

Photometric test report

Family  
Streetlight 21 mini LED



Order number: 5XE2C43S08JB  
EAN: 4058352725047

Version

Optic

Cover

Lamps

Controlgear

Rated values

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

asymmetric, wide distribution (ST0.8a G)

toughened safety glass

LED 4000 K | CRI ≥ 70

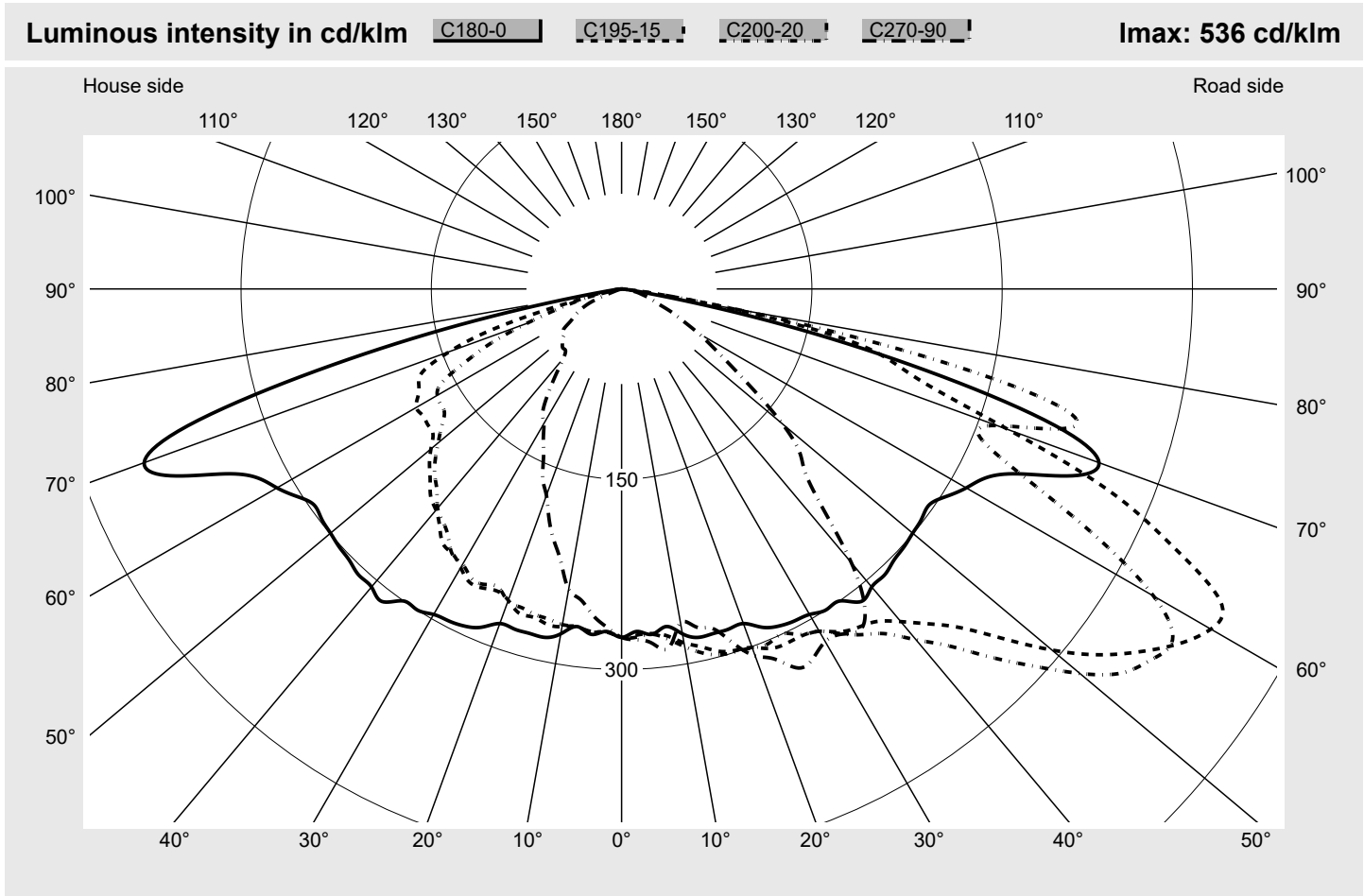
EVG-Smart Interface

Net luminous flux = 13500 lm  
Power consumption = 88.6 W  
Luminous efficacy = 152.4 lm/W

LP number  
59082\_724

serial  
documentation  
22.10.2024

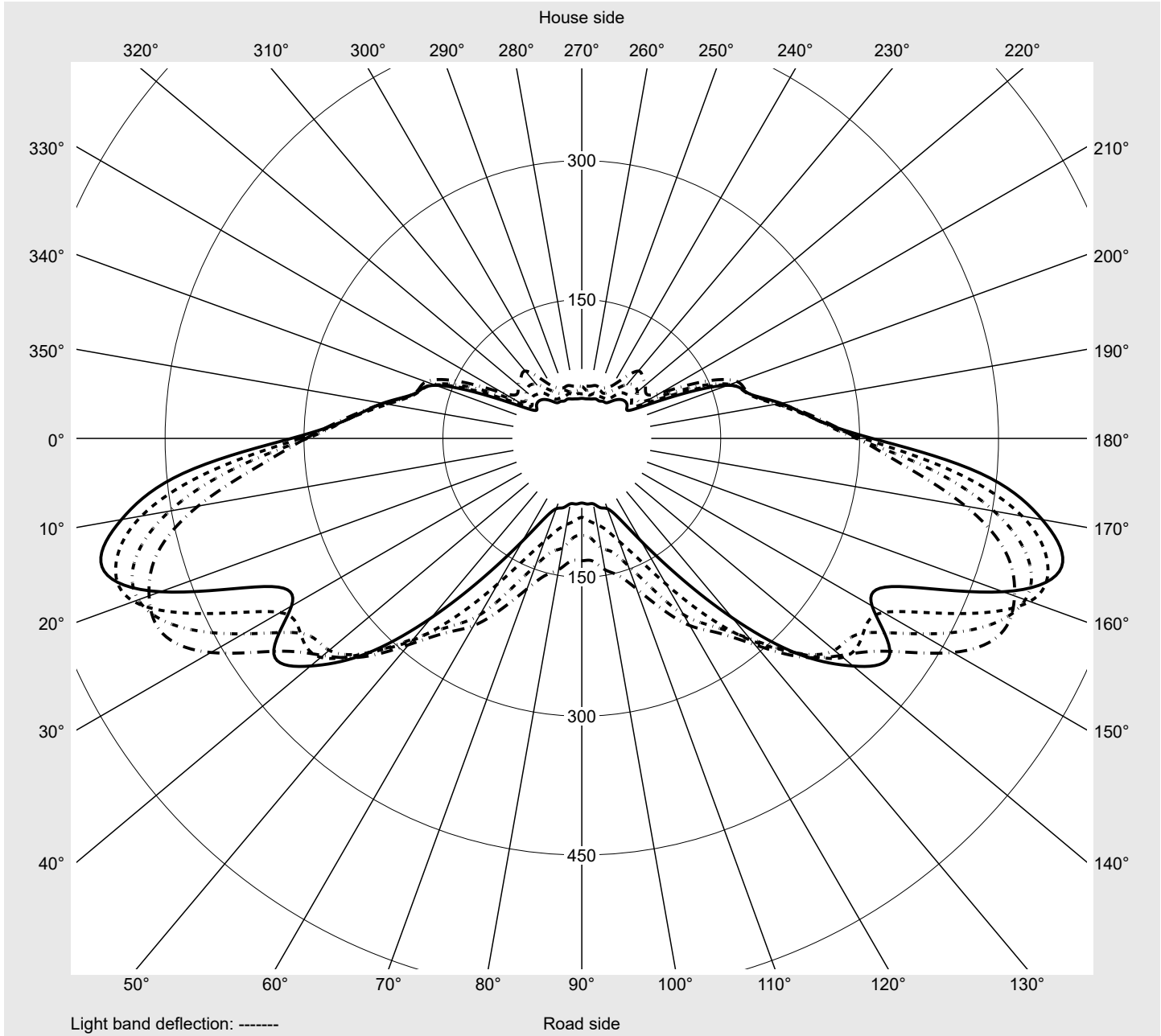
siteco



| Luminaire output ratios   |        | Luminous intensity class acc. to EN13201-2 |       |
|---------------------------|--------|--------------------------------------------|-------|
| Eta                       | 100.0% | Class:                                     | G4    |
| Eta 0° - 90°              | 100.0% | Imax 70°                                   | 493.9 |
| Eta 90° - 180°            | 0.0%   | Imax 80°                                   | 97.8  |
| Measurement conditions    |        | Imax 90°                                   | 0.0   |
|                           |        | Imax >90°                                  | 0.0   |
|                           |        | Imax >95°                                  | 0.0   |
|                           |        |                                            |       |
| DIN EN 13032 and DIN 5032 |        |                                            |       |

Photometric test report

|                                                                                                                 |                                                                |                                      |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------|
| <b>Family</b><br><b>Streetlight 21 mini LED</b>                                                                 | <b>Order number: 5XE2C43S08JB</b><br><b>EAN: 4058352725047</b> | <b>LP number</b><br><b>59082_724</b> |
| <b>Envelope curve in cd/klm</b> <div>KMK 60°</div> <div>KMK 57.5°</div> <div>KMK 55°</div> <div>KMK 52.5°</div> |                                                                | <div>sit</div> <div>eco</div>        |



Photometric test report

|                                          |                                                  |                            |
|------------------------------------------|--------------------------------------------------|----------------------------|
| Family<br>Streetlight 21 mini LED        | Order number: 5XE2C43S08JB<br>EAN: 4058352725047 | LP number<br>59082_724     |
| 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°         | 274.7                        | 274.7      | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       | 274.7       |
| 2,5°         | 270.3                        | 270.4      | 271.5       | 273.2       | 274.7       | 274.7       | 274.1       | 274.2       | 274.4       | 274.0       | 277.0       | 277.1       | 276.6       |
| 5,0°         | 273.4                        | 274.3      | 273.6       | 272.7       | 273.3       | 272.3       | 273.5       | 276.6       | 278.8       | 280.3       | 282.6       | 283.8       | 283.6       |
| 7,5°         | 268.4                        | 272.0      | 274.5       | 275.9       | 278.4       | 281.1       | 280.9       | 281.1       | 283.3       | 281.4       | 281.4       | 282.2       | 283.4       |
| 10,0°        | 276.1                        | 275.9      | 278.7       | 283.3       | 286.3       | 286.9       | 286.0       | 284.7       | 284.2       | 281.9       | 279.6       | 277.1       | 277.3       |
| 12,5°        | 281.3                        | 282.2      | 283.7       | 288.9       | 293.9       | 293.8       | 293.7       | 291.9       | 286.3       | 284.1       | 279.7       | 275.7       | 274.4       |
| 15,0°        | 281.1                        | 288.0      | 292.4       | 295.7       | 298.6       | 296.0       | 289.7       | 288.1       | 284.8       | 282.9       | 277.7       | 276.9       | 276.0       |
| 17,5°        | 281.1                        | 290.6      | 297.2       | 298.7       | 299.8       | 298.7       | 288.5       | 285.6       | 284.8       | 283.6       | 284.4       | 283.4       | 282.6       |
| 20,0°        | 280.7                        | 292.1      | 296.6       | 300.8       | 301.1       | 293.8       | 288.4       | 289.1       | 289.4       | 289.7       | 292.3       | 294.8       | 294.6       |
| 22,5°        | 288.7                        | 295.6      | 305.2       | 306.8       | 302.6       | 291.6       | 294.7       | 298.4       | 296.3       | 302.0       | 304.4       | 307.3       | 310.9       |
| 25,0°        | 293.3                        | 302.1      | 310.2       | 308.2       | 300.0       | 304.4       | 300.3       | 306.0       | 314.5       | 315.8       | 322.6       | 327.6       | 328.1       |
| 27,5°        | 295.1                        | 304.0      | 315.6       | 308.2       | 307.2       | 309.0       | 311.5       | 316.2       | 322.4       | 331.3       | 341.0       | 342.3       | 347.8       |
| 30,0°        | 296.3                        | 310.5      | 318.6       | 311.7       | 311.7       | 317.3       | 321.0       | 328.4       | 335.1       | 348.1       | 357.8       | 362.2       | 361.1       |
| 32,5°        | 300.0                        | 316.4      | 321.2       | 320.4       | 322.3       | 332.0       | 333.6       | 347.0       | 358.3       | 367.3       | 373.3       | 381.7       | 372.6       |
| 35,0°        | 300.3                        | 319.7      | 321.7       | 325.6       | 332.6       | 343.0       | 357.1       | 367.9       | 377.8       | 390.3       | 388.6       | 387.7       | 369.4       |
| 37,5°        | 310.5                        | 323.4      | 327.5       | 330.5       | 342.7       | 360.8       | 372.5       | 392.7       | 414.1       | 412.2       | 402.6       | 386.6       | 372.5       |
| 40,0°        | 306.7                        | 330.8      | 334.6       | 342.4       | 361.1       | 375.6       | 400.5       | 408.6       | 435.7       | 427.5       | 406.4       | 389.1       | 370.1       |
| 42,5°        | 306.3                        | 335.9      | 340.9       | 358.1       | 381.7       | 400.9       | 421.0       | 435.6       | 445.3       | 435.6       | 399.0       | 382.7       | 355.5       |
| 45,0°        | 303.2                        | 331.0      | 352.9       | 377.7       | 410.2       | 434.3       | 445.3       | 455.7       | 442.6       | 423.9       | 389.8       | 341.8       | 303.3       |
| 47,5°        | 301.6                        | 336.5      | 377.0       | 408.1       | 440.1       | 460.6       | 469.6       | 457.4       | 422.0       | 387.5       | 349.8       | 300.0       | 258.6       |
| 50,0°        | 299.6                        | 347.6      | 392.2       | 442.9       | 471.5       | 482.6       | 470.8       | 441.6       | 392.0       | 354.8       | 309.2       | 269.5       | 243.1       |
| 52,5°        | 298.1                        | 351.8      | 420.7       | 473.8       | 497.3       | 499.2       | 462.5       | 400.7       | 364.8       | 333.6       | 290.9       | 256.4       | 233.4       |
| 55,0°        | 296.4                        | 377.3      | 452.0       | 498.7       | 509.7       | 480.6       | 422.2       | 367.6       | 356.1       | 327.6       | 282.3       | 247.9       | 219.8       |
| 57,5°        | 304.1                        | 401.5      | 482.8       | 520.7       | 515.0       | 447.7       | 376.1       | 370.2       | 367.9       | 327.8       | 285.1       | 233.0       | 181.5       |
| 60,0°        | 313.7                        | 432.1      | 504.8       | 536.4       | 484.2       | 378.6       | 362.0       | 406.0       | 382.5       | 328.5       | 253.1       | 180.4       | 127.9       |
| 62,5°        | 323.0                        | 454.5      | 522.9       | 531.9       | 420.3       | 344.5       | 406.4       | 437.2       | 400.9       | 298.6       | 180.8       | 103.7       | 72.0        |
| 65,0°        | 344.9                        | 474.6      | 534.2       | 478.7       | 349.3       | 355.5       | 461.5       | 463.3       | 369.4       | 197.1       | 86.0        | 60.4        | 50.6        |
| 67,5°        | 384.9                        | 502.1      | 523.3       | 416.2       | 305.9       | 418.2       | 501.2       | 453.1       | 243.9       | 95.6        | 57.8        | 47.3        | 41.7        |
| 70,0°        | 400.5                        | 466.7      | 464.5       | 324.8       | 314.9       | 493.9       | 484.0       | 328.4       | 125.6       | 60.9        | 45.2        | 38.8        | 34.8        |
| 72,5°        | 358.5                        | 358.7      | 351.8       | 254.6       | 365.9       | 485.2       | 394.2       | 184.1       | 76.3        | 45.4        | 33.5        | 30.2        | 27.1        |
| 75,0°        | 248.8                        | 218.0      | 225.7       | 220.3       | 356.9       | 392.4       | 267.8       | 98.5        | 34.6        | 31.5        | 29.4        | 24.9        | 21.7        |
| 77,5°        | 130.6                        | 113.0      | 145.7       | 175.3       | 240.1       | 233.3       | 127.5       | 42.6        | 21.2        | 23.4        | 23.0        | 16.7        | 15.6        |
| 80,0°        | 34.5                         | 28.3       | 60.6        | 84.1        | 88.8        | 97.8        | 40.6        | 17.8        | 14.2        | 16.4        | 14.0        | 11.1        | 11.6        |
| 82,5°        | 7.5                          | 5.6        | 9.8         | 16.6        | 21.5        | 20.4        | 10.9        | 7.9         | 8.8         | 8.6         | 8.9         | 5.8         | 7.0         |
| 85,0°        | 1.1                          | 1.2        | 1.1         | 1.3         | 1.4         | 1.9         | 2.3         | 2.1         | 2.2         | 2.7         | 3.5         | 2.8         | 2.3         |
| 87,5°        | 0.3                          | 0.3        | 0.3         | 0.3         | 0.4         | 0.4         | 0.5         | 0.6         | 0.6         | 0.7         | 0.8         | 0.6         | 0.5         |
| 90,0°        | 0.0                          | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         |

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|                                          |                              |                                                  |             |             |            |       |              |              |              |                            |              |                        |              |
|------------------------------------------|------------------------------|--------------------------------------------------|-------------|-------------|------------|-------|--------------|--------------|--------------|----------------------------|--------------|------------------------|--------------|
| Family<br>Streetlight 21 mini LED        |                              | Order number: 5XE2C43S08JB<br>EAN: 4058352725047 |             |             |            |       |              |              |              |                            |              | LP number<br>59082_724 |              |
| 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°                                     | 274.7                        | 274.7                                            | 274.7       | 274.7       | 274.7      | 274.7 | 274.7        | 274.7        | 274.7        | 274.7                      | 274.7        | 274.7                  | 274.7        |
| 2,5°                                     | 277.3                        | 277.3                                            | 277.6       | 276.6       | 277.0      | 276.8 | 270.8        | 271.1        | 270.4        | 270.8                      | 270.2        | 268.3                  | 267.7        |
| 5,0°                                     | 281.9                        | 281.9                                            | 278.2       | 280.1       | 281.1      | 280.6 | 273.6        | 273.0        | 271.7        | 271.1                      | 269.1        | 268.2                  | 265.4        |
| 7,5°                                     | 283.5                        | 282.9                                            | 281.4       | 281.0       | 282.1      | 285.4 | 268.8        | 268.8        | 268.5        | 268.8                      | 266.7        | 267.0                  | 264.4        |
| 10,0°                                    | 279.2                        | 274.9                                            | 270.8       | 268.5       | 269.2      | 267.3 | 274.9        | 272.6        | 270.4        | 268.7                      | 265.5        | 260.5                  | 259.1        |
| 12,5°                                    | 272.1                        | 272.1                                            | 273.6       | 269.2       | 269.2      | 273.1 | 277.7        | 274.5        | 270.9        | 266.6                      | 261.3        | 260.1                  | 257.8        |
| 15,0°                                    | 276.2                        | 274.6                                            | 273.2       | 280.0       | 279.6      | 277.2 | 274.9        | 270.0        | 268.0        | 265.6                      | 261.1        | 253.1                  | 248.9        |
| 17,5°                                    | 285.8                        | 287.0                                            | 285.3       | 286.6       | 289.2      | 292.9 | 272.7        | 272.3        | 268.1        | 263.3                      | 259.7        | 253.3                  | 247.5        |
| 20,0°                                    | 299.1                        | 299.4                                            | 301.3       | 300.1       | 304.9      | 307.8 | 276.8        | 266.0        | 261.2        | 262.0                      | 255.9        | 246.8                  | 236.8        |
| 22,5°                                    | 313.3                        | 316.0                                            | 319.4       | 316.6       | 317.2      | 315.9 | 280.7        | 268.4        | 257.6        | 254.4                      | 250.0        | 238.1                  | 227.3        |
| 25,0°                                    | 332.9                        | 331.7                                            | 329.1       | 327.2       | 327.4      | 329.8 | 278.2        | 269.4        | 260.1        | 257.0                      | 246.4        | 228.9                  | 216.0        |
| 27,5°                                    | 347.9                        | 343.4                                            | 339.0       | 334.3       | 330.1      | 327.7 | 279.9        | 264.3        | 260.3        | 256.8                      | 239.8        | 225.1                  | 209.4        |
| 30,0°                                    | 360.9                        | 348.0                                            | 335.3       | 330.2       | 324.7      | 321.0 | 279.0        | 262.4        | 253.7        | 250.7                      | 238.4        | 217.0                  | 198.0        |
| 32,5°                                    | 362.6                        | 347.1                                            | 334.4       | 330.4       | 326.1      | 322.8 | 284.1        | 262.1        | 247.8        | 248.2                      | 226.8        | 210.6                  | 193.3        |
| 35,0°                                    | 356.8                        | 346.6                                            | 334.7       | 336.8       | 328.1      | 328.1 | 280.8        | 258.0        | 245.4        | 238.4                      | 219.8        | 203.2                  | 186.8        |
| 37,5°                                    | 357.5                        | 341.5                                            | 333.2       | 324.9       | 314.7      | 314.6 | 279.2        | 255.9        | 235.7        | 231.4                      | 214.7        | 193.6                  | 178.6        |
| 40,0°                                    | 343.5                        | 323.7                                            | 301.8       | 292.7       | 285.0      | 281.8 | 278.8        | 246.9        | 227.6        | 225.6                      | 204.9        | 186.4                  | 162.2        |
| 42,5°                                    | 311.3                        | 283.7                                            | 259.6       | 245.5       | 240.5      | 235.1 | 275.8        | 245.2        | 222.6        | 215.5                      | 197.8        | 175.8                  | 147.6        |
| 45,0°                                    | 263.6                        | 240.0                                            | 225.9       | 210.9       | 205.5      | 204.7 | 269.5        | 235.2        | 213.4        | 208.3                      | 188.9        | 160.6                  | 131.2        |
| 47,5°                                    | 233.5                        | 212.2                                            | 205.2       | 196.9       | 185.3      | 190.2 | 264.3        | 230.8        | 205.4        | 199.3                      | 173.8        | 140.3                  | 115.6        |
| 50,0°                                    | 214.5                        | 200.5                                            | 186.8       | 176.0       | 167.7      | 165.6 | 259.0        | 220.9        | 196.2        | 188.8                      | 159.4        | 120.1                  | 101.4        |
| 52,5°                                    | 202.4                        | 173.0                                            | 153.3       | 144.0       | 132.9      | 132.1 | 254.9        | 217.3        | 187.5        | 179.0                      | 145.3        | 98.1                   | 84.8         |
| 55,0°                                    | 178.1                        | 146.2                                            | 127.0       | 120.0       | 107.8      | 104.8 | 250.8        | 214.4        | 186.5        | 170.5                      | 129.2        | 82.5                   | 73.4         |
| 57,5°                                    | 142.5                        | 118.4                                            | 102.4       | 94.4        | 89.3       | 85.3  | 251.0        | 212.9        | 185.8        | 169.2                      | 115.7        | 71.1                   | 65.4         |
| 60,0°                                    | 95.2                         | 80.8                                             | 77.5        | 71.8        | 71.2       | 69.8  | 251.1        | 218.4        | 187.0        | 167.7                      | 103.8        | 61.3                   | 59.6         |
| 62,5°                                    | 58.0                         | 54.8                                             | 52.2        | 54.7        | 53.3       | 54.6  | 253.1        | 214.1        | 180.6        | 159.5                      | 93.9         | 56.2                   | 53.4         |
| 65,0°                                    | 44.4                         | 44.5                                             | 46.9        | 43.2        | 43.6       | 44.1  | 259.8        | 218.3        | 176.5        | 135.3                      | 87.7         | 51.0                   | 49.2         |
| 67,5°                                    | 38.9                         | 35.1                                             | 35.0        | 34.1        | 33.4       | 32.4  | 277.4        | 228.7        | 169.2        | 111.0                      | 72.7         | 44.8                   | 40.8         |
| 70,0°                                    | 31.2                         | 27.0                                             | 26.8        | 26.1        | 26.1       | 26.6  | 284.4        | 224.8        | 144.3        | 80.0                       | 58.1         | 39.0                   | 36.7         |
| 72,5°                                    | 24.4                         | 22.5                                             | 22.5        | 20.4        | 21.1       | 21.5  | 265.5        | 198.7        | 107.9        | 53.5                       | 43.1         | 34.7                   | 32.8         |
| 75,0°                                    | 18.8                         | 17.1                                             | 17.9        | 17.0        | 16.6       | 16.3  | 204.9        | 133.2        | 50.6         | 34.4                       | 32.4         | 29.0                   | 26.8         |
| 77,5°                                    | 14.7                         | 13.5                                             | 12.8        | 12.5        | 12.8       | 12.8  | 119.2        | 54.2         | 11.6         | 23.6                       | 21.2         | 18.0                   | 18.4         |
| 80,0°                                    | 10.6                         | 10.1                                             | 9.1         | 8.6         | 8.6        | 8.1   | 33.5         | 11.1         | 7.6          | 13.9                       | 11.9         | 10.5                   | 10.2         |
| 82,5°                                    | 7.3                          | 6.2                                              | 6.1         | 5.6         | 4.9        | 5.4   | 5.5          | 2.7          | 2.8          | 3.8                        | 4.3          | 3.5                    | 2.3          |
| 85,0°                                    | 3.5                          | 3.6                                              | 2.8         | 2.5         | 2.0        | 2.1   | 1.1          | 1.0          | 0.9          | 0.9                        | 0.8          | 0.7                    | 0.4          |
| 87,5°                                    | 0.7                          | 0.6                                              | 0.5         | 0.5         | 0.4        | 0.4   | 0.3          | 0.2          | 0.2          | 0.2                        | 0.2          | 0.1                    | 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          |

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| Family                                   |                              |              |              | Order number: 5XE2C43S08JB |              |              |              |              |              |              |       | LP number                  |                   |        |  |
|------------------------------------------|------------------------------|--------------|--------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------------|-------------------|--------|--|
| Streetlight 21 mini LED                  |                              |              |              | EAN: 4058352725047         |              |              |              |              |              |              |       | 59082_724                  |                   |        |  |
| Table of values for luminous intensities |                              |              |              |                            |              |              |              |              |              |              |       | Maximum luminous intensity |                   | sīteco |  |
| C-planes                                 | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305°               | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270°  | Phi-zone                   | Total<br>Phi-zone |        |  |
| γ                                        | Luminous intensity in cd/klm |              |              |                            |              |              |              |              |              |              |       | Luminous flux in lm/klm    |                   |        |  |
| 0,0°                                     | 274.7                        | 274.7        | 274.7        | 274.7                      | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7        | 274.7 | 0.4                        | 0.4               |        |  |
| 2,5°                                     | 266.9                        | 268.1        | 268.2        | 268.7                      | 268.5        | 267.1        | 267.0        | 267.7        | 267.4        | 266.6        | 267.0 | 3.3                        | 3.7               |        |  |
| 5,0°                                     | 263.6                        | 262.9        | 262.0        | 260.1                      | 259.5        | 259.0        | 256.6        | 256.8        | 259.2        | 257.8        | 258.3 | 6.5                        | 10.1              |        |  |
| 7,5°                                     | 260.8                        | 257.0        | 250.7        | 249.7                      | 247.6        | 246.8        | 246.7        | 245.8        | 245.3        | 247.7        | 247.1 | 9.6                        | 19.8              |        |  |
| 10,0°                                    | 252.8                        | 249.3        | 247.8        | 246.7                      | 248.4        | 244.5        | 243.4        | 240.2        | 241.8        | 240.9        | 240.4 | 12.7                       | 32.4              |        |  |
| 12,5°                                    | 253.4                        | 252.4        | 245.5        | 238.4                      | 237.7        | 235.4        | 233.8        | 229.5        | 224.3        | 224.0        | 220.7 | 15.7                       | 48.2              |        |  |
| 15,0°                                    | 244.8                        | 237.8        | 231.9        | 225.9                      | 220.6        | 215.3        | 208.8        | 208.3        | 207.9        | 205.7        | 205.7 | 18.5                       | 66.7              |        |  |
| 17,5°                                    | 234.5                        | 223.9        | 215.9        | 208.8                      | 204.9        | 202.3        | 197.0        | 195.4        | 195.9        | 193.7        | 190.2 | 21.4                       | 88.1              |        |  |
| 20,0°                                    | 225.2                        | 218.0        | 205.4        | 199.6                      | 193.3        | 189.7        | 186.4        | 179.5        | 178.4        | 175.2        | 173.3 | 24.2                       | 112.4             |        |  |
| 22,5°                                    | 216.7                        | 204.6        | 199.4        | 191.6                      | 182.0        | 178.9        | 173.7        | 168.4        | 165.9        | 162.8        | 162.3 | 27.2                       | 139.6             |        |  |
| 25,0°                                    | 204.9                        | 195.2        | 187.0        | 178.8                      | 174.1        | 164.7        | 158.3        | 153.2        | 148.3        | 147.1        | 145.5 | 30.2                       | 169.8             |        |  |
| 27,5°                                    | 196.3                        | 186.4        | 178.9        | 166.9                      | 161.7        | 149.4        | 143.4        | 139.0        | 134.8        | 135.6        | 133.7 | 33.1                       | 202.9             |        |  |
| 30,0°                                    | 190.9                        | 177.5        | 163.1        | 156.2                      | 146.5        | 137.9        | 134.3        | 127.6        | 124.1        | 121.6        | 122.6 | 35.7                       | 238.6             |        |  |
| 32,5°                                    | 181.0                        | 165.6        | 154.2        | 144.9                      | 134.1        | 130.0        | 128.2        | 124.1        | 121.8        | 116.9        | 115.9 | 38.6                       | 277.2             |        |  |
| 35,0°                                    | 167.7                        | 157.4        | 146.1        | 134.8                      | 131.4        | 126.8        | 124.8        | 120.5        | 110.3        | 104.9        | 101.4 | 41.3                       | 318.5             |        |  |
| 37,5°                                    | 156.7                        | 145.7        | 133.9        | 129.2                      | 129.2        | 125.7        | 115.5        | 103.4        | 94.2         | 86.0         | 85.0  | 43.7                       | 362.2             |        |  |
| 40,0°                                    | 146.9                        | 134.3        | 126.9        | 126.3                      | 125.9        | 115.4        | 98.8         | 88.6         | 77.3         | 72.8         | 71.3  | 45.3                       | 407.5             |        |  |
| 42,5°                                    | 136.5                        | 122.6        | 122.7        | 123.6                      | 114.3        | 99.3         | 84.3         | 75.2         | 69.8         | 69.3         | 65.6  | 46.2                       | 453.8             |        |  |
| 45,0°                                    | 120.9                        | 117.7        | 119.9        | 119.0                      | 104.2        | 85.2         | 72.0         | 67.4         | 65.3         | 64.5         | 65.6  | 46.5                       | 500.3             |        |  |
| 47,5°                                    | 109.1                        | 110.0        | 113.2        | 107.7                      | 88.8         | 73.6         | 66.8         | 64.8         | 64.8         | 63.5         | 63.4  | 46.7                       | 547.0             |        |  |
| 50,0°                                    | 97.5                         | 101.6        | 105.2        | 92.5                       | 74.5         | 65.6         | 61.9         | 61.6         | 59.1         | 61.3         | 61.0  | 46.7                       | 593.7             |        |  |
| 52,5°                                    | 89.6                         | 92.9         | 95.0         | 80.0                       | 65.9         | 60.3         | 58.1         | 59.1         | 57.5         | 56.6         | 56.1  | 46.3                       | 640.0             |        |  |
| 55,0°                                    | 78.3                         | 80.4         | 76.2         | 65.5                       | 57.9         | 54.0         | 55.5         | 52.2         | 52.9         | 52.4         | 56.0  | 45.7                       | 685.7             |        |  |
| 57,5°                                    | 69.5                         | 67.7         | 63.9         | 52.8                       | 49.8         | 49.5         | 49.4         | 50.2         | 47.3         | 48.6         | 48.1  | 45.3                       | 730.9             |        |  |
| 60,0°                                    | 61.6                         | 59.4         | 53.6         | 47.0                       | 46.1         | 44.6         | 45.2         | 44.1         | 43.4         | 43.0         | 43.3  | 44.1                       | 775.0             |        |  |
| 62,5°                                    | 55.6                         | 50.3         | 44.1         | 41.3                       | 40.6         | 40.9         | 40.9         | 39.6         | 40.9         | 39.1         | 37.9  | 42.3                       | 817.3             |        |  |
| 65,0°                                    | 46.5                         | 42.0         | 38.0         | 35.8                       | 35.8         | 36.1         | 35.5         | 33.9         | 31.7         | 32.0         | 31.7  | 40.2                       | 857.5             |        |  |
| 67,5°                                    | 39.5                         | 36.1         | 31.5         | 29.7                       | 29.9         | 29.1         | 27.9         | 25.5         | 23.3         | 22.3         | 22.6  | 38.2                       | 895.8             |        |  |
| 70,0°                                    | 34.2                         | 29.3         | 27.2         | 25.7                       | 24.5         | 22.3         | 19.1         | 14.7         | 12.3         | 10.1         | 9.4   | 34.5                       | 930.3             |        |  |
| 72,5°                                    | 27.0                         | 24.4         | 22.8         | 20.1                       | 17.7         | 12.1         | 9.4          | 6.3          | 4.4          | 4.3          | 4.3   | 28.9                       | 959.1             |        |  |
| 75,0°                                    | 21.4                         | 18.1         | 16.5         | 13.1                       | 8.9          | 5.4          | 3.9          | 2.7          | 2.0          | 1.9          | 2.4   | 21.1                       | 980.3             |        |  |
| 77,5°                                    | 15.3                         | 10.9         | 8.3          | 5.4                        | 3.5          | 2.1          | 1.3          | 1.0          | 0.9          | 1.0          | 1.4   | 12.6                       | 992.9             |        |  |
| 80,0°                                    | 7.1                          | 3.9          | 2.2          | 1.4                        | 0.8          | 0.5          | 0.4          | 0.4          | 0.3          | 0.4          | 0.4   | 5.2                        | 998.0             |        |  |
| 82,5°                                    | 1.4                          | 0.6          | 0.3          | 0.2                        | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.1          | 0.2   | 1.5                        | 999.6             |        |  |
| 85,0°                                    | 0.2                          | 0.1          | 0.0          | 0.0                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.4                        | 999.9             |        |  |
| 87,5°                                    | 0.0                          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.1                        | 1000.0            |        |  |
| 90,0°                                    | 0.0                          | 0.0          | 0.0          | 0.0                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0   | 0.0                        | 1000.0            |        |  |

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

## Photometric test report

|                                          |                                                                |                                 |
|------------------------------------------|----------------------------------------------------------------|---------------------------------|
| Family<br><b>Streetlight 21 mini LED</b> | Order number: <b>5XE2C43S08JB</b><br>EAN: <b>4058352725047</b> | LP number<br><b>59082_724</b>   |
| Dimming levels table                     |                                                                | environmental temperature: 25°C |
|                                          |                                                                | <b>sit</b> eco                  |

| 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                       | 13500              | 88.6                                       | 91.7                                     | 90.2                             |
| 95              | 239                  | 252                       | 12824              | 83.1                                       | 86.0                                     | 84.6                             |
| 90              | 224                  | 249                       | 12140              | 77.7                                       | 80.4                                     | 79.1                             |
| 85              | 210                  | 247                       | 11488              | 72.6                                       | 75.1                                     | 73.8                             |
| 80              | 195                  | 244                       | 10778              | 67.4                                       | 69.5                                     | 68.4                             |
| 75              | 182                  | 242                       | 10144              | 63.2                                       | 65.1                                     | 64.2                             |
| 70              | 168                  | 239                       | 9446               | 58.4                                       | 60.3                                     | 59.4                             |
| 65              | 155                  | 236                       | 8791               | 54.1                                       | 55.8                                     | 55.0                             |
| 60              | 142                  | 233                       | 8125               | 49.6                                       | 51.2                                     | 50.4                             |
| 55              | 129                  | 229                       | 7445               | 45.1                                       | 46.6                                     | 45.8                             |
| 50              | 116                  | 225                       | 6751               | 40.6                                       | 42.0                                     | 41.3                             |
| 45              | 103                  | 221                       | 6048               | 36.1                                       | 37.3                                     | 36.7                             |
| 40              | 91                   | 216                       | 5389               | 32.2                                       | 33.2                                     | 32.7                             |
| 35              | 79                   | 211                       | 4721               | 28.3                                       | 29.1                                     | 28.7                             |
| 30              | 67                   | 205                       | 4041               | 24.3                                       | 25.0                                     | 24.6                             |
| 25              | 55                   | 198                       | 3352               | 20.3                                       | 20.9                                     | 20.6                             |
| 20              | 44                   | 190                       | 2713               | 16.5                                       | 17.0                                     | 16.8                             |
| 15              | 32                   | 178                       | 2007               | 12.1                                       | 12.5                                     | 12.3                             |
| 14              | 31                   | 177                       | 1948               | 11.8                                       | 12.1                                     | 12.0                             |

| Dimming levels table |                      | environmental temperature: 5°C |                    |                                            |                                          |                                  |
|----------------------|----------------------|--------------------------------|--------------------|--------------------------------------------|------------------------------------------|----------------------------------|
| 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                            | 13860              | 89.7                                       | 92.8                                     | 91.2                             |
| 95                   | 239                  | 252                            | 13152              | 84.2                                       | 87.1                                     | 85.6                             |
| 90                   | 225                  | 250                            | 12484              | 79.0                                       | 81.8                                     | 80.4                             |
| 85                   | 211                  | 247                            | 11803              | 73.9                                       | 76.4                                     | 75.2                             |
| 80                   | 196                  | 245                            | 11064              | 68.7                                       | 70.8                                     | 69.8                             |
| 75                   | 183                  | 242                            | 10407              | 64.3                                       | 66.3                                     | 65.3                             |
| 70                   | 169                  | 239                            | 9687               | 59.6                                       | 61.5                                     | 60.6                             |
| 65                   | 156                  | 236                            | 9011               | 55.1                                       | 56.9                                     | 56.0                             |
| 60                   | 143                  | 233                            | 8325               | 50.7                                       | 52.2                                     | 51.4                             |
| 55                   | 130                  | 229                            | 7627               | 46.1                                       | 47.6                                     | 46.8                             |
| 50                   | 117                  | 226                            | 6917               | 41.6                                       | 43.0                                     | 42.3                             |
| 45                   | 105                  | 222                            | 6254               | 37.4                                       | 38.6                                     | 38.0                             |
| 40                   | 92                   | 217                            | 5526               | 33.0                                       | 34.0                                     | 33.5                             |
| 35                   | 80                   | 212                            | 4844               | 29.0                                       | 29.9                                     | 29.4                             |
| 30                   | 68                   | 206                            | 4153               | 25.0                                       | 25.8                                     | 25.4                             |
| 25                   | 56                   | 199                            | 3454               | 20.9                                       | 21.6                                     | 21.2                             |
| 20                   | 44                   | 190                            | 2746               | 16.8                                       | 17.3                                     | 17.0                             |
| 15                   | 33                   | 179                            | 2090               | 12.8                                       | 13.2                                     | 13.0                             |
| 14                   | 31                   | 177                            | 1970               | 12.0                                       | 12.4                                     | 12.2                             |

Photometric test report

|                                   |                                                  |                                 |
|-----------------------------------|--------------------------------------------------|---------------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2C43S08JB<br>EAN: 4058352725047 | LP number<br>59082_724          |
| Dimming levels table              |                                                  | environmental temperature: 15°C |

siteco

| Luminous flux<br>% | Dimming level<br>linear | Dimming level<br>logarithmic | Luminous flux<br>[lm] | Power consumption<br>[W]<br>start of lifetime | Power consumption<br>[W]<br>end of lifetime | Power consumption<br>[W]<br>average |
|--------------------|-------------------------|------------------------------|-----------------------|-----------------------------------------------|---------------------------------------------|-------------------------------------|
| 100                | 254                     | 254                          | 13690                 | 89.1                                          | 92.2                                        | 90.6                                |
| 95                 | 239                     | 252                          | 12997                 | 83.6                                          | 86.5                                        | 85.0                                |
| 90                 | 225                     | 250                          | 12344                 | 78.5                                          | 81.3                                        | 79.9                                |
| 85                 | 210                     | 247                          | 11629                 | 73.1                                          | 75.6                                        | 74.4                                |
| 80                 | 196                     | 245                          | 10953                 | 68.2                                          | 70.3                                        | 69.2                                |
| 75                 | 182                     | 242                          | 10256                 | 63.6                                          | 65.6                                        | 64.6                                |
| 70                 | 169                     | 239                          | 9598                  | 59.1                                          | 61.1                                        | 60.1                                |
| 65                 | 155                     | 236                          | 8879                  | 54.4                                          | 56.2                                        | 55.3                                |
| 60                 | 142                     | 233                          | 8203                  | 49.9                                          | 51.5                                        | 50.7                                |
| 55                 | 129                     | 229                          | 7512                  | 45.4                                          | 47.0                                        | 46.2                                |
| 50                 | 117                     | 226                          | 6865                  | 41.3                                          | 42.7                                        | 42.0                                |
| 45                 | 104                     | 221                          | 6154                  | 36.8                                          | 38.0                                        | 37.4                                |
| 40                 | 92                      | 217                          | 5488                  | 32.7                                          | 33.8                                        | 33.2                                |
| 35                 | 80                      | 212                          | 4813                  | 28.8                                          | 29.7                                        | 29.2                                |
| 30                 | 68                      | 206                          | 4127                  | 24.8                                          | 25.6                                        | 25.2                                |
| 25                 | 56                      | 199                          | 3434                  | 20.8                                          | 21.4                                        | 21.1                                |
| 20                 | 44                      | 190                          | 2730                  | 16.7                                          | 17.2                                        | 17.0                                |
| 15                 | 33                      | 179                          | 2079                  | 12.6                                          | 13.0                                        | 12.8                                |
| 14                 | 31                      | 177                          | 1960                  | 11.9                                          | 12.2                                        | 12.0                                |

Photometric test report

|                                   |                                                  |                        |
|-----------------------------------|--------------------------------------------------|------------------------|
| Family<br>Streetlight 21 mini LED | Order number: 5XE2C43S08JB<br>EAN: 4058352725047 | LP number<br>59082_724 |
| Luminousfluxs table               |                                                  | siteco                 |

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 13500.0             | 88.6                   |
| 5.0               | 13860.0             | 89.7                   |
| 15.0              | 13690.0             | 89.1                   |