

Photometric test report

Family

Streetlight 21 midi LED



Order number: 5XE3E43S08LB

EAN: 4058352728925

LP number

59077\_2505

serial documentation

22.10.2024

Version

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

Optic

asymmetric, wide distribution (STW1.0a)

Cover

toughened safety glass

Lamps

LED 4000 K | CRI ≥ 70

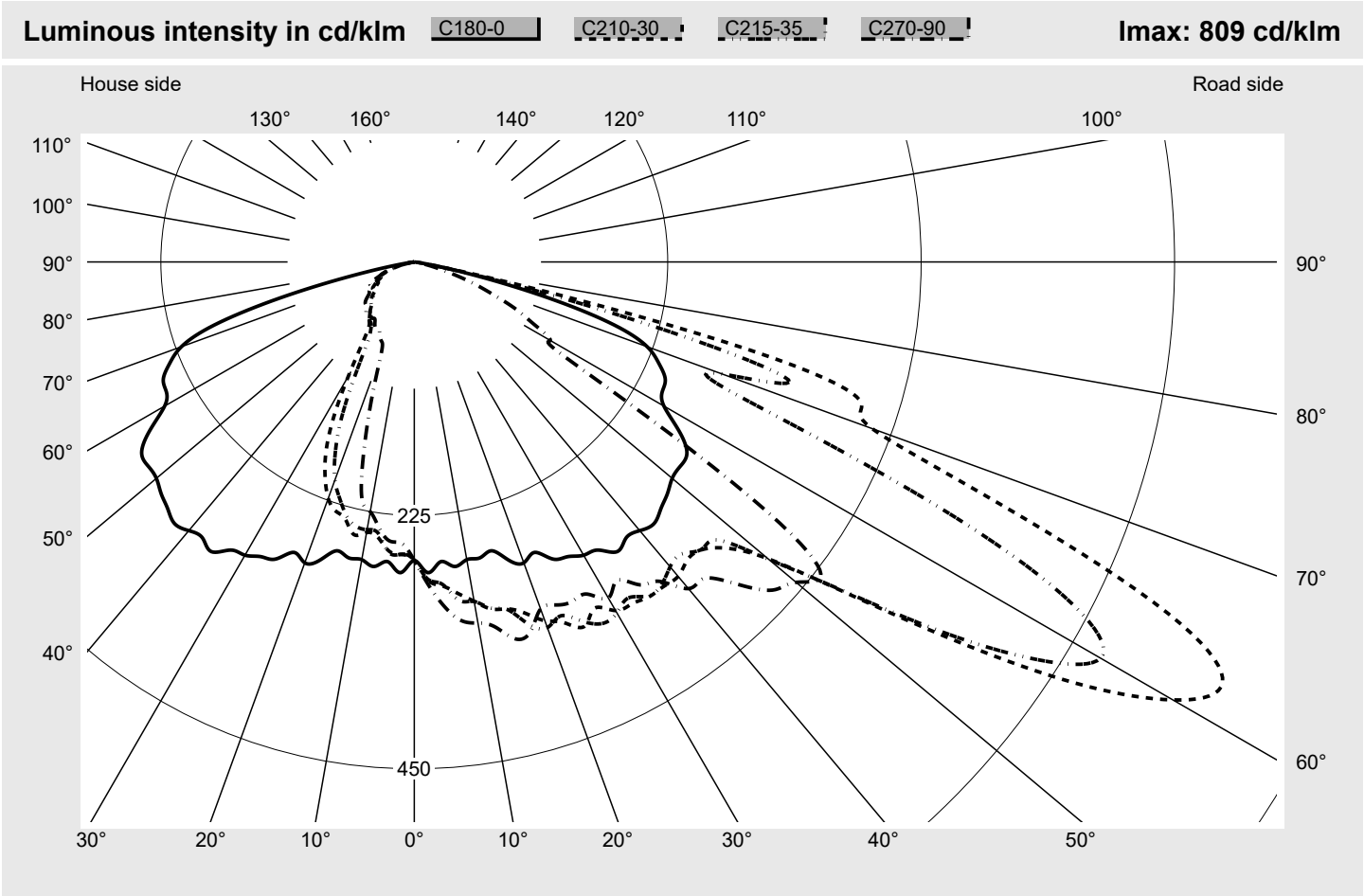
Controlgear

EVG-Smart Interface

Rated values

Net luminous flux = 14950 lm  
Power consumption = 99.6 W  
Luminous efficacy = 150.1 lm/W

siteco



| Luminaire output ratios   |        | Luminous intensity class acc. to EN13201-2 |       |
|---------------------------|--------|--------------------------------------------|-------|
| Eta                       | 100.0% | Class:                                     | G4    |
| Eta 0° - 90°              | 100.0% | Imax 70°                                   | 498.7 |
| Eta 90° - 180°            | 0.0%   | Imax 80°                                   | 32.8  |
| Measurement conditions    |        | Imax 90°                                   | 0.0   |
|                           |        | Imax >90°                                  | 0.0   |
|                           |        | Imax >95°                                  | 0.0   |
| DIN EN 13032 and DIN 5032 |        |                                            |       |

## Photometric test report

Family  
**Streetlight 21 midi LED**

Order number: **5XE3E43S08LB**  
EAN: **4058352728925**

LP number  
**59077\_2505**

Envelope curve in cd/klm

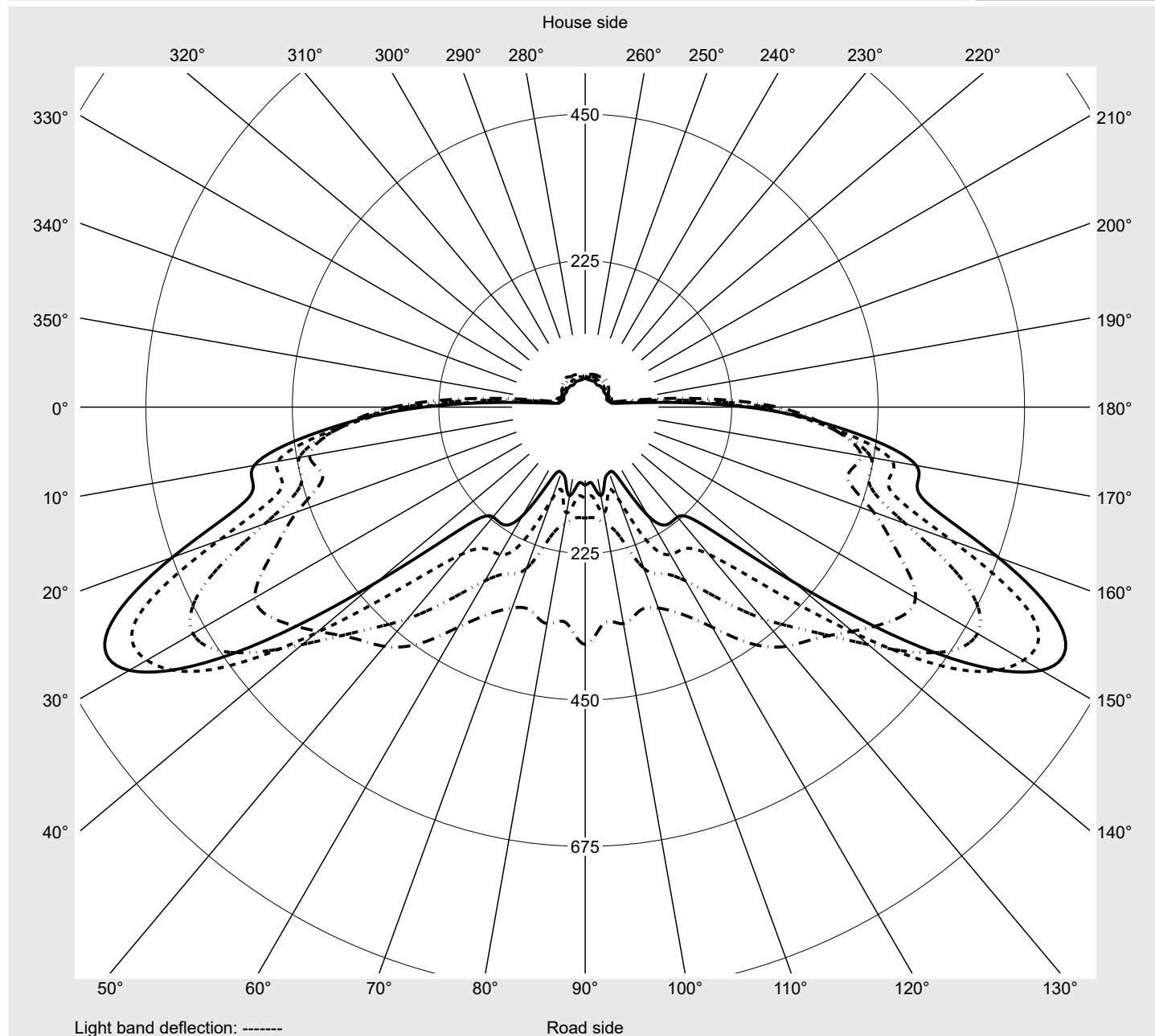
KMK 62.5°

KMK 60°

KMK 57.5°

KMK 55°

**siteco**



Photometric test report

|                                          |                              |                                                  |             |             |             |             |             |             |             |                            |             |                         |             |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------------|-------------|-------------------------|-------------|
| Family<br>Streetlight 21 midi LED        |                              | Order number: 5XE3E43S08LB<br>EAN: 4058352728925 |             |             |             |             |             |             |             |                            |             | LP number<br>59077_2505 |             |
| Table of values for luminous intensities |                              |                                                  |             |             |             |             |             |             |             | Maximum luminous intensity |             | siteco                  |             |
| C-<br>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°                                     | 265.0                        | 265.0                                            | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0       | 265.0                      | 265.0       | 265.0                   | 265.0       |
| 2,5°                                     | 276.1                        | 278.2                                            | 279.9       | 280.7       | 282.6       | 280.9       | 282.9       | 282.1       | 283.9       | 285.0                      | 286.7       | 288.0                   | 286.1       |
| 5,0°                                     | 267.2                        | 269.0                                            | 274.7       | 278.5       | 279.8       | 286.4       | 288.9       | 287.4       | 290.8       | 292.6                      | 294.2       | 300.0                   | 298.6       |
| 7,5°                                     | 272.7                        | 275.9                                            | 280.1       | 284.4       | 288.5       | 292.4       | 296.9       | 303.0       | 303.7       | 307.0                      | 310.0       | 310.1                   | 313.3       |
| 10,0°                                    | 268.4                        | 272.2                                            | 277.4       | 291.4       | 300.9       | 306.8       | 305.9       | 306.1       | 302.0       | 308.4                      | 313.7       | 316.2                   | 320.5       |
| 12,5°                                    | 269.1                        | 273.9                                            | 287.4       | 294.7       | 304.6       | 314.3       | 315.6       | 314.8       | 322.9       | 327.5                      | 331.4       | 330.3                   | 330.5       |
| 15,0°                                    | 265.5                        | 276.8                                            | 296.7       | 300.8       | 305.0       | 315.9       | 318.9       | 319.5       | 329.6       | 338.0                      | 337.2       | 339.7                   | 342.1       |
| 17,5°                                    | 277.4                        | 287.6                                            | 299.4       | 305.4       | 315.7       | 326.6       | 326.9       | 337.2       | 336.9       | 335.5                      | 339.7       | 341.4                   | 338.5       |
| 20,0°                                    | 284.3                        | 295.0                                            | 304.2       | 313.5       | 321.0       | 328.4       | 338.9       | 345.5       | 343.3       | 344.8                      | 347.8       | 341.7                   | 334.4       |
| 22,5°                                    | 279.1                        | 294.0                                            | 312.1       | 323.0       | 327.7       | 341.0       | 346.5       | 340.0       | 341.6       | 352.4                      | 351.9       | 343.1                   | 331.1       |
| 25,0°                                    | 291.0                        | 303.1                                            | 317.1       | 327.0       | 339.5       | 348.9       | 357.1       | 351.7       | 350.1       | 347.4                      | 339.5       | 333.6                   | 333.4       |
| 27,5°                                    | 295.0                        | 309.9                                            | 321.7       | 338.0       | 351.4       | 356.8       | 346.6       | 361.8       | 356.7       | 344.1                      | 331.2       | 337.6                   | 339.9       |
| 30,0°                                    | 300.7                        | 317.1                                            | 328.5       | 349.8       | 355.9       | 355.9       | 357.4       | 359.7       | 352.9       | 344.8                      | 333.1       | 337.4                   | 338.9       |
| 32,5°                                    | 303.3                        | 318.9                                            | 336.3       | 353.9       | 359.5       | 349.5       | 359.8       | 353.7       | 348.0       | 346.4                      | 340.3       | 346.7                   | 346.0       |
| 35,0°                                    | 314.0                        | 326.8                                            | 340.1       | 355.5       | 360.5       | 357.7       | 363.1       | 362.1       | 346.9       | 343.3                      | 345.1       | 341.2                   | 346.2       |
| 37,5°                                    | 308.9                        | 327.9                                            | 347.5       | 353.8       | 357.0       | 355.0       | 363.3       | 360.9       | 349.1       | 347.9                      | 346.4       | 345.8                   | 346.0       |
| 40,0°                                    | 311.4                        | 332.1                                            | 344.0       | 358.4       | 357.1       | 363.3       | 364.4       | 353.3       | 357.7       | 355.2                      | 353.1       | 353.4                   | 356.3       |
| 42,5°                                    | 315.1                        | 342.3                                            | 354.5       | 357.4       | 364.8       | 358.6       | 358.8       | 351.6       | 354.4       | 362.5                      | 363.5       | 361.8                   | 376.7       |
| 45,0°                                    | 309.7                        | 352.0                                            | 364.3       | 364.3       | 367.8       | 375.0       | 361.3       | 360.8       | 367.0       | 373.0                      | 384.1       | 397.1                   | 402.7       |
| 47,5°                                    | 304.8                        | 361.9                                            | 365.7       | 366.2       | 379.0       | 381.6       | 376.2       | 365.3       | 379.3       | 404.4                      | 419.2       | 437.2                   | 429.1       |
| 50,0°                                    | 298.9                        | 376.3                                            | 386.3       | 389.3       | 397.8       | 415.1       | 409.9       | 410.7       | 417.6       | 449.6                      | 467.2       | 465.5                   | 448.8       |
| 52,5°                                    | 297.8                        | 384.5                                            | 408.5       | 405.9       | 426.8       | 460.3       | 481.7       | 479.2       | 484.8       | 487.2                      | 491.5       | 476.7                   | 441.4       |
| 55,0°                                    | 295.5                        | 381.4                                            | 430.2       | 417.6       | 471.4       | 530.1       | 586.0       | 573.2       | 535.9       | 502.5                      | 479.9       | 443.5                   | 390.5       |
| 57,5°                                    | 278.4                        | 380.3                                            | 445.9       | 451.7       | 523.6       | 645.7       | 695.9       | 657.7       | 567.6       | 486.1                      | 424.4       | 359.9                   | 308.3       |
| 60,0°                                    | 255.9                        | 384.0                                            | 479.3       | 483.8       | 599.0       | 757.2       | 777.7       | 703.6       | 540.3       | 384.0                      | 295.1       | 265.7                   | 261.6       |
| 62,5°                                    | 248.4                        | 402.0                                            | 516.6       | 535.0       | 675.3       | 808.8       | 809.0       | 659.9       | 419.1       | 256.1                      | 220.5       | 220.2                   | 192.6       |
| 65,0°                                    | 245.9                        | 422.0                                            | 553.6       | 573.4       | 711.3       | 776.7       | 738.3       | 510.2       | 243.5       | 208.7                      | 192.4       | 191.3                   | 104.6       |
| 67,5°                                    | 235.0                        | 425.3                                            | 575.2       | 564.4       | 621.8       | 656.3       | 565.5       | 314.5       | 192.3       | 176.6                      | 153.1       | 147.2                   | 65.3        |
| 70,0°                                    | 220.0                        | 417.0                                            | 498.7       | 490.7       | 467.4       | 475.7       | 432.4       | 290.7       | 186.4       | 147.5                      | 119.0       | 82.6                    | 48.3        |
| 72,5°                                    | 186.1                        | 339.1                                            | 400.0       | 304.5       | 275.2       | 335.3       | 416.1       | 348.4       | 176.7       | 109.9                      | 75.5        | 56.3                    | 39.4        |
| 75,0°                                    | 123.0                        | 169.2                                            | 172.4       | 105.2       | 89.8        | 211.1       | 330.5       | 216.4       | 77.4        | 39.2                       | 49.9        | 41.1                    | 30.5        |
| 77,5°                                    | 56.5                         | 71.0                                             | 62.1        | 33.2        | 30.7        | 82.6        | 105.1       | 73.0        | 43.5        | 25.3                       | 37.7        | 26.1                    | 20.2        |
| 80,0°                                    | 17.1                         | 18.7                                             | 17.1        | 12.0        | 10.0        | 32.8        | 16.7        | 12.3        | 11.9        | 13.6                       | 24.3        | 14.2                    | 12.9        |
| 82,5°                                    | 2.8                          | 2.6                                              | 2.8         | 2.7         | 4.2         | 12.7        | 4.3         | 4.9         | 3.6         | 2.7                        | 7.1         | 7.5                     | 9.0         |
| 85,0°                                    | 0.6                          | 1.0                                              | 0.8         | 0.7         | 0.9         | 0.6         | 1.1         | 1.6         | 1.2         | 1.0                        | 1.0         | 1.0                     | 0.9         |
| 87,5°                                    | 0.2                          | 0.1                                              | 0.2         | 0.1         | 0.2         | 0.2         | 0.1         | 0.1         | 0.1         | 0.1                        | 0.0         | 0.0                     | 0.0         |
| 90,0°                                    | 0.0                          | 0.0                                              | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0                        | 0.0         | 0.0                     | 0.0         |

Photometric test report

|                                   |                                                  |                         |
|-----------------------------------|--------------------------------------------------|-------------------------|
| Family<br>Streetlight 21 midi LED | Order number: 5XE3E43S08LB<br>EAN: 4058352728925 | LP number<br>59077_2505 |
|-----------------------------------|--------------------------------------------------|-------------------------|

|                                          |                            |        |
|------------------------------------------|----------------------------|--------|
| Table of values for luminous intensities | Maximum luminous intensity | siteco |
|------------------------------------------|----------------------------|--------|

| C-<br>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°         | 265.0                        | 265.0       | 265.0       | 265.0       | 265.0      | 265.0 | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        |
| 2,5°         | 287.5                        | 287.6       | 287.1       | 287.4       | 287.0      | 287.0 | 273.3        | 268.1        | 264.9        | 264.2        | 262.9        | 260.1        | 259.7        |
| 5,0°         | 298.8                        | 299.6       | 303.6       | 304.8       | 306.2      | 307.1 | 263.9        | 264.0        | 263.7        | 260.2        | 262.6        | 257.7        | 259.0        |
| 7,5°         | 311.1                        | 312.7       | 314.2       | 315.4       | 319.9      | 321.2 | 264.6        | 260.9        | 257.4        | 253.9        | 248.6        | 246.6        | 243.3        |
| 10,0°        | 322.2                        | 321.1       | 324.7       | 324.1       | 330.8      | 325.5 | 261.4        | 256.1        | 251.1        | 248.3        | 244.7        | 244.0        | 241.3        |
| 12,5°        | 332.1                        | 335.3       | 335.1       | 332.5       | 329.2      | 332.0 | 262.3        | 260.1        | 252.5        | 246.3        | 242.6        | 247.9        | 240.3        |
| 15,0°        | 337.6                        | 337.3       | 338.6       | 345.5       | 346.4      | 346.4 | 261.0        | 256.5        | 253.2        | 248.3        | 245.2        | 236.4        | 233.1        |
| 17,5°        | 341.6                        | 341.9       | 341.5       | 339.9       | 341.6      | 343.8 | 270.2        | 262.3        | 253.8        | 247.9        | 241.6        | 232.0        | 220.2        |
| 20,0°        | 335.0                        | 333.0       | 331.7       | 327.6       | 328.6      | 327.9 | 267.8        | 260.8        | 255.7        | 239.3        | 232.0        | 223.3        | 206.1        |
| 22,5°        | 329.0                        | 328.2       | 327.2       | 332.2       | 325.7      | 329.6 | 271.4        | 267.7        | 246.7        | 240.9        | 224.1        | 206.9        | 183.3        |
| 25,0°        | 334.2                        | 338.9       | 333.4       | 328.8       | 331.6      | 332.3 | 273.9        | 267.1        | 247.9        | 230.6        | 210.1        | 185.4        | 153.1        |
| 27,5°        | 345.0                        | 340.9       | 338.0       | 336.9       | 330.6      | 332.5 | 281.1        | 265.5        | 244.5        | 212.3        | 189.3        | 154.5        | 114.5        |
| 30,0°        | 347.4                        | 348.6       | 347.5       | 338.6       | 338.7      | 344.5 | 287.4        | 263.9        | 231.2        | 198.3        | 160.4        | 116.8        | 84.4         |
| 32,5°        | 348.4                        | 347.2       | 343.8       | 343.5       | 341.8      | 335.2 | 290.9        | 256.1        | 220.6        | 179.3        | 126.7        | 86.3         | 72.1         |
| 35,0°        | 347.0                        | 345.2       | 346.6       | 347.5       | 342.5      | 350.1 | 287.0        | 243.6        | 204.1        | 146.9        | 96.2         | 70.3         | 66.8         |
| 37,5°        | 350.1                        | 351.8       | 356.0       | 359.3       | 353.9      | 357.4 | 278.7        | 226.5        | 179.7        | 108.7        | 69.8         | 65.7         | 65.1         |
| 40,0°        | 361.0                        | 366.3       | 369.3       | 373.6       | 367.6      | 378.6 | 271.5        | 211.0        | 146.0        | 80.9         | 62.4         | 61.5         | 61.5         |
| 42,5°        | 385.5                        | 380.9       | 382.4       | 379.9       | 385.9      | 381.1 | 253.2        | 192.1        | 110.3        | 60.5         | 58.0         | 57.7         | 57.7         |
| 45,0°        | 410.8                        | 397.6       | 391.9       | 399.7       | 411.0      | 404.2 | 243.1        | 159.0        | 76.9         | 55.3         | 55.2         | 53.6         | 54.0         |
| 47,5°        | 433.6                        | 414.0       | 411.4       | 415.7       | 420.3      | 431.3 | 227.6        | 126.7        | 55.1         | 50.4         | 51.7         | 51.7         | 52.1         |
| 50,0°        | 445.6                        | 425.7       | 419.8       | 449.5       | 443.7      | 442.5 | 210.7        | 88.3         | 49.0         | 47.6         | 47.1         | 49.3         | 47.6         |
| 52,5°        | 416.0                        | 395.0       | 398.9       | 443.8       | 448.1      | 454.9 | 180.9        | 59.1         | 45.7         | 45.0         | 43.8         | 45.3         | 45.8         |
| 55,0°        | 351.0                        | 328.5       | 323.8       | 337.9       | 333.0      | 364.6 | 154.6        | 48.8         | 43.8         | 42.1         | 39.9         | 41.0         | 43.9         |
| 57,5°        | 282.3                        | 263.7       | 206.2       | 182.5       | 171.1      | 170.4 | 121.8        | 44.9         | 41.6         | 41.3         | 39.9         | 40.0         | 43.9         |
| 60,0°        | 229.7                        | 151.7       | 135.7       | 165.2       | 139.3      | 139.5 | 86.6         | 41.6         | 37.8         | 38.2         | 38.7         | 36.9         | 40.7         |
| 62,5°        | 120.0                        | 107.2       | 116.5       | 138.1       | 117.6      | 119.8 | 77.0         | 39.6         | 36.3         | 35.0         | 36.5         | 37.2         | 37.1         |
| 65,0°        | 83.4                         | 91.6        | 95.7        | 104.6       | 97.6       | 100.3 | 69.3         | 36.7         | 32.8         | 31.9         | 34.4         | 37.0         | 32.8         |
| 67,5°        | 67.6                         | 73.1        | 74.5        | 77.1        | 78.6       | 76.2  | 54.0         | 28.7         | 29.8         | 27.7         | 32.7         | 34.8         | 32.1         |
| 70,0°        | 52.0                         | 55.8        | 56.0        | 55.7        | 56.2       | 56.3  | 41.4         | 23.6         | 24.9         | 23.4         | 27.3         | 28.8         | 27.1         |
| 72,5°        | 39.0                         | 39.0        | 37.7        | 39.2        | 37.6       | 36.6  | 39.4         | 19.2         | 19.3         | 19.8         | 21.9         | 22.2         | 21.5         |
| 75,0°        | 24.8                         | 24.3        | 23.5        | 23.2        | 21.8       | 20.8  | 33.9         | 14.3         | 14.8         | 15.1         | 17.1         | 14.6         | 15.3         |
| 77,5°        | 14.2                         | 13.2        | 12.7        | 11.4        | 11.4       | 9.5   | 22.2         | 10.4         | 8.7          | 9.2          | 11.9         | 11.0         | 10.9         |
| 80,0°        | 7.8                          | 5.8         | 5.4         | 4.1         | 4.0        | 2.8   | 9.0          | 5.5          | 5.3          | 4.7          | 5.5          | 5.6          | 6.8          |
| 82,5°        | 3.8                          | 1.6         | 1.4         | 1.0         | 1.4        | 0.9   | 2.5          | 2.3          | 2.2          | 2.3          | 2.5          | 2.8          | 3.4          |
| 85,0°        | 0.6                          | 0.4         | 0.3         | 0.3         | 0.3        | 0.4   | 0.8          | 0.7          | 0.8          | 0.8          | 0.7          | 0.9          | 1.0          |
| 87,5°        | 0.1                          | 0.1         | 0.1         | 0.2         | 0.1        | 0.1   | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2          | 0.2          |
| 90,0°        | 0.0                          | 0.0         | 0.0         | 0.0         | 0.0        | 0.0   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |

Photometric test report

|                                          |                              |                                                  |              |              |              |              |              |              |              |                            |                         |                         |                   |
|------------------------------------------|------------------------------|--------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------------|-------------------------|-------------------------|-------------------|
| Family<br>Streetlight 21 midi LED        |                              | Order number: 5XE3E43S08LB<br>EAN: 4058352728925 |              |              |              |              |              |              |              |                            |                         | LP number<br>59077_2505 |                   |
| Table of values for luminous intensities |                              |                                                  |              |              |              |              |              |              |              | Maximum luminous intensity |                         | sīteco                  |                   |
| C-<br>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°                                     | 265.0                        | 265.0                                            | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0        | 265.0                      | 265.0                   | 0.4                     | 0.4               |
| 2,5°                                     | 256.9                        | 256.0                                            | 255.6        | 256.1        | 254.6        | 252.5        | 250.9        | 249.4        | 248.9        | 249.4                      | 250.4                   | 3.2                     | 3.6               |
| 5,0°                                     | 255.7                        | 253.9                                            | 254.1        | 252.3        | 249.0        | 249.7        | 248.6        | 248.0        | 246.8        | 248.4                      | 248.8                   | 6.5                     | 10.2              |
| 7,5°                                     | 240.3                        | 241.6                                            | 243.4        | 240.7        | 241.4        | 239.6        | 241.1        | 240.8        | 239.1        | 237.5                      | 238.3                   | 9.8                     | 20.0              |
| 10,0°                                    | 240.0                        | 236.3                                            | 237.0        | 232.8        | 230.3        | 226.3        | 227.2        | 227.7        | 229.3        | 228.1                      | 225.1                   | 13.0                    | 33.0              |
| 12,5°                                    | 232.1                        | 228.4                                            | 226.2        | 223.2        | 220.3        | 215.5        | 208.4        | 206.4        | 206.3        | 212.3                      | 215.0                   | 16.3                    | 49.3              |
| 15,0°                                    | 228.7                        | 218.0                                            | 206.6        | 202.2        | 200.2        | 193.2        | 184.1        | 176.9        | 174.8        | 172.2                      | 172.4                   | 19.2                    | 68.5              |
| 17,5°                                    | 209.4                        | 198.3                                            | 189.0        | 174.2        | 161.0        | 148.0        | 139.2        | 129.3        | 122.8        | 121.0                      | 123.7                   | 21.6                    | 90.1              |
| 20,0°                                    | 192.2                        | 169.1                                            | 150.1        | 131.9        | 115.1        | 104.2        | 97.2         | 89.9         | 88.2         | 86.4                       | 85.0                    | 23.5                    | 113.6             |
| 22,5°                                    | 156.5                        | 129.9                                            | 107.3        | 94.2         | 82.7         | 77.8         | 78.4         | 76.9         | 75.2         | 76.8                       | 76.1                    | 25.4                    | 139.0             |
| 25,0°                                    | 117.5                        | 93.4                                             | 80.0         | 74.6         | 74.6         | 73.9         | 73.1         | 74.0         | 72.0         | 74.0                       | 72.3                    | 27.6                    | 166.6             |
| 27,5°                                    | 87.2                         | 75.8                                             | 71.2         | 72.6         | 73.4         | 71.9         | 71.0         | 71.6         | 70.4         | 71.1                       | 67.8                    | 29.8                    | 196.4             |
| 30,0°                                    | 73.6                         | 70.2                                             | 72.9         | 71.5         | 70.4         | 71.0         | 69.8         | 70.1         | 68.1         | 67.3                       | 68.0                    | 32.0                    | 228.4             |
| 32,5°                                    | 67.8                         | 68.1                                             | 67.7         | 70.5         | 70.7         | 68.2         | 67.0         | 65.7         | 64.1         | 63.6                       | 65.2                    | 33.9                    | 262.4             |
| 35,0°                                    | 66.4                         | 67.3                                             | 66.7         | 66.1         | 65.8         | 64.8         | 64.9         | 64.1         | 64.6         | 62.1                       | 61.4                    | 35.8                    | 298.2             |
| 37,5°                                    | 67.0                         | 67.1                                             | 66.4         | 64.8         | 64.1         | 62.0         | 62.1         | 63.5         | 62.3         | 64.1                       | 62.6                    | 37.7                    | 335.9             |
| 40,0°                                    | 65.2                         | 69.2                                             | 62.8         | 60.8         | 59.4         | 59.4         | 62.3         | 62.4         | 60.3         | 60.0                       | 60.4                    | 39.8                    | 375.7             |
| 42,5°                                    | 64.4                         | 66.3                                             | 68.6         | 56.9         | 57.5         | 58.5         | 59.4         | 60.7         | 57.9         | 58.0                       | 62.3                    | 42.0                    | 417.7             |
| 45,0°                                    | 61.0                         | 62.0                                             | 77.2         | 58.2         | 58.6         | 59.2         | 60.0         | 59.8         | 60.6         | 60.1                       | 60.3                    | 44.9                    | 462.5             |
| 47,5°                                    | 53.1                         | 53.8                                             | 65.9         | 58.5         | 59.2         | 58.8         | 59.9         | 60.0         | 59.8         | 59.0                       | 57.8                    | 47.8                    | 510.3             |
| 50,0°                                    | 49.0                         | 52.4                                             | 58.1         | 59.5         | 60.2         | 57.5         | 58.4         | 56.2         | 56.5         | 55.8                       | 56.8                    | 51.7                    | 562.1             |
| 52,5°                                    | 47.6                         | 51.8                                             | 55.7         | 54.3         | 55.8         | 54.5         | 53.9         | 54.8         | 53.8         | 53.5                       | 53.4                    | 54.9                    | 616.9             |
| 55,0°                                    | 47.0                         | 49.2                                             | 51.3         | 53.6         | 53.4         | 51.8         | 52.2         | 51.8         | 51.3         | 49.3                       | 48.8                    | 55.2                    | 672.1             |
| 57,5°                                    | 45.4                         | 44.7                                             | 46.5         | 47.9         | 48.4         | 48.5         | 47.8         | 47.7         | 47.4         | 46.4                       | 47.2                    | 53.2                    | 725.3             |
| 60,0°                                    | 41.2                         | 41.2                                             | 43.3         | 43.3         | 43.7         | 45.9         | 44.1         | 44.4         | 44.6         | 44.1                       | 43.7                    | 51.8                    | 777.1             |
| 62,5°                                    | 37.1                         | 39.0                                             | 39.1         | 39.8         | 38.6         | 39.5         | 41.5         | 41.8         | 42.1         | 42.8                       | 44.1                    | 49.6                    | 826.7             |
| 65,0°                                    | 33.4                         | 34.7                                             | 37.0         | 36.8         | 35.8         | 36.8         | 38.8         | 37.6         | 40.4         | 42.1                       | 41.9                    | 46.0                    | 872.7             |
| 67,5°                                    | 29.7                         | 31.0                                             | 32.3         | 32.5         | 32.0         | 32.6         | 33.8         | 36.5         | 37.1         | 35.6                       | 34.6                    | 40.0                    | 912.8             |
| 70,0°                                    | 25.9                         | 28.0                                             | 28.5         | 28.5         | 28.1         | 28.2         | 29.6         | 31.2         | 31.7         | 30.2                       | 29.9                    | 33.5                    | 946.3             |
| 72,5°                                    | 21.7                         | 23.7                                             | 24.6         | 25.3         | 25.5         | 26.0         | 25.4         | 26.6         | 27.1         | 26.8                       | 25.0                    | 26.9                    | 973.2             |
| 75,0°                                    | 17.0                         | 18.4                                             | 21.4         | 20.6         | 20.1         | 20.9         | 20.3         | 21.1         | 22.0         | 20.0                       | 20.2                    | 15.6                    | 988.8             |
| 77,5°                                    | 12.3                         | 14.7                                             | 16.6         | 16.7         | 16.2         | 16.3         | 15.3         | 12.3         | 9.2          | 7.0                        | 6.0                     | 7.1                     | 995.9             |
| 80,0°                                    | 7.5                          | 8.6                                              | 11.2         | 12.9         | 13.0         | 11.5         | 9.3          | 6.4          | 3.8          | 1.9                        | 1.2                     | 2.8                     | 998.7             |
| 82,5°                                    | 3.8                          | 4.4                                              | 5.7          | 8.4          | 8.1          | 7.0          | 4.2          | 2.7          | 1.4          | 0.5                        | 0.4                     | 1.1                     | 999.7             |
| 85,0°                                    | 1.4                          | 1.4                                              | 1.6          | 1.6          | 1.8          | 1.5          | 0.8          | 0.5          | 0.4          | 0.1                        | 0.1                     | 0.2                     | 1000.0            |
| 87,5°                                    | 0.2                          | 0.2                                              | 0.2          | 0.1          | 0.1          | 0.1          | 0.1          | 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            |

|        |          |         |        |        |        |
|--------|----------|---------|--------|--------|--------|
| office | industry | traffic | retail | public | sports |
|--------|----------|---------|--------|--------|--------|

## Photometric test report

|                                          |                                                                |                                 |
|------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 21 midi LED</b> | Order number: <b>5XE3E43S08LB</b><br>EAN: <b>4058352728925</b> | LP number<br><b>59077_2505</b>  |
| Dimming levels table                     |                                                                | 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                       | 14950              | 99.6                                    | 102.2                                 | 100.9                         |
| 95              | 239                  | 252                       | 14208              | 93.6                                    | 96.1                                  | 94.8                          |
| 90              | 224                  | 249                       | 13453              | 87.6                                    | 89.9                                  | 88.8                          |
| 85              | 210                  | 247                       | 12728              | 81.8                                    | 84.0                                  | 82.9                          |
| 80              | 196                  | 245                       | 11986              | 76.2                                    | 78.2                                  | 77.2                          |
| 75              | 182                  | 242                       | 11235              | 70.6                                    | 72.5                                  | 71.6                          |
| 70              | 168                  | 239                       | 10468              | 65.1                                    | 66.8                                  | 65.9                          |
| 65              | 155                  | 236                       | 9743               | 60.0                                    | 61.6                                  | 60.8                          |
| 60              | 141                  | 232                       | 8948               | 54.8                                    | 56.2                                  | 55.5                          |
| 55              | 128                  | 229                       | 8194               | 50.0                                    | 51.2                                  | 50.6                          |
| 50              | 116                  | 225                       | 7489               | 45.5                                    | 46.6                                  | 46.0                          |
| 45              | 103                  | 221                       | 6711               | 40.6                                    | 41.6                                  | 41.1                          |
| 40              | 91                   | 216                       | 5980               | 36.0                                    | 36.8                                  | 36.4                          |
| 35              | 79                   | 211                       | 5239               | 31.3                                    | 32.1                                  | 31.7                          |
| 30              | 67                   | 205                       | 4486               | 26.9                                    | 27.5                                  | 27.2                          |
| 25              | 55                   | 198                       | 3721               | 22.4                                    | 23.0                                  | 22.7                          |
| 20              | 44                   | 190                       | 3009               | 18.3                                    | 18.7                                  | 18.5                          |
| 15              | 32                   | 178                       | 2225               | 13.6                                    | 13.9                                  | 13.8                          |
| 14              | 29                   | 175                       | 2026               | 12.3                                    | 12.6                                  | 12.4                          |

| Dimming levels table |                      |                           | 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                       | 15330                          | 100.9                                   | 103.5                                 | 102.2                         |
| 95                   | 239                  | 252                       | 14554                          | 94.8                                    | 97.3                                  | 96.0                          |
| 90                   | 225                  | 250                       | 13817                          | 89.2                                    | 91.5                                  | 90.4                          |
| 85                   | 210                  | 247                       | 13010                          | 82.9                                    | 85.2                                  | 84.1                          |
| 80                   | 196                  | 245                       | 12242                          | 77.3                                    | 79.3                                  | 78.3                          |
| 75                   | 183                  | 242                       | 11520                          | 72.0                                    | 74.0                                  | 73.0                          |
| 70                   | 169                  | 239                       | 10729                          | 66.4                                    | 68.2                                  | 67.3                          |
| 65                   | 156                  | 236                       | 9983                           | 61.3                                    | 62.9                                  | 62.1                          |
| 60                   | 143                  | 233                       | 9225                           | 56.3                                    | 57.7                                  | 57.0                          |
| 55                   | 130                  | 229                       | 8455                           | 51.5                                    | 52.7                                  | 52.1                          |
| 50                   | 117                  | 226                       | 7671                           | 46.5                                    | 47.6                                  | 47.0                          |
| 45                   | 104                  | 221                       | 6876                           | 41.6                                    | 42.6                                  | 42.1                          |
| 40                   | 92                   | 217                       | 6131                           | 36.9                                    | 37.8                                  | 37.3                          |
| 35                   | 80                   | 212                       | 5376                           | 32.2                                    | 33.0                                  | 32.6                          |
| 30                   | 68                   | 206                       | 4611                           | 27.6                                    | 28.3                                  | 28.0                          |
| 25                   | 56                   | 199                       | 3835                           | 23.2                                    | 23.7                                  | 23.4                          |
| 20                   | 44                   | 190                       | 3047                           | 18.6                                    | 19.0                                  | 18.8                          |
| 15                   | 33                   | 179                       | 2317                           | 14.2                                    | 14.6                                  | 14.4                          |
| 13                   | 29                   | 175                       | 2050                           | 12.5                                    | 12.8                                  | 12.6                          |

Photometric test report

|                                   |                                                  |                                 |
|-----------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Streetlight 21 midi LED | Order number: 5XE3E43S08LB<br>EAN: 4058352728925 | LP number<br>59077_2505         |
| Dimming levels table              |                                                  | environmental temperature: 15°C |

siteco

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W]<br>start of lifetime | Power consumption [W]<br>end of lifetime | Power consumption [W]<br>average |
|-----------------|----------------------|---------------------------|--------------------|--------------------------------------------|------------------------------------------|----------------------------------|
| 100             | 254                  | 254                       | 15160              | 100.2                                      | 102.8                                    | 101.5                            |
| 95              | 239                  | 252                       | 14400              | 94.2                                       | 96.7                                     | 95.4                             |
| 90              | 224                  | 249                       | 13626              | 88.2                                       | 90.4                                     | 89.3                             |
| 85              | 210                  | 247                       | 12886              | 82.3                                       | 84.6                                     | 83.4                             |
| 80              | 196                  | 245                       | 12129              | 76.7                                       | 78.7                                     | 77.7                             |
| 75              | 182                  | 242                       | 11363              | 71.1                                       | 73.0                                     | 72.0                             |
| 70              | 169                  | 239                       | 10639              | 66.0                                       | 67.7                                     | 66.8                             |
| 65              | 155                  | 236                       | 9846               | 60.4                                       | 62.1                                     | 61.2                             |
| 60              | 142                  | 233                       | 9097               | 55.5                                       | 56.9                                     | 56.2                             |
| 55              | 129                  | 229                       | 8333               | 50.7                                       | 51.9                                     | 51.3                             |
| 50              | 116                  | 225                       | 7558               | 45.9                                       | 47.0                                     | 46.4                             |
| 45              | 104                  | 221                       | 6831               | 41.3                                       | 42.3                                     | 41.8                             |
| 40              | 92                   | 217                       | 6093               | 36.6                                       | 37.5                                     | 37.0                             |
| 35              | 79                   | 211                       | 5282               | 31.6                                       | 32.4                                     | 32.0                             |
| 30              | 67                   | 205                       | 4522               | 27.1                                       | 27.7                                     | 27.4                             |
| 25              | 56                   | 199                       | 3815               | 23.0                                       | 23.5                                     | 23.2                             |
| 20              | 44                   | 190                       | 3032               | 18.5                                       | 18.9                                     | 18.7                             |
| 15              | 33                   | 179                       | 2307               | 14.1                                       | 14.5                                     | 14.3                             |
| 13              | 29                   | 175                       | 2041               | 12.4                                       | 12.7                                     | 12.6                             |

Photometric test report

|                                   |                                                  |                         |
|-----------------------------------|--------------------------------------------------|-------------------------|
| Family<br>Streetlight 21 midi LED | Order number: 5XE3E43S08LB<br>EAN: 4058352728925 | LP number<br>59077_2505 |
| Luminousfluxs table               |                                                  | siteco                  |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 14950.0             | 99.6                   |
| 5.0               | 15330.0             | 100.9                  |
| 15.0              | 15160.0             | 100.2                  |