

## Photometric test report

**Family**  
**Streetlight 21 midi LED**

**Order number: 5XE3E33S08NB**  
**EAN: 4058352728635**

**LP number**  
**59079\_107**



**Version** post-top or side-entry mounting, Smart Interface up

**Optic** asymmetric, wide distribution (STW1.0a G)

**Cover** toughened safety glass

**Lamps** LED 3000 K | CRI  $\geq$  70

**Controlgear** EVG-Smart Interface

**Rated values** Net luminous flux = 22700 lm  
Power consumption = 151.2 W  
Luminous efficacy = 150.1 lm/W

**serial**  
**documentation**  
**23.08.2022**

**sitEco**

**Luminous intensity in cd/klm**

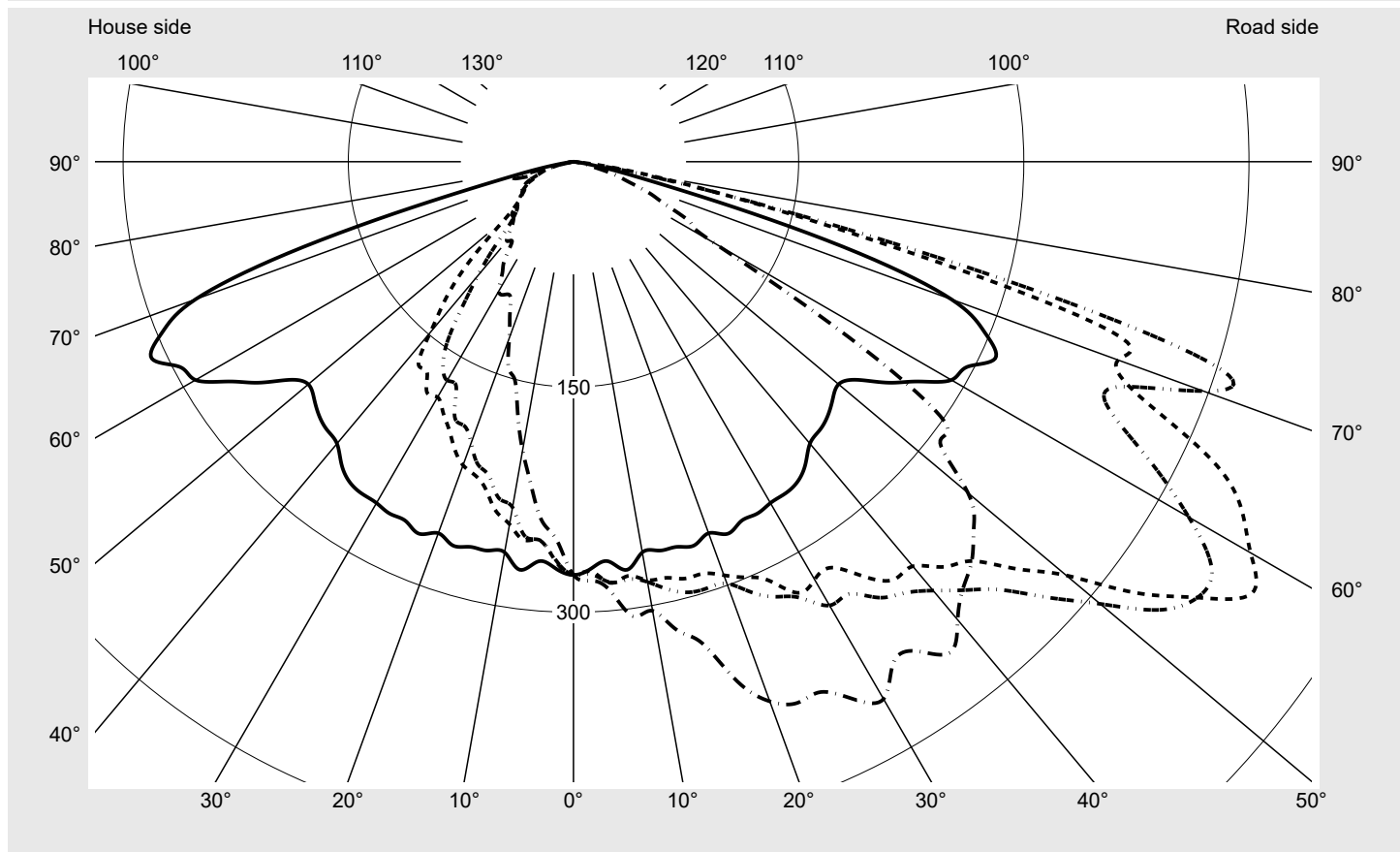
**C180-0**

**C200-20**

**C205-25**

**C270-90**

**Imax: 535 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:    | G4    |
| Imax 70°  | 486.3 |
| Imax 80°  | 49.2  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

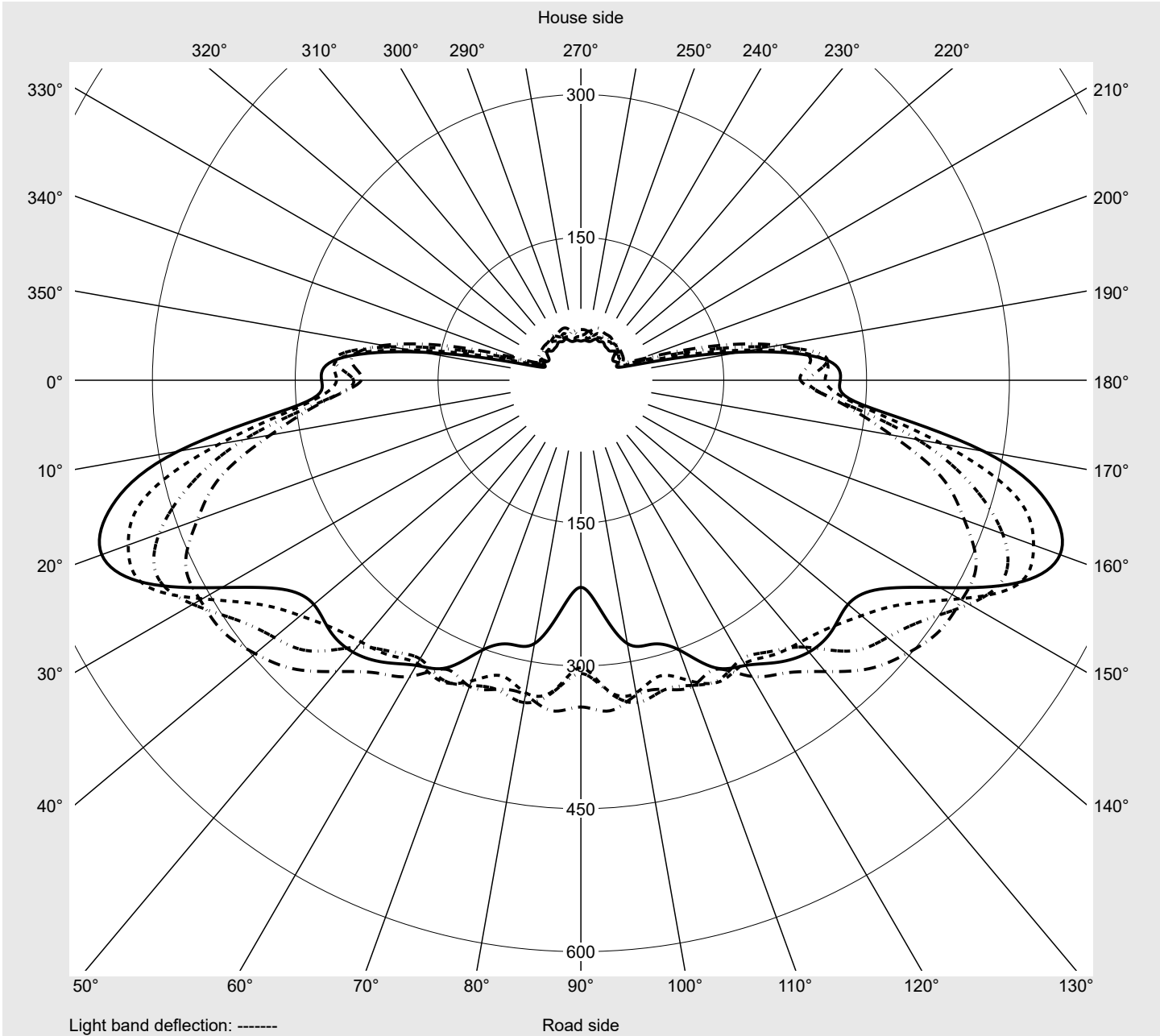
### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

|  |  |                               |
|--|--|-------------------------------|
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|--|--|-------------------------------|

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



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| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b> |
|   |  |                                   |

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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 275.2                        | 275.2      | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       | 275.2       |
| 2,5°     | 271.1                        | 272.6      | 274.2       | 272.4       | 273.1       | 275.0       | 271.7       | 272.5       | 277.2       | 276.0       | 276.0       | 276.0       | 273.8       |
| 5,0°     | 267.1                        | 272.9      | 275.2       | 280.1       | 281.5       | 281.2       | 280.8       | 282.7       | 283.1       | 284.1       | 282.6       | 285.7       | 289.7       |
| 7,5°     | 274.1                        | 279.0      | 277.5       | 278.4       | 278.2       | 280.5       | 282.2       | 280.1       | 280.7       | 279.4       | 280.1       | 282.2       | 287.0       |
| 10,0°    | 264.1                        | 267.7      | 274.1       | 281.5       | 282.9       | 284.1       | 284.6       | 289.0       | 288.4       | 289.8       | 289.4       | 296.1       | 298.5       |
| 12,5°    | 265.2                        | 273.1      | 281.9       | 286.0       | 283.8       | 291.7       | 297.8       | 297.4       | 299.9       | 302.2       | 305.4       | 304.8       | 305.6       |
| 15,0°    | 265.5                        | 268.6      | 273.1       | 278.4       | 287.3       | 296.8       | 296.7       | 300.7       | 302.2       | 302.6       | 306.1       | 317.4       | 327.7       |
| 17,5°    | 267.8                        | 273.0      | 278.7       | 286.4       | 287.5       | 297.6       | 312.8       | 307.7       | 310.5       | 319.9       | 331.7       | 332.0       | 337.4       |
| 20,0°    | 263.2                        | 276.0      | 283.2       | 285.6       | 293.0       | 298.9       | 314.1       | 316.9       | 322.0       | 337.8       | 350.9       | 349.4       | 357.5       |
| 22,5°    | 268.2                        | 277.3      | 286.1       | 293.7       | 299.5       | 310.4       | 324.4       | 326.9       | 342.4       | 343.6       | 356.1       | 369.0       | 375.1       |
| 25,0°    | 264.1                        | 279.2      | 290.5       | 304.6       | 307.6       | 319.6       | 332.9       | 339.3       | 354.0       | 370.6       | 376.6       | 388.5       | 394.7       |
| 27,5°    | 264.4                        | 278.9      | 292.5       | 301.1       | 323.7       | 327.4       | 350.6       | 352.7       | 365.4       | 382.4       | 390.1       | 396.0       | 398.1       |
| 30,0°    | 262.4                        | 282.1      | 299.4       | 304.0       | 321.3       | 341.2       | 351.9       | 364.5       | 376.7       | 390.8       | 402.8       | 403.1       | 399.6       |
| 32,5°    | 262.1                        | 278.2      | 296.7       | 315.0       | 320.5       | 341.4       | 361.3       | 372.4       | 390.8       | 396.6       | 408.5       | 414.4       | 410.7       |
| 35,0°    | 260.2                        | 274.8      | 293.4       | 320.6       | 337.1       | 354.3       | 370.4       | 374.9       | 395.6       | 416.3       | 417.7       | 425.9       | 434.6       |
| 37,5°    | 253.9                        | 269.5      | 301.7       | 327.7       | 350.7       | 362.0       | 373.6       | 396.8       | 412.7       | 434.7       | 432.1       | 435.0       | 433.6       |
| 40,0°    | 245.1                        | 278.1      | 306.0       | 330.0       | 351.7       | 372.8       | 391.4       | 402.6       | 422.5       | 443.3       | 435.7       | 438.1       | 439.9       |
| 42,5°    | 242.6                        | 268.1      | 310.3       | 337.6       | 365.9       | 386.9       | 401.8       | 431.6       | 446.3       | 442.4       | 453.9       | 429.3       | 424.6       |
| 45,0°    | 239.5                        | 273.8      | 302.3       | 342.4       | 376.0       | 403.2       | 431.8       | 441.1       | 452.0       | 463.2       | 443.3       | 420.5       | 405.7       |
| 47,5°    | 234.2                        | 273.4      | 316.7       | 354.5       | 401.5       | 429.6       | 443.6       | 448.8       | 453.7       | 445.8       | 421.4       | 404.1       | 379.3       |
| 50,0°    | 230.6                        | 273.9      | 331.1       | 391.8       | 428.6       | 458.0       | 461.6       | 459.4       | 446.6       | 428.3       | 399.3       | 375.2       | 359.2       |
| 52,5°    | 238.6                        | 277.2      | 359.1       | 425.0       | 471.4       | 490.3       | 470.6       | 439.6       | 420.2       | 402.0       | 365.9       | 347.7       | 337.9       |
| 55,0°    | 256.6                        | 291.5      | 385.6       | 473.5       | 505.9       | 506.7       | 459.0       | 410.7       | 384.7       | 368.1       | 358.8       | 352.1       | 343.4       |
| 57,5°    | 272.4                        | 297.3      | 429.5       | 509.8       | 535.5       | 504.1       | 435.4       | 382.6       | 366.2       | 372.5       | 372.6       | 361.5       | 345.8       |
| 60,0°    | 290.7                        | 312.9      | 440.7       | 516.1       | 520.9       | 473.3       | 391.3       | 379.2       | 399.9       | 420.5       | 391.2       | 362.4       | 336.3       |
| 62,5°    | 295.8                        | 319.6      | 438.3       | 511.2       | 501.8       | 433.9       | 373.9       | 424.8       | 468.3       | 466.9       | 396.4       | 312.7       | 244.7       |
| 65,0°    | 310.0                        | 306.1      | 414.0       | 482.8       | 468.6       | 395.4       | 406.6       | 503.6       | 507.9       | 477.9       | 351.8       | 231.9       | 136.1       |
| 67,5°    | 296.3                        | 284.8      | 343.3       | 418.8       | 408.3       | 391.9       | 456.6       | 515.0       | 519.3       | 406.7       | 244.9       | 142.9       | 85.5        |
| 70,0°    | 267.9                        | 221.9      | 267.0       | 347.6       | 386.2       | 446.6       | 482.2       | 486.3       | 474.1       | 299.8       | 141.0       | 105.2       | 59.3        |
| 72,5°    | 188.3                        | 130.0      | 180.7       | 283.4       | 375.3       | 444.0       | 418.1       | 427.9       | 352.8       | 173.7       | 109.3       | 73.5        | 42.6        |
| 75,0°    | 79.5                         | 49.5       | 103.3       | 171.0       | 226.3       | 273.0       | 234.3       | 258.1       | 188.4       | 90.8        | 79.5        | 53.3        | 28.4        |
| 77,5°    | 32.8                         | 26.1       | 45.5        | 68.8        | 109.2       | 112.3       | 72.0        | 72.0        | 64.4        | 51.6        | 54.2        | 38.7        | 20.2        |
| 80,0°    | 12.7                         | 11.2       | 13.8        | 29.0        | 49.2        | 38.8        | 18.1        | 12.1        | 17.2        | 27.4        | 33.2        | 21.4        | 13.7        |
| 82,5°    | 3.2                          | 2.9        | 2.9         | 5.3         | 16.4        | 9.5         | 4.8         | 5.8         | 4.2         | 4.2         | 8.1         | 8.7         | 8.6         |
| 85,0°    | 1.0                          | 0.7        | 1.0         | 1.2         | 1.0         | 1.3         | 1.2         | 1.3         | 1.3         | 1.2         | 1.1         | 1.3         | 1.4         |
| 87,5°    | 0.2                          | 0.3        | 0.3         | 0.2         | 0.3         | 0.2         | 0.2         | 0.1         | 0.1         | 0.2         | 0.3         | 0.1         | 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>    |

**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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 275.2                        | 275.2       | 275.2       | 275.2       | 275.2      | 275.2 | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        |
| 2,5°     | 275.4                        | 276.4       | 275.8       | 278.7       | 278.6      | 279.2 | 271.9        | 270.2        | 267.9        | 266.6        | 265.7        | 265.4        | 263.3        |
| 5,0°     | 286.6                        | 286.7       | 285.9       | 286.3       | 284.1      | 287.4 | 264.7        | 262.8        | 256.2        | 253.3        | 253.1        | 251.8        | 249.4        |
| 7,5°     | 296.6                        | 297.2       | 303.1       | 302.6       | 302.8      | 305.2 | 270.5        | 262.1        | 259.5        | 254.0        | 251.0        | 248.1        | 242.3        |
| 10,0°    | 301.8                        | 296.6       | 299.1       | 304.9       | 306.9      | 303.6 | 259.4        | 258.2        | 251.7        | 245.1        | 233.7        | 230.0        | 225.1        |
| 12,5°    | 309.7                        | 314.4       | 316.9       | 312.5       | 316.6      | 319.6 | 255.9        | 247.6        | 242.0        | 238.3        | 229.5        | 217.0        | 207.4        |
| 15,0°    | 330.0                        | 333.2       | 335.6       | 336.4       | 331.8      | 332.1 | 257.5        | 245.9        | 237.1        | 225.7        | 216.8        | 209.9        | 200.7        |
| 17,5°    | 340.4                        | 350.7       | 346.9       | 351.7       | 356.5      | 362.7 | 255.8        | 243.9        | 231.9        | 218.7        | 211.5        | 199.8        | 188.0        |
| 20,0°    | 362.8                        | 363.2       | 373.1       | 382.4       | 380.6      | 382.4 | 252.3        | 241.2        | 228.1        | 215.1        | 199.2        | 189.6        | 172.4        |
| 22,5°    | 387.9                        | 383.3       | 388.4       | 391.7       | 392.5      | 390.0 | 253.3        | 235.4        | 220.1        | 206.9        | 190.3        | 176.2        | 163.6        |
| 25,0°    | 395.3                        | 398.5       | 402.1       | 400.7       | 402.0      | 389.6 | 250.3        | 227.6        | 210.8        | 196.3        | 187.2        | 166.5        | 152.4        |
| 27,5°    | 401.7                        | 407.5       | 403.6       | 409.3       | 400.9      | 403.3 | 260.7        | 230.3        | 210.7        | 188.2        | 169.1        | 157.2        | 146.2        |
| 30,0°    | 413.5                        | 413.1       | 416.0       | 405.9       | 412.5      | 413.1 | 252.2        | 228.6        | 208.9        | 181.1        | 168.2        | 150.9        | 126.5        |
| 32,5°    | 416.5                        | 415.7       | 415.4       | 407.1       | 400.4      | 396.3 | 250.2        | 222.7        | 203.8        | 181.8        | 161.7        | 133.9        | 105.2        |
| 35,0°    | 424.4                        | 420.6       | 411.8       | 403.2       | 413.5      | 397.8 | 239.8        | 214.2        | 199.1        | 170.3        | 146.6        | 110.2        | 83.9         |
| 37,5°    | 425.9                        | 417.6       | 417.5       | 409.3       | 406.8      | 412.1 | 226.9        | 213.4        | 196.8        | 169.6        | 121.4        | 85.3         | 67.5         |
| 40,0°    | 424.1                        | 425.5       | 404.9       | 403.6       | 392.5      | 398.2 | 225.0        | 212.7        | 194.7        | 148.3        | 99.2         | 71.0         | 64.3         |
| 42,5°    | 423.2                        | 393.4       | 395.9       | 380.3       | 376.0      | 384.5 | 217.5        | 213.5        | 183.3        | 128.6        | 79.8         | 58.6         | 62.0         |
| 45,0°    | 389.6                        | 380.7       | 368.6       | 371.4       | 374.3      | 375.4 | 224.9        | 214.4        | 166.7        | 108.0        | 62.0         | 58.1         | 54.8         |
| 47,5°    | 370.2                        | 345.8       | 351.5       | 356.1       | 365.4      | 361.7 | 224.3        | 217.2        | 151.3        | 82.7         | 53.5         | 53.3         | 57.7         |
| 50,0°    | 334.9                        | 342.1       | 336.0       | 335.7       | 348.4      | 343.1 | 242.2        | 210.6        | 134.8        | 60.0         | 49.0         | 50.8         | 51.6         |
| 52,5°    | 346.2                        | 341.0       | 336.8       | 343.7       | 328.2      | 308.0 | 259.4        | 202.0        | 112.3        | 49.3         | 46.8         | 46.3         | 48.4         |
| 55,0°    | 348.5                        | 336.1       | 321.4       | 333.3       | 327.1      | 301.8 | 255.3        | 183.3        | 89.9         | 43.5         | 43.5         | 43.4         | 45.5         |
| 57,5°    | 333.1                        | 301.4       | 287.0       | 280.8       | 243.0      | 217.5 | 256.1        | 169.8        | 70.2         | 40.4         | 42.6         | 39.9         | 41.4         |
| 60,0°    | 279.1                        | 240.3       | 177.8       | 140.7       | 115.6      | 108.0 | 237.5        | 150.4        | 54.0         | 37.7         | 41.5         | 39.6         | 41.3         |
| 62,5°    | 178.1                        | 124.1       | 98.0        | 100.8       | 85.8       | 88.1  | 239.1        | 140.0        | 43.7         | 36.8         | 36.2         | 37.1         | 37.9         |
| 65,0°    | 99.1                         | 83.2        | 78.4        | 82.9        | 69.1       | 68.0  | 241.7        | 135.3        | 46.2         | 32.9         | 35.4         | 35.4         | 34.2         |
| 67,5°    | 67.6                         | 65.4        | 58.0        | 59.1        | 52.8       | 55.0  | 240.2        | 129.6        | 40.5         | 27.7         | 30.8         | 32.7         | 30.2         |
| 70,0°    | 54.9                         | 49.1        | 44.3        | 41.8        | 38.6       | 38.8  | 219.4        | 108.6        | 29.5         | 25.1         | 24.9         | 26.1         | 25.9         |
| 72,5°    | 37.5                         | 35.8        | 30.6        | 29.5        | 27.8       | 29.1  | 182.7        | 84.2         | 24.7         | 21.6         | 21.1         | 20.7         | 20.3         |
| 75,0°    | 27.1                         | 24.4        | 19.7        | 18.6        | 15.6       | 14.7  | 95.9         | 46.9         | 22.2         | 15.0         | 16.2         | 15.3         | 14.5         |
| 77,5°    | 16.0                         | 13.2        | 12.0        | 10.3        | 11.8       | 9.8   | 39.9         | 12.4         | 10.7         | 9.4          | 9.8          | 10.7         | 10.3         |
| 80,0°    | 9.9                          | 6.2         | 5.3         | 5.1         | 4.8        | 4.8   | 13.7         | 6.5          | 4.8          | 4.8          | 4.6          | 5.9          | 6.2          |
| 82,5°    | 3.9                          | 2.2         | 1.7         | 1.8         | 1.9        | 1.6   | 2.3          | 2.3          | 2.4          | 2.4          | 2.2          | 2.5          | 3.4          |
| 85,0°    | 0.8                          | 0.3         | 0.5         | 0.4         | 0.5        | 0.7   | 1.0          | 0.7          | 0.8          | 0.7          | 0.7          | 0.8          | 0.6          |
| 87,5°    | 0.1                          | 0.2         | 0.2         | 0.1         | 0.1        | 0.1   | 0.1          | 0.1          | 0.2          | 0.1          | 0.1          | 0.1          | 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°     | 275.2                        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2        | 275.2 | 0.4                     | 0.4               |
| 2,5°     | 260.8                        | 259.8        | 256.9        | 253.8        | 251.0        | 252.2        | 251.9        | 249.9        | 250.5        | 250.2        | 252.4 | 3.2                     | 3.6               |
| 5,0°     | 248.3                        | 248.0        | 247.6        | 244.7        | 243.8        | 240.8        | 239.7        | 238.1        | 240.3        | 238.3        | 240.2 | 6.3                     | 10.0              |
| 7,5°     | 237.6                        | 230.9        | 229.2        | 228.6        | 224.8        | 222.0        | 219.4        | 218.6        | 215.7        | 216.7        | 216.9 | 9.4                     | 19.3              |
| 10,0°    | 221.3                        | 214.6        | 208.2        | 202.9        | 198.7        | 198.8        | 199.0        | 198.0        | 198.2        | 198.1        | 195.2 | 12.2                    | 31.5              |
| 12,5°    | 203.7                        | 196.8        | 192.2        | 183.7        | 183.6        | 182.0        | 181.0        | 176.7        | 174.1        | 172.2        | 171.5 | 15.0                    | 46.5              |
| 15,0°    | 186.5                        | 178.0        | 176.2        | 169.6        | 166.7        | 160.1        | 155.8        | 154.1        | 151.7        | 150.9        | 150.6 | 17.7                    | 64.2              |
| 17,5°    | 176.1                        | 167.1        | 157.8        | 153.5        | 148.4        | 147.6        | 144.8        | 144.9        | 145.1        | 146.7        | 143.8 | 20.7                    | 84.8              |
| 20,0°    | 164.3                        | 155.9        | 149.9        | 146.2        | 140.9        | 137.2        | 131.6        | 130.4        | 128.3        | 126.9        | 124.9 | 23.6                    | 108.5             |
| 22,5°    | 154.2                        | 146.7        | 140.2        | 130.7        | 122.7        | 116.4        | 112.1        | 109.0        | 111.6        | 108.2        | 110.7 | 26.4                    | 134.9             |
| 25,0°    | 142.1                        | 130.1        | 120.6        | 106.7        | 103.3        | 95.5         | 98.8         | 96.4         | 97.5         | 97.4         | 99.3  | 29.1                    | 164.0             |
| 27,5°    | 123.7                        | 109.6        | 92.1         | 90.5         | 86.8         | 87.4         | 88.0         | 94.3         | 96.2         | 99.4         | 99.8  | 31.7                    | 195.7             |
| 30,0°    | 104.3                        | 88.4         | 83.4         | 81.7         | 84.9         | 91.2         | 91.8         | 95.1         | 93.2         | 95.8         | 99.4  | 34.4                    | 230.1             |
| 32,5°    | 81.6                         | 73.6         | 73.0         | 73.4         | 77.3         | 81.3         | 81.6         | 84.1         | 86.0         | 82.6         | 88.3  | 36.5                    | 266.6             |
| 35,0°    | 69.6                         | 66.2         | 65.4         | 69.0         | 64.3         | 66.1         | 67.8         | 70.2         | 73.5         | 73.0         | 80.2  | 38.6                    | 305.2             |
| 37,5°    | 70.3                         | 69.8         | 68.3         | 63.8         | 63.8         | 59.8         | 62.3         | 66.0         | 64.0         | 64.6         | 67.3  | 41.0                    | 346.2             |
| 40,0°    | 65.5                         | 66.3         | 67.3         | 63.3         | 62.7         | 67.0         | 69.6         | 69.2         | 66.5         | 65.0         | 68.9  | 43.2                    | 389.4             |
| 42,5°    | 64.0                         | 62.1         | 68.3         | 59.5         | 72.1         | 75.8         | 71.4         | 68.4         | 64.4         | 63.6         | 62.6  | 45.0                    | 434.4             |
| 45,0°    | 58.5                         | 58.8         | 65.2         | 59.8         | 62.5         | 64.7         | 64.0         | 60.4         | 60.0         | 57.6         | 57.0  | 46.3                    | 480.6             |
| 47,5°    | 53.8                         | 57.1         | 57.5         | 58.4         | 56.9         | 59.5         | 56.5         | 57.2         | 57.7         | 57.2         | 54.4  | 47.2                    | 527.9             |
| 50,0°    | 52.4                         | 52.7         | 52.9         | 54.9         | 55.1         | 55.6         | 57.4         | 56.4         | 52.2         | 52.9         | 53.2  | 48.3                    | 576.2             |
| 52,5°    | 50.2                         | 51.8         | 51.5         | 52.5         | 53.4         | 50.3         | 52.2         | 48.7         | 52.1         | 48.7         | 47.6  | 49.5                    | 625.7             |
| 55,0°    | 47.0                         | 47.2         | 50.2         | 49.9         | 48.0         | 48.9         | 47.8         | 47.7         | 44.7         | 45.8         | 45.7  | 50.6                    | 676.3             |
| 57,5°    | 46.6                         | 43.4         | 43.3         | 44.0         | 46.3         | 44.9         | 46.0         | 42.7         | 41.6         | 42.0         | 41.1  | 50.5                    | 726.8             |
| 60,0°    | 39.7                         | 40.8         | 39.5         | 40.4         | 40.2         | 41.0         | 40.9         | 42.6         | 41.2         | 41.2         | 39.3  | 48.0                    | 774.8             |
| 62,5°    | 36.9                         | 38.6         | 35.2         | 36.9         | 36.9         | 36.9         | 37.6         | 37.2         | 37.3         | 37.5         | 36.1  | 45.8                    | 820.6             |
| 65,0°    | 33.7                         | 36.6         | 36.0         | 30.8         | 34.2         | 31.7         | 33.6         | 34.0         | 34.8         | 34.2         | 33.8  | 43.9                    | 864.4             |
| 67,5°    | 30.7                         | 30.9         | 31.1         | 30.5         | 30.9         | 30.4         | 30.0         | 32.6         | 33.0         | 32.5         | 32.0  | 40.1                    | 904.6             |
| 70,0°    | 24.9                         | 27.9         | 27.6         | 27.1         | 28.7         | 24.9         | 27.3         | 28.1         | 30.3         | 29.7         | 29.0  | 35.7                    | 940.2             |
| 72,5°    | 20.6                         | 22.8         | 23.9         | 24.1         | 24.1         | 24.0         | 23.7         | 24.0         | 28.1         | 31.5         | 34.3  | 29.2                    | 969.4             |
| 75,0°    | 16.2                         | 18.4         | 21.1         | 21.3         | 20.4         | 20.7         | 19.2         | 19.2         | 26.6         | 34.8         | 38.2  | 17.7                    | 987.1             |
| 77,5°    | 10.5                         | 11.5         | 15.4         | 16.1         | 16.5         | 15.0         | 14.2         | 12.3         | 12.7         | 7.0          | 5.2   | 8.0                     | 995.1             |
| 80,0°    | 7.0                          | 7.3          | 9.5          | 11.3         | 13.1         | 11.1         | 7.6          | 9.0          | 5.4          | 1.0          | 1.0   | 3.5                     | 998.6             |
| 82,5°    | 3.1                          | 4.6          | 5.5          | 6.4          | 6.3          | 4.6          | 4.5          | 3.8          | 1.9          | 0.6          | 0.3   | 1.2                     | 999.7             |
| 85,0°    | 0.9                          | 0.9          | 0.9          | 1.0          | 0.9          | 0.8          | 0.7          | 0.7          | 0.2          | 0.1          | 0.0   | 0.2                     | 1000.0            |
| 87,5°    | 0.1                          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                     | 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

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| <b>Family</b><br>Streetlight 21 midi LED | <b>Order number: 5XE3E33S08NB</b><br><b>EAN: 4058352728635</b> | <b>LP number</b><br>59079_107 |
|--|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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                       | 22700              | 151.2                                   | 156.8                                 | 154.0                         |
| 95              | 239                  | 252                       | 21594              | 142.3                                   | 147.4                                 | 144.9                         |
| 90              | 224                  | 249                       | 20452              | 133.3                                   | 138.2                                 | 135.8                         |
| 85              | 209                  | 247                       | 19286              | 124.5                                   | 128.9                                 | 126.7                         |
| 80              | 195                  | 244                       | 18166              | 116.2                                   | 120.3                                 | 118.2                         |
| 75              | 181                  | 242                       | 17017              | 107.9                                   | 111.7                                 | 109.8                         |
| 70              | 168                  | 239                       | 15932              | 100.4                                   | 103.8                                 | 102.1                         |
| 65              | 154                  | 236                       | 14747              | 92.2                                    | 95.5                                  | 93.8                          |
| 60              | 141                  | 232                       | 13623              | 84.7                                    | 87.6                                  | 86.2                          |
| 55              | 128                  | 229                       | 12482              | 77.3                                    | 79.9                                  | 78.6                          |
| 50              | 115                  | 225                       | 11317              | 69.9                                    | 72.1                                  | 71.0                          |
| 45              | 103                  | 221                       | 10225              | 63.0                                    | 65.1                                  | 64.0                          |
| 40              | 91                   | 216                       | 9112               | 56.1                                    | 58.0                                  | 57.0                          |
| 35              | 79                   | 211                       | 7985               | 49.3                                    | 50.9                                  | 50.1                          |
| 30              | 67                   | 205                       | 6841               | 42.5                                    | 43.9                                  | 43.2                          |
| 25              | 55                   | 198                       | 5677               | 35.7                                    | 36.8                                  | 36.2                          |
| 20              | 43                   | 189                       | 4500               | 29.0                                    | 29.9                                  | 29.4                          |
| 15              | 32                   | 178                       | 3403               | 22.8                                    | 23.4                                  | 23.1                          |
| 12              | 25                   | 169                       | 2700               | 19.0                                    | 19.5                                  | 19.2                          |

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

| 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                       | 23480              | 153.0                                   | 158.6                                 | 155.8                         |
| 95              | 239                  | 252                       | 22296              | 143.9                                   | 149.1                                 | 146.5                         |
| 90              | 225                  | 250                       | 21163              | 135.6                                   | 140.4                                 | 138.0                         |
| 85              | 210                  | 247                       | 19930              | 126.5                                   | 131.1                                 | 128.8                         |
| 80              | 196                  | 245                       | 18752              | 118.2                                   | 122.4                                 | 120.3                         |
| 75              | 183                  | 242                       | 17635              | 110.5                                   | 114.4                                 | 112.4                         |
| 70              | 169                  | 239                       | 16418              | 102.3                                   | 105.8                                 | 104.0                         |
| 65              | 156                  | 236                       | 15273              | 94.6                                    | 97.9                                  | 96.2                          |
| 60              | 143                  | 233                       | 14107              | 87.0                                    | 90.0                                  | 88.5                          |
| 55              | 130                  | 229                       | 12927              | 79.5                                    | 82.2                                  | 80.8                          |
| 50              | 117                  | 226                       | 11727              | 71.9                                    | 74.4                                  | 73.2                          |
| 45              | 105                  | 222                       | 10604              | 65.0                                    | 67.2                                  | 66.1                          |
| 40              | 92                   | 217                       | 9368               | 57.5                                    | 59.4                                  | 58.4                          |
| 35              | 80                   | 212                       | 8214               | 50.6                                    | 52.2                                  | 51.4                          |
| 30              | 68                   | 206                       | 7046               | 43.7                                    | 45.1                                  | 44.4                          |
| 25              | 56                   | 199                       | 5859               | 36.8                                    | 38.0                                  | 37.4                          |
| 20              | 44                   | 190                       | 4662               | 30.0                                    | 30.9                                  | 30.4                          |
| 15              | 33                   | 179                       | 3549               | 23.7                                    | 24.4                                  | 24.0                          |
| 12              | 25                   | 169                       | 2734               | 19.3                                    | 19.8                                  | 19.6                          |

## Photometric test report

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| <b>Family</b><br>Streetlight 21 midi LED | <b>Order number: 5XE3E33S08NB</b><br><b>EAN: 4058352728635</b> | <b>LP number</b><br>59079_107 |
|--|--|-------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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                       | 23120              | 152.1                 | 157.7                 | 154.9                 |
| 95              | 239                  | 252                       | 21973              | 143.1                 | 148.2                 | 145.6                 |
| 90              | 224                  | 249                       | 20792              | 134.0                 | 139.0                 | 136.5                 |
| 85              | 210                  | 247                       | 19671              | 125.7                 | 130.3                 | 128.0                 |
| 80              | 196                  | 245                       | 18522              | 117.5                 | 121.7                 | 119.6                 |
| 75              | 182                  | 242                       | 17344              | 109.2                 | 113.0                 | 111.1                 |
| 70              | 168                  | 239                       | 16150              | 101.0                 | 104.5                 | 102.8                 |
| 65              | 155                  | 236                       | 15025              | 93.4                  | 96.7                  | 95.1                  |
| 60              | 142                  | 233                       | 13879              | 85.8                  | 88.8                  | 87.3                  |
| 55              | 129                  | 229                       | 12717              | 78.4                  | 81.1                  | 79.8                  |
| 50              | 116                  | 225                       | 11532              | 70.8                  | 73.2                  | 72.0                  |
| 45              | 104                  | 221                       | 10424              | 64.0                  | 66.2                  | 65.1                  |
| 40              | 91                   | 216                       | 9201               | 56.5                  | 58.4                  | 57.4                  |
| 35              | 79                   | 211                       | 8059               | 49.6                  | 51.2                  | 50.4                  |
| 30              | 67                   | 205                       | 6901               | 42.8                  | 44.2                  | 43.5                  |
| 25              | 56                   | 199                       | 5822               | 36.5                  | 37.7                  | 37.1                  |
| 20              | 44                   | 190                       | 4634               | 29.8                  | 30.6                  | 30.2                  |
| 15              | 32                   | 178                       | 3429               | 23.0                  | 23.6                  | 23.3                  |
| 12              | 25                   | 169                       | 2720               | 19.1                  | 19.7                  | 19.4                  |

**Photometric test report**

|  |  |                                      |
|--|--|--------------------------------------|
| <b>Family</b><br>Streetlight 21 midi LED | <b>Order number: 5XE3E33S08NB</b><br><b>EAN: 4058352728635</b> | <b>LP number</b><br><b>59079_107</b> |
|--|--|--------------------------------------|

**Luminousfluxs table** **siteco**

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 22700.0             | 151.2                  |
| 5.0               | 23480.0             | 153.0                  |
| 15.0              | 23120.0             | 152.1                  |