 258.1                        | 259.3      | 264.2       | 271.8       | 275.5       | 283.2       | 282.1       | 292.3       | 297.8       | 295.7       | 295.0       | 295.6       | 295.2       |
| 30,0°    | 261.0                        | 264.7      | 278.4       | 274.8       | 287.8       | 295.8       | 295.6       | 301.4       | 307.5       | 307.5       | 302.4       | 301.2       | 298.5       |
| 32,5°    | 259.5                        | 271.5      | 275.0       | 285.5       | 290.4       | 303.8       | 296.9       | 312.8       | 318.7       | 323.5       | 314.1       | 299.9       | 297.4       |
| 35,0°    | 270.2                        | 277.9      | 282.4       | 285.4       | 294.7       | 301.1       | 315.2       | 320.4       | 320.7       | 320.8       | 310.6       | 315.9       | 307.3       |
| 37,5°    | 280.1                        | 288.9      | 291.9       | 300.1       | 302.5       | 320.5       | 327.1       | 330.1       | 327.2       | 324.3       | 312.1       | 312.9       | 322.0       |
| 40,0°    | 288.0                        | 294.9      | 294.8       | 301.0       | 311.0       | 326.6       | 348.4       | 339.0       | 340.9       | 323.5       | 314.9       | 336.9       | 331.0       |
| 42,5°    | 296.1                        | 297.5      | 298.1       | 316.3       | 327.4       | 334.0       | 350.7       | 340.8       | 336.4       | 326.9       | 332.4       | 337.9       | 345.0       |
| 45,0°    | 293.4                        | 307.2      | 308.2       | 316.1       | 329.3       | 345.7       | 356.8       | 343.0       | 340.7       | 351.3       | 353.6       | 361.0       | 358.7       |
| 47,5°    | 300.6                        | 307.3      | 314.8       | 328.8       | 344.9       | 352.0       | 355.2       | 354.7       | 351.0       | 370.6       | 372.7       | 358.6       | 351.6       |
| 50,0°    | 303.5                        | 304.1      | 310.6       | 329.1       | 357.1       | 366.7       | 357.0       | 357.9       | 374.0       | 384.7       | 373.8       | 352.0       | 342.3       |
| 52,5°    | 313.1                        | 308.3      | 311.4       | 326.1       | 362.1       | 373.6       | 363.6       | 377.1       | 396.3       | 399.9       | 374.1       | 343.5       | 326.4       |
| 55,0°    | 307.1                        | 316.8      | 324.7       | 337.2       | 363.3       | 390.4       | 392.0       | 402.7       | 402.8       | 386.8       | 366.3       | 344.1       | 310.0       |
| 57,5°    | 313.1                        | 325.8      | 337.5       | 353.8       | 370.6       | 400.3       | 415.2       | 426.0       | 418.2       | 382.6       | 371.0       | 318.2       | 258.7       |
| 60,0°    | 320.0                        | 336.4      | 356.7       | 382.3       | 399.2       | 434.6       | 444.2       | 455.3       | 436.4       | 397.2       | 321.8       | 253.6       | 192.9       |
| 62,5°    | 306.5                        | 339.5      | 378.1       | 425.8       | 457.4       | 476.0       | 511.2       | 489.6       | 447.5       | 347.0       | 255.1       | 175.8       | 103.5       |
| 65,0°    | 299.6                        | 340.0      | 408.3       | 483.0       | 540.4       | 580.6       | 589.8       | 543.1       | 386.3       | 266.9       | 165.4       | 84.9        | 43.0        |
| 67,5°    | 285.8                        | 348.9      | 439.6       | 545.0       | 615.1       | 681.0       | 669.3       | 499.2       | 304.3       | 169.4       | 77.8        | 34.0        | 31.0        |
| 70,0°    | 263.6                        | 344.2      | 467.8       | 600.6       | 683.4       | 757.8       | 601.6       | 373.8       | 175.0       | 76.2        | 32.7        | 27.1        | 25.4        |
| 72,5°    | 260.2                        | 352.1      | 495.4       | 595.6       | 690.0       | 674.7       | 438.4       | 194.3       | 80.1        | 34.9        | 24.8        | 22.8        | 22.3        |
| 75,0°    | 251.4                        | 355.3      | 453.9       | 502.5       | 563.4       | 449.7       | 222.3       | 65.9        | 33.6        | 23.0        | 18.2        | 18.2        | 18.1        |
| 77,5°    | 197.9                        | 250.8      | 269.9       | 280.6       | 272.8       | 192.3       | 58.2        | 20.2        | 16.5        | 16.7        | 17.0        | 14.7        | 13.0        |
| 80,0°    | 95.1                         | 86.3       | 83.1        | 87.4        | 87.1        | 61.8        | 14.5        | 10.9        | 9.9         | 10.1        | 14.8        | 9.2         | 8.4         |
| 82,5°    | 19.9                         | 14.9       | 10.6        | 15.6        | 24.6        | 15.4        | 6.7         | 8.0         | 5.4         | 4.5         | 5.7         | 4.8         | 5.3         |
| 85,0°    | 1.2                          | 1.1        | 1.6         | 1.3         | 1.6         | 1.7         | 1.9         | 2.0         | 2.1         | 1.8         | 1.8         | 1.6         | 1.8         |
| 87,5°    | 0.3                          | 0.3        | 0.4         | 0.4         | 0.4         | 0.4         | 0.4         | 0.5         | 0.5         | 0.4         | 0.4         | 0.5         | 0.5         |
| 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         |

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| <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°     | 242.2                        | 242.2       | 242.2       | 242.2       | 242.2      | 242.2 | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        |
| 2,5°     | 246.5                        | 245.6       | 245.8       | 243.2       | 241.6      | 241.0 | 237.5        | 234.9        | 231.4        | 229.7        | 229.1        | 229.7        | 228.7        |
| 5,0°     | 231.5                        | 228.9       | 230.8       | 232.5       | 234.2      | 232.7 | 235.6        | 233.9        | 229.2        | 227.3        | 227.0        | 226.3        | 224.2        |
| 7,5°     | 238.9                        | 237.7       | 239.2       | 239.1       | 238.8      | 243.3 | 233.9        | 231.9        | 226.6        | 222.4        | 224.0        | 223.5        | 219.5        |
| 10,0°    | 251.1                        | 250.4       | 247.0       | 246.6       | 242.9      | 244.2 | 232.6        | 230.0        | 230.1        | 225.8        | 221.6        | 221.1        | 218.9        |
| 12,5°    | 255.3                        | 254.8       | 254.6       | 255.0       | 256.4      | 256.8 | 251.6        | 236.9        | 233.3        | 228.9        | 228.6        | 223.7        | 220.7        |
| 15,0°    | 261.0                        | 263.4       | 264.6       | 269.2       | 266.7      | 266.5 | 251.8        | 236.5        | 234.4        | 231.8        | 232.1        | 226.4        | 214.7        |
| 17,5°    | 273.5                        | 269.8       | 271.0       | 269.3       | 274.0      | 278.7 | 254.8        | 236.7        | 230.6        | 229.6        | 223.0        | 220.4        | 211.5        |
| 20,0°    | 277.0                        | 273.8       | 278.5       | 273.5       | 277.4      | 289.2 | 253.6        | 246.1        | 236.7        | 232.5        | 231.4        | 221.3        | 218.5        |
| 22,5°    | 283.3                        | 280.0       | 281.4       | 274.0       | 278.9      | 284.1 | 258.2        | 245.1        | 237.3        | 231.5        | 223.1        | 220.1        | 214.1        |
| 25,0°    | 291.6                        | 289.2       | 282.7       | 284.9       | 281.8      | 276.4 | 256.1        | 253.5        | 245.1        | 231.6        | 230.7        | 222.1        | 220.2        |
| 27,5°    | 291.0                        | 297.1       | 284.7       | 284.4       | 283.7      | 294.6 | 253.8        | 262.2        | 247.2        | 243.6        | 233.3        | 225.6        | 220.2        |
| 30,0°    | 299.4                        | 285.0       | 290.4       | 287.0       | 284.1      | 276.6 | 260.1        | 262.3        | 252.5        | 242.6        | 235.0        | 232.1        | 216.3        |
| 32,5°    | 303.1                        | 294.9       | 292.6       | 291.3       | 291.6      | 291.4 | 267.1        | 268.3        | 257.6        | 249.2        | 239.9        | 227.8        | 207.5        |
| 35,0°    | 305.6                        | 303.8       | 309.8       | 304.1       | 309.8      | 299.5 | 265.1        | 272.9        | 264.3        | 257.9        | 237.6        | 224.2        | 192.7        |
| 37,5°    | 327.6                        | 321.4       | 316.6       | 327.0       | 311.9      | 314.4 | 267.5        | 273.9        | 266.0        | 253.1        | 240.5        | 209.6        | 171.7        |
| 40,0°    | 335.6                        | 329.6       | 322.7       | 314.6       | 317.2      | 302.1 | 280.5        | 272.5        | 268.4        | 257.7        | 233.1        | 190.7        | 159.6        |
| 42,5°    | 344.1                        | 323.1       | 317.5       | 312.8       | 305.5      | 291.3 | 285.6        | 276.8        | 274.2        | 255.0        | 220.5        | 173.7        | 147.1        |
| 45,0°    | 334.8                        | 321.1       | 311.8       | 310.6       | 303.9      | 304.9 | 290.4        | 275.0        | 272.0        | 249.5        | 211.3        | 158.5        | 132.3        |
| 47,5°    | 329.8                        | 320.9       | 301.3       | 306.7       | 283.3      | 299.9 | 289.6        | 280.3        | 276.9        | 239.7        | 185.9        | 140.8        | 119.7        |
| 50,0°    | 322.5                        | 303.3       | 286.7       | 277.3       | 266.1      | 264.8 | 299.6        | 279.3        | 263.2        | 226.2        | 163.0        | 115.2        | 100.4        |
| 52,5°    | 304.5                        | 279.5       | 254.9       | 243.3       | 227.8      | 220.6 | 304.6        | 284.5        | 261.5        | 202.5        | 144.2        | 95.6         | 87.7         |
| 55,0°    | 271.9                        | 232.3       | 195.4       | 182.8       | 167.1      | 154.6 | 302.4        | 281.2        | 248.9        | 189.5        | 126.0        | 87.0         | 82.7         |
| 57,5°    | 205.3                        | 164.9       | 136.9       | 107.6       | 100.1      | 94.8  | 295.7        | 276.1        | 229.0        | 169.2        | 112.1        | 76.9         | 69.4         |
| 60,0°    | 135.3                        | 91.2        | 69.1        | 54.0        | 51.1       | 48.0  | 295.6        | 255.4        | 206.1        | 148.6        | 104.2        | 69.2         | 64.4         |
| 62,5°    | 63.8                         | 41.6        | 38.3        | 37.4        | 35.9       | 35.9  | 276.8        | 246.4        | 194.9        | 133.5        | 95.3         | 67.9         | 56.0         |
| 65,0°    | 34.8                         | 33.0        | 36.1        | 33.5        | 33.3       | 33.3  | 259.4        | 228.7        | 165.0        | 116.1        | 89.9         | 62.4         | 52.0         |
| 67,5°    | 28.3                         | 30.3        | 30.4        | 29.0        | 28.2       | 27.1  | 237.7        | 204.2        | 142.9        | 89.0         | 74.0         | 56.7         | 44.9         |
| 70,0°    | 26.6                         | 24.6        | 25.1        | 24.3        | 23.4       | 24.3  | 214.1        | 178.1        | 117.5        | 71.7         | 65.1         | 49.6         | 35.8         |
| 72,5°    | 20.9                         | 22.8        | 22.1        | 20.1        | 20.0       | 18.5  | 199.3        | 149.2        | 98.9         | 60.6         | 55.2         | 45.6         | 31.0         |
| 75,0°    | 18.0                         | 17.9        | 18.1        | 15.7        | 15.1       | 15.9  | 176.2        | 102.0        | 69.4         | 40.3         | 40.9         | 34.6         | 28.7         |
| 77,5°    | 14.2                         | 13.9        | 12.6        | 12.2        | 11.3       | 11.2  | 100.8        | 18.4         | 18.7         | 26.1         | 24.0         | 21.5         | 20.6         |
| 80,0°    | 9.5                          | 8.9         | 8.4         | 8.0         | 6.9        | 6.7   | 38.7         | 5.8          | 7.9          | 14.6         | 11.5         | 12.5         | 10.7         |
| 82,5°    | 4.7                          | 5.0         | 4.6         | 3.8         | 3.5        | 3.5   | 7.8          | 3.4          | 3.6          | 6.4          | 5.1          | 4.4          | 4.3          |
| 85,0°    | 2.1                          | 1.9         | 1.8         | 1.5         | 1.1        | 1.5   | 1.2          | 1.1          | 1.1          | 1.1          | 1.1          | 1.1          | 0.9          |
| 87,5°    | 0.4                          | 0.4         | 0.4         | 0.3         | 0.3        | 0.7   | 0.3          | 0.2          | 0.3          | 0.3          | 0.2          | 0.2          | 0.1          |
| 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          |

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| <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 |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------------------------|-------------------|
| $\gamma$ | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |       | Luminous flux in lm/klm |                   |
| 0,0°     | 242.2                        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2        | 242.2 | 0.4                     | 0.4               |
| 2,5°     | 228.8                        | 228.3        | 228.5        | 228.0        | 228.0        | 228.7        | 228.7        | 231.0        | 230.4        | 231.6        | 230.0 | 2.9                     | 3.2               |
| 5,0°     | 224.8                        | 225.1        | 221.3        | 223.3        | 220.3        | 219.6        | 217.9        | 216.2        | 216.4        | 215.3        | 218.6 | 5.5                     | 8.7               |
| 7,5°     | 220.9                        | 217.1        | 216.6        | 214.6        | 211.5        | 209.0        | 207.0        | 206.4        | 212.3        | 211.0        | 212.9 | 8.2                     | 16.9              |
| 10,0°    | 212.8                        | 212.3        | 211.5        | 209.7        | 207.2        | 204.3        | 201.1        | 201.2        | 202.8        | 204.7        | 205.0 | 10.9                    | 27.9              |
| 12,5°    | 217.1                        | 216.0        | 210.6        | 208.5        | 204.9        | 207.1        | 208.1        | 204.9        | 204.6        | 202.9        | 203.9 | 13.9                    | 41.8              |
| 15,0°    | 211.1                        | 211.6        | 209.7        | 208.3        | 208.4        | 199.1        | 197.1        | 199.6        | 201.2        | 197.7        | 197.5 | 16.9                    | 58.7              |
| 17,5°    | 211.3                        | 207.4        | 206.9        | 203.8        | 201.8        | 202.0        | 195.0        | 187.2        | 191.9        | 191.4        | 187.7 | 19.7                    | 78.4              |
| 20,0°    | 213.6                        | 205.7        | 202.9        | 195.4        | 190.5        | 187.5        | 184.4        | 179.4        | 172.2        | 171.5        | 176.2 | 22.5                    | 100.9             |
| 22,5°    | 212.9                        | 210.7        | 194.4        | 186.3        | 177.3        | 171.4        | 168.7        | 164.9        | 160.5        | 160.6        | 159.6 | 25.0                    | 125.9             |
| 25,0°    | 207.0                        | 196.3        | 186.3        | 173.2        | 173.2        | 166.6        | 162.4        | 151.7        | 148.3        | 140.9        | 134.3 | 27.8                    | 153.7             |
| 27,5°    | 205.7                        | 183.9        | 171.4        | 164.0        | 160.4        | 151.4        | 145.5        | 135.8        | 126.3        | 118.7        | 117.1 | 30.1                    | 183.8             |
| 30,0°    | 186.6                        | 174.1        | 167.0        | 162.4        | 148.6        | 139.7        | 122.7        | 116.4        | 109.9        | 107.3        | 105.9 | 32.6                    | 216.3             |
| 32,5°    | 175.3                        | 165.5        | 162.0        | 143.4        | 132.8        | 123.0        | 112.7        | 104.0        | 100.1        | 96.4         | 92.3  | 35.0                    | 251.3             |
| 35,0°    | 168.9                        | 162.9        | 151.7        | 132.5        | 123.6        | 110.4        | 102.5        | 95.4         | 88.8         | 88.3         | 86.2  | 37.5                    | 288.8             |
| 37,5°    | 154.1                        | 150.9        | 143.5        | 124.9        | 111.8        | 100.4        | 94.1         | 85.8         | 82.5         | 77.7         | 79.4  | 40.1                    | 328.9             |
| 40,0°    | 146.7                        | 143.1        | 129.9        | 114.4        | 102.6        | 93.9         | 81.3         | 76.5         | 72.4         | 72.8         | 70.8  | 42.4                    | 371.3             |
| 42,5°    | 142.1                        | 129.9        | 121.4        | 103.1        | 90.1         | 80.9         | 72.5         | 69.7         | 70.3         | 66.8         | 63.1  | 44.2                    | 415.5             |
| 45,0°    | 124.3                        | 119.9        | 105.6        | 93.4         | 78.6         | 73.7         | 68.4         | 68.6         | 64.0         | 63.1         | 64.5  | 46.2                    | 461.7             |
| 47,5°    | 112.2                        | 105.5        | 95.1         | 80.2         | 69.5         | 67.1         | 63.7         | 61.0         | 61.9         | 62.9         | 58.3  | 47.7                    | 509.4             |
| 50,0°    | 97.1                         | 86.2         | 81.0         | 69.9         | 65.2         | 62.2         | 59.9         | 57.5         | 58.2         | 56.9         | 55.7  | 48.2                    | 557.6             |
| 52,5°    | 81.4                         | 76.9         | 71.9         | 64.5         | 61.2         | 57.0         | 55.7         | 54.0         | 52.9         | 51.0         | 53.4  | 48.5                    | 606.2             |
| 55,0°    | 72.4                         | 66.4         | 64.2         | 58.5         | 55.6         | 52.3         | 52.1         | 49.6         | 48.4         | 46.8         | 46.3  | 47.9                    | 654.0             |
| 57,5°    | 63.8                         | 60.2         | 56.0         | 51.2         | 50.2         | 51.5         | 48.3         | 47.3         | 44.5         | 43.7         | 41.9  | 46.4                    | 700.4             |
| 60,0°    | 52.9                         | 50.5         | 50.6         | 46.0         | 48.1         | 46.5         | 47.5         | 42.4         | 40.8         | 41.6         | 38.9  | 44.7                    | 745.2             |
| 62,5°    | 49.0                         | 44.0         | 43.6         | 43.5         | 43.0         | 44.9         | 42.5         | 41.4         | 36.9         | 37.8         | 35.1  | 43.7                    | 788.8             |
| 65,0°    | 46.0                         | 41.2         | 39.4         | 40.3         | 38.3         | 37.3         | 38.4         | 37.2         | 34.9         | 32.2         | 31.0  | 43.4                    | 832.2             |
| 67,5°    | 36.6                         | 34.3         | 35.2         | 34.3         | 34.4         | 34.1         | 34.2         | 31.5         | 29.4         | 25.2         | 25.2  | 42.6                    | 874.8             |
| 70,0°    | 32.1                         | 30.4         | 31.6         | 29.6         | 27.9         | 26.0         | 25.2         | 21.7         | 19.5         | 17.0         | 15.7  | 39.8                    | 914.6             |
| 72,5°    | 26.7                         | 27.4         | 25.8         | 25.7         | 21.0         | 20.1         | 16.5         | 13.8         | 12.3         | 12.4         | 11.0  | 35.2                    | 949.9             |
| 75,0°    | 21.8                         | 21.8         | 21.8         | 20.0         | 15.4         | 14.0         | 12.0         | 9.0          | 7.9          | 7.7          | 7.0   | 27.3                    | 977.2             |
| 77,5°    | 15.9                         | 14.8         | 13.6         | 12.0         | 9.9          | 8.9          | 7.1          | 5.2          | 3.1          | 2.1          | 2.4   | 15.0                    | 992.2             |
| 80,0°    | 7.8                          | 7.4          | 6.6          | 6.1          | 5.8          | 5.3          | 3.8          | 2.4          | 1.3          | 0.7          | 1.0   | 5.8                     | 998.0             |
| 82,5°    | 3.2                          | 2.6          | 2.4          | 3.5          | 2.9          | 2.3          | 1.6          | 0.9          | 0.4          | 0.3          | 0.2   | 1.7                     | 999.6             |
| 85,0°    | 0.8                          | 0.6          | 0.6          | 0.5          | 0.4          | 0.4          | 0.3          | 0.2          | 0.1          | 0.0          | 0.1   | 0.3                     | 999.9             |
| 87,5°    | 0.1                          | 0.1          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                     | 1000.0            |
| 90,0°    | 0.0                          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                     | 1000.0            |

## Photometric test report

|  |  |                                       |
|--|--|---------------------------------------|
| <b>Family</b><br>Streetlight 31 micro toolless | <b>Order number: 5XH5D3BM08DA</b><br><b>EAN: 4069025103383</b> | <b>LP number</b><br><b>59076_2485</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] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 4940               | 37.7                  | 40.9                  | 39.3                  |
| 95              | 238                  | 252                       | 4699               | 35.3                  | 38.1                  | 36.7                  |
| 90              | 222                  | 249                       | 4448               | 32.7                  | 35.6                  | 34.2                  |
| 85              | 207                  | 247                       | 4205               | 30.4                  | 33.0                  | 31.7                  |
| 80              | 192                  | 244                       | 3955               | 28.1                  | 30.5                  | 29.3                  |
| 75              | 177                  | 241                       | 3697               | 25.8                  | 28.0                  | 26.9                  |
| 70              | 164                  | 238                       | 3466               | 23.9                  | 25.9                  | 24.9                  |
| 65              | 150                  | 235                       | 3211               | 21.9                  | 23.6                  | 22.8                  |
| 60              | 137                  | 231                       | 2967               | 20.1                  | 21.6                  | 20.8                  |
| 55              | 124                  | 228                       | 2719               | 18.1                  | 19.6                  | 18.8                  |
| 50              | 111                  | 224                       | 2462               | 16.3                  | 17.5                  | 16.9                  |
| 45              | 99                   | 219                       | 2220               | 14.5                  | 15.7                  | 15.1                  |
| 40              | 87                   | 215                       | 1973               | 12.9                  | 13.8                  | 13.4                  |
| 35              | 75                   | 209                       | 1721               | 11.2                  | 12.1                  | 11.6                  |
| 30              | 64                   | 204                       | 1485               | 9.6                   | 10.4                  | 10.0                  |
| 25              | 53                   | 197                       | 1243               | 8.1                   | 8.7                   | 8.4                   |
| 20              | 42                   | 188                       | 998                | 6.5                   | 7.0                   | 6.8                   |
| 15              | 31                   | 177                       | 748                | 5.1                   | 5.4                   | 5.2                   |
| 11              | 22                   | 164                       | 540                | 3.9                   | 4.1                   | 4.0                   |

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Dimming levels table</b> | environmental temperature: 5°C |
|-----------------------------|--------------------------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 5080               | 38.1                  | 41.4                  | 39.8                  |
| 95              | 238                  | 252                       | 4824               | 35.7                  | 38.6                  | 37.2                  |
| 90              | 223                  | 249                       | 4576               | 33.3                  | 36.1                  | 34.7                  |
| 85              | 208                  | 247                       | 4321               | 30.9                  | 33.6                  | 32.2                  |
| 80              | 193                  | 244                       | 4060               | 28.6                  | 31.0                  | 29.8                  |
| 75              | 179                  | 241                       | 3810               | 26.5                  | 28.7                  | 27.6                  |
| 70              | 165                  | 238                       | 3553               | 24.4                  | 26.4                  | 25.4                  |
| 65              | 152                  | 235                       | 3309               | 22.5                  | 24.3                  | 23.4                  |
| 60              | 138                  | 232                       | 3039               | 20.5                  | 22.1                  | 21.3                  |
| 55              | 126                  | 228                       | 2803               | 18.7                  | 20.2                  | 19.4                  |
| 50              | 113                  | 224                       | 2542               | 16.8                  | 18.1                  | 17.5                  |
| 45              | 101                  | 220                       | 2295               | 15.0                  | 16.2                  | 15.6                  |
| 40              | 88                   | 215                       | 2022               | 13.2                  | 14.2                  | 13.7                  |
| 35              | 77                   | 210                       | 1787               | 11.7                  | 12.5                  | 12.1                  |
| 30              | 65                   | 204                       | 1525               | 10.0                  | 10.6                  | 10.3                  |
| 25              | 54                   | 197                       | 1281               | 8.3                   | 9.0                   | 8.6                   |
| 20              | 42                   | 188                       | 1009               | 6.6                   | 7.1                   | 6.8                   |
| 15              | 31                   | 177                       | 756                | 5.1                   | 5.5                   | 5.3                   |
| 11              | 22                   | 164                       | 545                | 4.0                   | 4.2                   | 4.1                   |

## Photometric test report

|  |  |                                       |
|--|--|---------------------------------------|
| <b>Family</b><br>Streetlight 31 micro toolless | <b>Order number: 5XH5D3BM08DA</b><br><b>EAN: 4069025103383</b> | <b>LP number</b><br><b>59076_2485</b> |
|--|--|---------------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 15°C | <b>siteco</b> |
|-----------------------------|---------------------------------|---------------|

| 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                       | 5020               | 37.9                  | 41.2                  | 39.6                  |
| 95              | 238                  | 252                       | 4770               | 35.5                  | 38.3                  | 36.9                  |
| 90              | 222                  | 249                       | 4512               | 32.9                  | 35.8                  | 34.3                  |
| 85              | 207                  | 247                       | 4263               | 30.6                  | 33.2                  | 31.9                  |
| 80              | 193                  | 244                       | 4024               | 28.4                  | 30.9                  | 29.6                  |
| 75              | 178                  | 241                       | 3760               | 26.2                  | 28.3                  | 27.2                  |
| 70              | 164                  | 238                       | 3506               | 24.1                  | 26.0                  | 25.0                  |
| 65              | 151                  | 235                       | 3265               | 22.2                  | 24.0                  | 23.1                  |
| 60              | 138                  | 232                       | 3018               | 20.3                  | 22.0                  | 21.2                  |
| 55              | 125                  | 228                       | 2766               | 18.5                  | 19.9                  | 19.2                  |
| 50              | 112                  | 224                       | 2506               | 16.5                  | 17.9                  | 17.2                  |
| 45              | 100                  | 220                       | 2261               | 14.7                  | 15.9                  | 15.3                  |
| 40              | 88                   | 215                       | 2011               | 13.1                  | 14.1                  | 13.6                  |
| 35              | 76                   | 210                       | 1757               | 11.4                  | 12.2                  | 11.8                  |
| 30              | 64                   | 204                       | 1497               | 9.7                   | 10.4                  | 10.0                  |
| 25              | 53                   | 197                       | 1253               | 8.2                   | 8.7                   | 8.4                   |
| 20              | 42                   | 188                       | 1006               | 6.6                   | 7.0                   | 6.8                   |
| 15              | 31                   | 177                       | 753                | 5.1                   | 5.5                   | 5.3                   |
| 11              | 22                   | 164                       | 544                | 3.9                   | 4.2                   | 4.0                   |

**Photometric test report**

|  |  |                                       |
|--|--|---------------------------------------|
| <b>Family</b><br>Streetlight 31 micro toolless | <b>Order number: 5XH5D3BM08DA</b><br><b>EAN: 4069025103383</b> | <b>LP number</b><br><b>59076_2485</b> |
|--|--|---------------------------------------|

|                            |               |
|----------------------------|---------------|
| <b>Luminousfluxs table</b> | <b>siteco</b> |
|----------------------------|---------------|

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 4940.0              | 37.7                   |
| 5.0               | 5080.0              | 38.1                   |
| 15.0              | 5020.0              | 37.9                   |