

## Photometric test report

Family  
Streetlight 21 mini LED

Order number: 5XE2P43S08GB  
EAN: 4058352726334

LP number  
59337\_154



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

**Optic** asymmetric, wide distribution (ST1.5a)

**Cover** toughened safety glass

**Lamps** LED 4000 K | CRI ≥ 70

**Controlgear** EVG-Smart Interface

**Rated values** Net luminous flux = 6080 lm  
Power consumption = 40.4 W  
Luminous efficacy = 150.5 lm/W

serial  
documentation  
18.07.2022

siteco

Luminous intensity in cd/klm

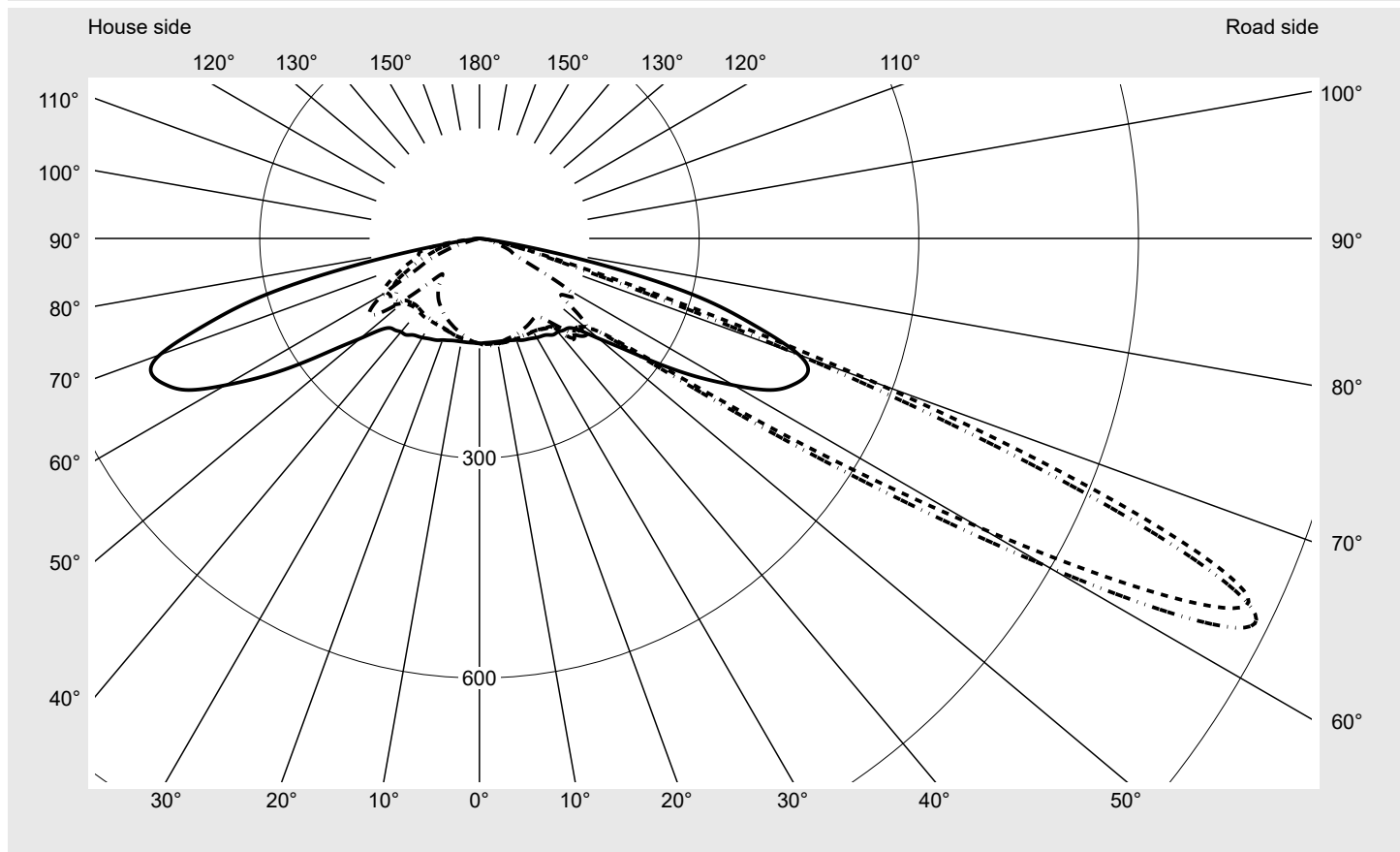
C180-0

C215-35

C217,5-37,5

C270-90

Imax: 1158 cd/klm



#### Luminaire output ratios

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

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

|           |       |
|-----------|-------|
| Class:    | ---   |
| Imax 70°  | 798.1 |
| Imax 80°  | 214.2 |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

#### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

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

**Envelope curve in cd/klm**      **KMK 65°**    **KMK 62.5°**    **KMK 60°**    **KMK 57.5°**      **siteco**



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

| C-planes | 0,0°<br>180,0°               | 2,5°<br>177,5° | 5,0°<br>175,0° | 7,5°<br>172,5° | 10,0°<br>170,0° | 12,5°<br>167,5° | 15,0°<br>165,0° | 17,5°<br>162,5° | 20,0°<br>160,0° | 22,5°<br>157,5° | 25,0°<br>155,0° | 27,5°<br>152,5° | 30,0°<br>150,0° | 32,5°<br>147,5° | 35,0°<br>145,0° |
|----------|------------------------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ        | Luminous intensity in cd/klm |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°     | 143.3                        | 143.3          | 143.3          | 143.3          | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           |
| 2,5°     | 142.8                        | 142.8          | 142.8          | 142.9          | 143.1           | 143.1           | 143.1           | 143.2           | 143.3           | 143.4           | 143.5           | 143.6           | 143.7           | 143.8           | 143.9           |
| 5,0°     | 142.7                        | 142.9          | 143.0          | 143.1          | 143.3           | 143.5           | 143.6           | 143.7           | 143.9           | 143.9           | 144.0           | 144.1           | 144.2           | 144.3           | 144.4           |
| 7,5°     | 142.8                        | 143.0          | 143.2          | 143.4          | 143.5           | 143.7           | 143.9           | 143.9           | 144.1           | 144.1           | 144.2           | 144.3           | 144.3           | 144.4           | 144.5           |
| 10,0°    | 143.0                        | 143.3          | 143.5          | 143.6          | 143.9           | 144.0           | 144.0           | 144.1           | 144.2           | 144.3           | 144.4           | 144.5           | 144.7           | 144.8           | 145.1           |
| 12,5°    | 143.4                        | 143.6          | 143.9          | 144.1          | 144.3           | 144.4           | 144.4           | 144.4           | 144.5           | 144.7           | 144.9           | 145.1           | 145.3           | 145.5           | 145.6           |
| 15,0°    | 144.2                        | 144.5          | 144.8          | 144.9          | 145.1           | 145.1           | 145.1           | 145.2           | 145.4           | 145.6           | 145.7           | 146.0           | 146.0           | 146.1           | 146.1           |
| 17,5°    | 145.8                        | 146.0          | 146.1          | 146.2          | 146.1           | 146.1           | 146.3           | 146.6           | 146.9           | 147.3           | 147.5           | 147.4           | 147.2           | 146.6           | 146.1           |
| 20,0°    | 147.6                        | 147.9          | 147.9          | 147.8          | 147.6           | 147.5           | 148.0           | 148.5           | 149.0           | 149.4           | 149.3           | 149.1           | 148.4           | 147.2           | 145.9           |
| 22,5°    | 150.4                        | 150.6          | 150.6          | 150.3          | 149.8           | 149.8           | 150.4           | 151.2           | 151.9           | 152.3           | 152.2           | 151.2           | 150.0           | 148.4           | 146.5           |
| 25,0°    | 152.1                        | 152.6          | 152.7          | 152.4          | 151.8           | 151.8           | 152.5           | 153.5           | 154.3           | 154.7           | 154.1           | 152.8           | 151.0           | 149.1           | 147.2           |
| 27,5°    | 153.8                        | 154.4          | 154.7          | 154.3          | 153.6           | 153.6           | 154.1           | 154.9           | 155.5           | 155.5           | 154.3           | 152.3           | 150.0           | 148.0           | 146.5           |
| 30,0°    | 156.3                        | 157.0          | 157.4          | 156.8          | 155.7           | 155.5           | 155.7           | 156.0           | 156.0           | 155.2           | 153.4           | 151.2           | 149.2           | 147.9           | 147.1           |
| 32,5°    | 158.1                        | 158.9          | 159.8          | 158.7          | 157.2           | 156.8           | 156.8           | 156.5           | 155.9           | 154.8           | 153.4           | 151.9           | 150.7           | 149.5           | 148.5           |
| 35,0°    | 160.7                        | 161.8          | 162.6          | 162.2          | 160.9           | 160.1           | 159.4           | 158.7           | 158.1           | 157.0           | 155.7           | 154.5           | 153.2           | 152.0           | 151.0           |
| 37,5°    | 165.7                        | 166.1          | 166.2          | 165.4          | 165.0           | 164.2           | 162.8           | 161.5           | 160.7           | 160.4           | 159.8           | 158.2           | 156.6           | 154.8           | 153.7           |
| 40,0°    | 166.6                        | 168.0          | 168.8          | 167.7          | 167.3           | 166.7           | 165.5           | 164.1           | 163.2           | 162.3           | 161.4           | 160.3           | 159.5           | 159.1           | 159.4           |
| 42,5°    | 170.0                        | 170.9          | 171.8          | 172.1          | 171.9           | 171.0           | 169.4           | 168.2           | 166.9           | 166.4           | 165.8           | 167.1           | 170.6           | 177.0           | 183.4           |
| 45,0°    | 172.8                        | 175.4          | 177.0          | 177.0          | 176.3           | 174.8           | 173.5           | 173.2           | 174.0           | 177.6           | 181.1           | 184.0           | 186.0           | 187.8           | 186.7           |
| 47,5°    | 185.7                        | 187.3          | 190.2          | 192.0          | 190.4           | 188.4           | 189.3           | 191.3           | 193.7           | 195.3           | 194.9           | 193.8           | 191.8           | 189.0           | 185.1           |
| 50,0°    | 212.4                        | 217.2          | 220.2          | 221.6          | 222.5           | 223.0           | 223.3           | 222.1           | 219.2           | 214.6           | 208.3           | 202.9           | 198.2           | 194.4           | 191.1           |
| 52,5°    | 247.1                        | 249.7          | 251.8          | 252.7          | 252.4           | 251.7           | 249.9           | 246.8           | 241.4           | 234.4           | 227.7           | 220.9           | 214.7           | 212.4           | 214.2           |
| 55,0°    | 297.3                        | 297.7          | 296.4          | 295.8          | 295.4           | 294.0           | 291.1           | 286.7           | 281.1           | 274.7           | 268.6           | 263.1           | 262.8           | 276.5           | 308.0           |
| 57,5°    | 350.8                        | 343.8          | 339.4          | 337.4          | 336.8           | 335.2           | 333.3           | 332.0           | 332.2           | 335.9           | 345.9           | 367.3           | 403.6           | 458.5           | 522.3           |
| 60,0°    | 400.7                        | 393.9          | 388.9          | 388.3          | 391.7           | 393.1           | 394.0           | 398.8           | 409.1           | 433.6           | 481.3           | 545.9           | 610.9           | 689.2           | 790.7           |
| 62,5°    | 448.1                        | 436.0          | 433.8          | 435.8          | 444.3           | 452.1           | 463.5           | 487.0           | 523.4           | 578.3           | 647.3           | 725.1           | 813.3           | 924.2           | 1055.4          |
| 65,0°    | 472.5                        | 462.3          | 461.7          | 467.0          | 482.8           | 501.3           | 531.4           | 575.9           | 629.5           | 700.3           | 778.1           | 870.7           | 989.9           | 1101.5          | 1157.9          |
| 67,5°    | 484.2                        | 471.1          | 471.3          | 481.5          | 504.1           | 534.5           | 585.0           | 642.0           | 703.7           | 780.6           | 869.3           | 953.0           | 995.9           | 986.1           | 943.8           |
| 70,0°    | 464.4                        | 449.7          | 450.7          | 467.4          | 493.7           | 530.1           | 578.7           | 634.7           | 700.5           | 767.2           | 798.1           | 784.8           | 735.5           | 664.7           | 573.7           |
| 72,5°    | 392.8                        | 388.4          | 393.0          | 413.7          | 440.2           | 469.5           | 503.0           | 541.4           | 565.4           | 566.1           | 534.9           | 483.8           | 414.8           | 333.4           | 252.8           |
| 75,0°    | 312.1                        | 307.6          | 313.3          | 327.7          | 348.5           | 372.0           | 389.6           | 388.5           | 368.3           | 332.7           | 294.3           | 244.7           | 190.7           | 137.0           | 105.3           |
| 77,5°    | 189.9                        | 195.2          | 198.5          | 206.5          | 221.1           | 230.8           | 229.7           | 213.5           | 188.8           | 161.7           | 132.1           | 99.8            | 74.0            | 60.2            | 51.1            |
| 80,0°    | 70.3                         | 62.4           | 59.0           | 57.6           | 57.7            | 62.9            | 73.3            | 71.0            | 58.9            | 47.0            | 36.3            | 30.1            | 27.5            | 25.5            | 23.4            |
| 82,5°    | 14.9                         | 14.1           | 13.5           | 13.4           | 13.9            | 14.7            | 15.6            | 15.7            | 14.3            | 11.7            | 10.5            | 10.4            | 10.5            | 10.5            | 10.1            |
| 85,0°    | 4.1                          | 4.1            | 4.0            | 4.1            | 4.1             | 4.1             | 4.2             | 4.2             | 4.1             | 4.1             | 4.1             | 4.0             | 4.0             | 3.9             | 3.8             |
| 87,5°    | 2.1                          | 2.1            | 2.1            | 2.2            | 2.2             | 2.2             | 2.1             | 2.1             | 2.1             | 2.0             | 1.9             | 1.9             | 1.9             | 1.8             | 1.8             |
| 90,0°    | 0.0                          | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |

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

| C-planes | 37,5°<br>142,5°              | 40,0°<br>140,0° | 42,5°<br>137,5° | 45,0°<br>135,0° | 47,5°<br>132,5° | 50,0°<br>130,0° | 52,5°<br>127,5° | 55,0°<br>125,0° | 57,5°<br>122,5° | 60,0°<br>120,0° | 62,5°<br>117,5° | 65,0°<br>115,0° | 67,5°<br>112,5° | 70,0°<br>110,0° | 72,5°<br>107,5° |
|----------|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| γ        | Luminous intensity in cd/klm |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 0,0°     | 143.3                        | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           | 143.3           |
| 2,5°     | 144.1                        | 144.2           | 144.3           | 144.4           | 144.4           | 144.6           | 144.8           | 144.9           | 145.0           | 145.1           | 145.1           | 145.2           | 145.2           | 145.2           | 145.3           |
| 5,0°     | 144.5                        | 144.7           | 144.8           | 144.9           | 144.9           | 145.1           | 145.2           | 145.4           | 145.6           | 145.6           | 145.7           | 145.8           | 145.9           | 146.0           | 146.1           |
| 7,5°     | 144.7                        | 144.9           | 145.1           | 145.2           | 145.4           | 145.6           | 145.8           | 146.1           | 146.2           | 146.5           | 146.7           | 146.8           | 146.9           | 147.0           | 147.1           |
| 10,0°    | 145.2                        | 145.5           | 145.7           | 145.9           | 146.1           | 146.2           | 146.3           | 146.5           | 146.6           | 146.7           | 146.7           | 146.7           | 146.6           | 146.6           | 146.5           |
| 12,5°    | 145.7                        | 145.9           | 146.1           | 146.1           | 146.1           | 146.0           | 146.0           | 145.9           | 145.6           | 145.4           | 145.2           | 145.0           | 144.8           | 144.7           | 144.6           |
| 15,0°    | 146.1                        | 145.9           | 145.6           | 145.1           | 144.7           | 144.3           | 144.0           | 143.8           | 143.5           | 143.3           | 143.0           | 142.7           | 142.5           | 142.4           | 142.3           |
| 17,5°    | 145.3                        | 144.7           | 144.1           | 143.4           | 142.7           | 142.2           | 141.7           | 141.5           | 141.3           | 141.2           | 141.2           | 141.0           | 141.0           | 140.9           | 141.0           |
| 20,0°    | 144.5                        | 143.3           | 142.3           | 141.7           | 141.2           | 140.9           | 140.5           | 140.5           | 140.3           | 140.4           | 140.3           | 140.3           | 140.3           | 140.4           | 140.3           |
| 22,5°    | 144.7                        | 143.2           | 142.2           | 141.4           | 140.9           | 140.6           | 140.5           | 140.3           | 140.1           | 140.1           | 140.1           | 140.1           | 140.1           | 140.0           | 140.0           |
| 25,0°    | 145.3                        | 143.8           | 142.6           | 141.9           | 141.4           | 141.1           | 140.9           | 140.7           | 140.4           | 140.1           | 139.9           | 139.6           | 139.2           | 139.0           | 138.7           |
| 27,5°    | 145.4                        | 144.7           | 144.0           | 143.4           | 142.6           | 142.1           | 141.4           | 140.8           | 140.1           | 139.5           | 138.8           | 138.3           | 138.0           | 137.7           | 137.4           |
| 30,0°    | 146.6                        | 146.3           | 146.1           | 145.6           | 144.4           | 143.1           | 141.8           | 140.7           | 139.7           | 138.9           | 138.3           | 137.6           | 137.1           | 136.7           | 136.2           |
| 32,5°    | 147.9                        | 148.3           | 149.4           | 149.2           | 147.7           | 145.3           | 143.3           | 141.7           | 140.4           | 139.2           | 138.3           | 137.2           | 136.3           | 135.5           | 134.8           |
| 35,0°    | 150.4                        | 150.2           | 150.8           | 151.6           | 149.9           | 147.1           | 144.6           | 142.5           | 140.6           | 139.0           | 137.8           | 136.6           | 135.8           | 134.9           | 134.1           |
| 37,5°    | 152.8                        | 151.9           | 150.7           | 149.7           | 150.1           | 149.1           | 146.8           | 143.8           | 141.6           | 139.8           | 138.4           | 136.9           | 135.7           | 134.7           | 134.1           |
| 40,0°    | 161.0                        | 164.5           | 168.6           | 171.3           | 172.7           | 172.2           | 170.1           | 166.1           | 160.9           | 154.8           | 148.7           | 143.6           | 140.7           | 139.7           | 140.2           |
| 42,5°    | 186.8                        | 187.3           | 186.7           | 184.0           | 179.0           | 173.8           | 170.0           | 166.2           | 161.1           | 157.4           | 154.7           | 152.9           | 152.7           | 153.8           | 155.1           |
| 45,0°    | 182.8                        | 178.9           | 174.1           | 169.8           | 166.6           | 164.1           | 163.1           | 163.3           | 163.6           | 164.9           | 166.2           | 167.6           | 169.7           | 172.0           | 174.0           |
| 47,5°    | 180.0                        | 176.2           | 173.4           | 171.2           | 170.1           | 170.8           | 172.0           | 175.4           | 179.8           | 184.3           | 187.4           | 189.6           | 191.8           | 193.5           | 194.1           |
| 50,0°    | 187.5                        | 185.2           | 183.9           | 184.0           | 187.3           | 192.4           | 199.0           | 205.3           | 210.0           | 214.2           | 216.3           | 214.8           | 212.0           | 209.8           | 207.2           |
| 52,5°    | 218.8                        | 227.2           | 239.6           | 251.9           | 261.3           | 267.0           | 266.2           | 261.5           | 253.9           | 247.3           | 244.9           | 235.9           | 226.3           | 216.2           | 206.7           |
| 55,0°    | 351.2                        | 391.6           | 419.1           | 432.1           | 429.9           | 408.9           | 375.3           | 339.6           | 313.6           | 292.8           | 274.7           | 252.0           | 228.2           | 207.5           | 190.9           |
| 57,5°    | 595.6                        | 660.1           | 690.6           | 669.0           | 605.5           | 526.5           | 457.2           | 401.8           | 358.6           | 321.1           | 285.3           | 254.5           | 229.7           | 207.0           | 188.8           |
| 60,0°    | 897.1                        | 959.8           | 952.8           | 864.4           | 739.0           | 609.8           | 497.0           | 406.8           | 334.3           | 285.2           | 249.3           | 216.0           | 196.1           | 183.8           | 174.5           |
| 62,5°    | 1147.2                       | 1145.6          | 1075.2          | 953.7           | 783.7           | 604.3           | 437.1           | 316.8           | 238.8           | 187.0           | 157.2           | 140.6           | 129.3           | 119.9           | 112.9           |
| 65,0°    | 1140.2                       | 1062.0          | 943.2           | 776.3           | 584.1           | 406.2           | 271.7           | 178.5           | 129.0           | 102.9           | 90.7            | 82.1            | 76.9            | 71.7            | 67.6            |
| 67,5°    | 852.9                        | 715.2           | 554.7           | 398.3           | 252.6           | 153.7           | 106.1           | 81.9            | 70.1            | 64.3            | 61.5            | 59.7            | 59.3            | 58.8            | 56.0            |
| 70,0°    | 460.6                        | 337.8           | 231.0           | 155.4           | 103.2           | 75.1            | 62.5            | 55.5            | 51.5            | 49.6            | 48.1            | 46.9            | 45.9            | 46.1            | 46.2            |
| 72,5°    | 182.3                        | 140.9           | 106.6           | 78.2            | 58.1            | 47.0            | 41.2            | 38.6            | 37.0            | 36.0            | 35.6            | 34.2            | 33.6            | 32.9            | 27.9            |
| 75,0°    | 85.2                         | 71.5            | 56.9            | 44.0            | 35.4            | 29.8            | 27.3            | 26.0            | 25.1            | 24.5            | 24.2            | 23.4            | 22.1            | 19.8            | 19.4            |
| 77,5°    | 44.0                         | 38.2            | 31.8            | 25.6            | 21.3            | 19.0            | 18.3            | 17.5            | 16.9            | 16.5            | 16.3            | 15.8            | 15.2            | 14.8            | 14.4            |
| 80,0°    | 21.2                         | 19.3            | 16.6            | 14.1            | 12.4            | 11.8            | 11.6            | 11.4            | 11.0            | 10.9            | 10.7            | 10.4            | 10.1            | 9.9             | 9.7             |
| 82,5°    | 9.4                          | 8.9             | 8.3             | 7.5             | 6.9             | 6.6             | 6.7             | 6.7             | 6.6             | 6.4             | 6.3             | 6.2             | 6.0             | 5.8             | 5.8             |
| 85,0°    | 3.6                          | 3.6             | 3.5             | 3.3             | 3.2             | 3.2             | 3.2             | 3.1             | 3.0             | 2.9             | 2.8             | 2.8             | 2.8             | 2.6             | 2.6             |
| 87,5°    | 1.7                          | 1.6             | 1.6             | 1.5             | 1.5             | 1.4             | 1.3             | 1.3             | 1.3             | 1.1             | 1.1             | 1.1             | 1.1             | 1.0             | 0.9             |
| 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             | 0.0             | 0.0             |

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



### Table of values for luminous intensities Maximum luminous intensity

| C-planes | 75,0°<br>105,0°              | 77,5°<br>102,5° | 80,0°<br>100,0° | 82,5°<br>97,5° | 85,0°<br>95,0° | 87,5°<br>92,5° | 90,0° | 182,5°<br>357,5° | 185,0°<br>355,0° | 187,5°<br>352,5° | 190,0°<br>350,0° | 192,5°<br>347,5° | 195,0°<br>345,0° | 197,5°<br>342,5° | 200,0°<br>340,0° |
|----------|------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ        | Luminous intensity in cd/klm |                 |                 |                |                |                |       |                  |                  |                  |                  |                  |                  |                  |                  |
| 0,0°     | 143.3                        | 143.3           | 143.3           | 143.3          | 143.3          | 143.3          | 143.3 | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            |
| 2,5°     | 145.3                        | 145.4           | 145.4           | 145.5          | 145.6          | 145.6          | 145.6 | 142.6            | 142.5            | 142.3            | 142.2            | 142.2            | 142.1            | 142.1            | 142.1            |
| 5,0°     | 146.1                        | 146.2           | 146.3           | 146.4          | 146.4          | 146.5          | 146.5 | 142.6            | 142.3            | 142.0            | 141.8            | 141.7            | 141.5            | 141.4            | 141.3            |
| 7,5°     | 147.2                        | 147.2           | 147.4           | 147.4          | 147.4          | 147.4          | 147.4 | 142.5            | 142.2            | 141.9            | 141.5            | 141.3            | 141.0            | 140.9            | 140.6            |
| 10,0°    | 146.5                        | 146.6           | 146.6           | 146.5          | 146.5          | 146.5          | 146.5 | 142.6            | 142.2            | 141.8            | 141.4            | 141.0            | 140.9            | 140.5            | 140.2            |
| 12,5°    | 144.4                        | 144.5           | 144.4           | 144.4          | 144.3          | 144.3          | 144.2 | 142.9            | 142.4            | 142.0            | 141.5            | 141.1            | 140.7            | 140.4            | 139.9            |
| 15,0°    | 142.2                        | 142.2           | 142.3           | 142.3          | 142.3          | 142.3          | 142.2 | 143.8            | 143.3            | 142.8            | 142.3            | 141.9            | 141.5            | 141.2            | 140.7            |
| 17,5°    | 141.1                        | 141.2           | 141.3           | 141.4          | 141.4          | 141.4          | 141.4 | 145.2            | 144.8            | 144.3            | 143.6            | 143.0            | 142.4            | 141.8            | 140.8            |
| 20,0°    | 140.4                        | 140.5           | 140.5           | 140.7          | 140.8          | 140.8          | 140.8 | 147.3            | 146.5            | 145.6            | 144.8            | 143.9            | 143.0            | 141.8            | 140.5            |
| 22,5°    | 139.9                        | 139.8           | 139.7           | 139.7          | 139.6          | 139.7          | 139.6 | 149.4            | 148.7            | 147.6            | 146.5            | 145.5            | 144.1            | 142.5            | 140.9            |
| 25,0°    | 138.4                        | 138.1           | 138.0           | 137.9          | 137.9          | 137.9          | 137.9 | 151.2            | 150.2            | 149.3            | 148.4            | 147.4            | 145.6            | 143.9            | 142.0            |
| 27,5°    | 137.1                        | 136.8           | 136.6           | 136.5          | 136.6          | 136.5          | 136.6 | 152.7            | 151.8            | 150.9            | 149.9            | 148.7            | 147.0            | 145.2            | 143.3            |
| 30,0°    | 135.8                        | 135.5           | 135.2           | 135.0          | 134.9          | 134.9          | 134.9 | 155.2            | 153.9            | 152.7            | 151.4            | 149.7            | 147.9            | 146.1            | 144.4            |
| 32,5°    | 134.2                        | 133.8           | 133.5           | 133.2          | 133.0          | 132.9          | 133.0 | 156.7            | 155.1            | 153.8            | 152.3            | 150.5            | 148.7            | 147.0            | 145.0            |
| 35,0°    | 133.5                        | 133.0           | 132.6           | 132.3          | 132.1          | 131.9          | 131.7 | 159.5            | 158.1            | 156.8            | 154.7            | 152.5            | 150.7            | 148.8            | 146.6            |
| 37,5°    | 134.1                        | 134.6           | 135.3           | 135.8          | 135.6          | 135.3          | 135.3 | 164.1            | 162.4            | 160.4            | 157.6            | 155.1            | 152.7            | 150.7            | 148.2            |
| 40,0°    | 141.5                        | 143.4           | 145.4           | 147.7          | 148.3          | 148.1          | 148.2 | 165.1            | 164.0            | 162.6            | 160.2            | 157.7            | 155.5            | 153.2            | 150.2            |
| 42,5°    | 156.6                        | 158.9           | 161.5           | 164.4          | 166.1          | 166.3          | 166.6 | 167.6            | 166.7            | 164.7            | 162.6            | 160.7            | 158.1            | 155.4            | 152.1            |
| 45,0°    | 175.6                        | 177.6           | 179.9           | 182.7          | 184.9          | 185.8          | 186.2 | 171.1            | 169.4            | 167.5            | 165.8            | 163.4            | 161.1            | 158.2            | 154.7            |
| 47,5°    | 193.8                        | 193.5           | 193.6           | 194.5          | 196.0          | 196.2          | 196.3 | 180.0            | 178.3            | 175.0            | 171.8            | 168.7            | 165.6            | 162.4            | 158.6            |
| 50,0°    | 204.0                        | 200.6           | 199.2           | 198.4          | 196.3          | 193.5          | 192.8 | 212.1            | 205.3            | 200.3            | 195.6            | 190.4            | 185.6            | 180.4            | 173.7            |
| 52,5°    | 197.6                        | 189.8           | 183.6           | 178.6          | 174.9          | 172.1          | 170.8 | 243.5            | 242.7            | 237.2            | 226.1            | 212.7            | 202.8            | 194.8            | 186.6            |
| 55,0°    | 177.1                        | 164.9           | 154.2           | 146.9          | 142.0          | 137.7          | 136.4 | 306.3            | 307.5            | 309.4            | 296.7            | 269.6            | 235.8            | 209.4            | 194.7            |
| 57,5°    | 176.5                        | 166.2           | 159.0           | 155.0          | 152.9          | 149.8          | 148.6 | 362.1            | 379.4            | 390.6            | 382.5            | 352.8            | 300.9            | 249.5            | 216.4            |
| 60,0°    | 167.1                        | 158.5           | 152.4           | 147.8          | 145.2          | 141.9          | 140.3 | 421.2            | 444.2            | 465.8            | 465.4            | 432.2            | 370.1            | 303.7            | 255.1            |
| 62,5°    | 107.3                        | 100.2           | 95.5            | 91.5           | 89.0           | 86.4           | 85.0  | 467.6            | 500.7            | 531.6            | 543.3            | 518.0            | 456.8            | 379.0            | 305.5            |
| 65,0°    | 64.9                         | 61.8            | 59.7            | 58.1           | 57.6           | 55.5           | 54.5  | 498.8            | 534.5            | 570.4            | 594.8            | 578.8            | 528.7            | 445.1            | 355.5            |
| 67,5°    | 53.4                         | 51.7            | 50.7            | 49.7           | 48.7           | 47.1           | 47.2  | 511.9            | 544.5            | 577.9            | 603.6            | 591.4            | 551.6            | 488.4            | 410.8            |
| 70,0°    | 43.2                         | 41.3            | 40.3            | 39.7           | 39.7           | 39.7           | 39.6  | 483.2            | 514.9            | 547.5            | 567.8            | 560.5            | 538.9            | 500.0            | 449.0            |
| 72,5°    | 25.2                         | 23.6            | 23.4            | 23.5           | 30.6           | 32.6           | 28.2  | 418.6            | 437.7            | 467.2            | 483.2            | 493.6            | 490.6            | 479.8            | 460.1            |
| 75,0°    | 19.3                         | 18.6            | 18.2            | 18.1           | 30.1           | 24.0           | 20.9  | 317.6            | 333.1            | 354.8            | 376.5            | 394.0            | 408.6            | 419.8            | 423.9            |
| 77,5°    | 13.9                         | 13.6            | 13.2            | 13.1           | 14.9           | 14.6           | 14.3  | 205.9            | 210.9            | 224.6            | 243.3            | 263.8            | 286.8            | 308.4            | 326.0            |
| 80,0°    | 9.3                          | 8.9             | 8.7             | 8.6            | 8.8            | 8.9            | 9.2   | 74.8             | 83.6             | 95.3             | 110.3            | 128.9            | 151.2            | 174.9            | 196.6            |
| 82,5°    | 5.5                          | 5.2             | 5.0             | 4.9            | 4.9            | 5.3            | 5.5   | 17.3             | 18.5             | 21.3             | 25.4             | 31.0             | 39.7             | 52.1             | 68.0             |
| 85,0°    | 2.4                          | 2.4             | 2.4             | 2.3            | 2.4            | 2.3            | 2.3   | 3.8              | 4.0              | 4.0              | 3.9              | 3.9              | 3.8              | 3.8              | 3.8              |
| 87,5°    | 0.9                          | 0.9             | 0.8             | 0.8            | 0.8            | 0.8            | 0.8   | 2.1              | 2.1              | 2.1              | 2.0              | 2.0              | 2.0              | 2.0              | 1.9              |
| 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              | 0.0              | 0.0              |

## Photometric test report

|   |  |                                      |
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| <b>Family</b><br><b>Streetlight 21 mini LED</b> | <b>Order number: 5XE2P43S08GB</b><br><b>EAN: 4058352726334</b> | <b>LP number</b><br><b>59337_154</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>siteco</b>                        |

| C-planes | 202,5°<br>337,5°             | 205,0°<br>335,0° | 207,5°<br>332,5° | 210,0°<br>330,0° | 212,5°<br>327,5° | 215,0°<br>325,0° | 217,5°<br>322,5° | 220,0°<br>320,0° | 222,5°<br>317,5° | 225,0°<br>315,0° | 227,5°<br>312,5° | 230,0°<br>310,0° | 232,5°<br>307,5° | 235,0°<br>305,0° | 237,5°<br>302,5° |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| γ        | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 0,0°     | 143.3                        | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            |
| 2,5°     | 142.0                        | 141.9            | 141.9            | 141.9            | 141.8            | 141.8            | 141.9            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.7            |
| 5,0°     | 141.2                        | 140.9            | 140.9            | 140.9            | 140.8            | 140.7            | 140.6            | 140.4            | 140.3            | 140.2            | 140.1            | 140.1            | 140.0            | 139.8            | 139.9            |
| 7,5°     | 140.4                        | 140.1            | 140.0            | 139.7            | 139.6            | 139.3            | 139.2            | 139.0            | 138.8            | 138.7            | 138.5            | 138.4            | 138.3            | 138.1            | 137.9            |
| 10,0°    | 139.9                        | 139.6            | 139.2            | 139.0            | 138.8            | 138.4            | 138.1            | 137.7            | 137.2            | 136.9            | 136.4            | 136.0            | 135.7            | 135.3            | 134.9            |
| 12,5°    | 139.6                        | 139.3            | 139.0            | 138.7            | 138.1            | 137.6            | 137.1            | 136.4            | 135.9            | 135.4            | 134.9            | 134.4            | 133.8            | 133.2            | 132.8            |
| 15,0°    | 140.2                        | 139.6            | 138.8            | 138.0            | 137.3            | 136.6            | 135.9            | 135.1            | 134.3            | 133.6            | 132.8            | 131.9            | 131.1            | 130.4            | 129.8            |
| 17,5°    | 139.7                        | 138.5            | 137.5            | 136.4            | 135.4            | 134.6            | 133.9            | 133.2            | 132.3            | 131.4            | 130.6            | 129.8            | 129.0            | 128.3            | 127.5            |
| 20,0°    | 139.1                        | 137.8            | 136.6            | 135.4            | 134.4            | 133.3            | 132.3            | 131.4            | 130.4            | 129.4            | 128.5            | 127.6            | 126.8            | 125.9            | 125.3            |
| 22,5°    | 139.3                        | 137.8            | 136.4            | 135.2            | 133.8            | 132.4            | 131.1            | 129.8            | 128.5            | 127.4            | 126.3            | 125.4            | 124.4            | 123.6            | 123.0            |
| 25,0°    | 140.1                        | 138.4            | 136.7            | 134.9            | 133.2            | 131.5            | 129.9            | 128.5            | 126.9            | 125.5            | 124.5            | 123.3            | 122.4            | 121.4            | 120.6            |
| 27,5°    | 141.3                        | 139.2            | 137.1            | 134.9            | 132.8            | 131.0            | 129.1            | 127.2            | 125.6            | 124.0            | 122.8            | 121.6            | 120.3            | 119.1            | 118.2            |
| 30,0°    | 142.2                        | 140.0            | 137.6            | 135.3            | 132.9            | 130.7            | 128.7            | 126.7            | 124.8            | 122.9            | 121.3            | 119.9            | 118.3            | 116.9            | 115.6            |
| 32,5°    | 142.9                        | 140.5            | 138.3            | 135.8            | 133.2            | 130.8            | 128.5            | 126.2            | 123.9            | 121.9            | 119.9            | 118.2            | 116.5            | 114.8            | 113.1            |
| 35,0°    | 144.0                        | 141.3            | 138.6            | 135.9            | 133.3            | 131.0            | 128.2            | 125.6            | 122.9            | 120.5            | 118.2            | 116.0            | 114.1            | 112.2            | 110.5            |
| 37,5°    | 145.2                        | 142.2            | 139.2            | 136.3            | 133.5            | 130.3            | 127.4            | 124.7            | 121.8            | 118.7            | 116.0            | 113.6            | 111.4            | 109.5            | 107.9            |
| 40,0°    | 146.9                        | 143.5            | 140.1            | 136.9            | 133.5            | 129.9            | 126.4            | 123.1            | 120.3            | 117.3            | 114.2            | 111.2            | 108.6            | 106.5            | 104.9            |
| 42,5°    | 148.3                        | 144.3            | 140.5            | 137.2            | 133.5            | 129.6            | 125.7            | 122.1            | 118.7            | 115.6            | 112.2            | 109.2            | 106.0            | 103.3            | 101.0            |
| 45,0°    | 150.4                        | 146.1            | 141.8            | 137.8            | 134.0            | 130.3            | 126.3            | 122.5            | 118.4            | 114.9            | 111.1            | 107.4            | 103.6            | 99.7             | 96.4             |
| 47,5°    | 154.1                        | 149.6            | 145.6            | 141.5            | 137.5            | 132.9            | 128.8            | 124.5            | 120.0            | 115.9            | 112.0            | 107.6            | 103.4            | 99.2             | 94.9             |
| 50,0°    | 166.8                        | 160.9            | 155.2            | 149.5            | 143.5            | 137.9            | 131.6            | 126.4            | 122.1            | 117.8            | 113.2            | 108.3            | 104.2            | 100.6            | 97.6             |
| 52,5°    | 179.8                        | 174.5            | 170.1            | 164.1            | 156.2            | 147.8            | 139.1            | 130.8            | 123.7            | 117.4            | 111.7            | 105.9            | 101.2            | 98.0             | 96.6             |
| 55,0°    | 185.2                        | 177.8            | 170.1            | 162.7            | 154.9            | 147.7            | 140.2            | 134.0            | 127.2            | 119.1            | 111.1            | 103.6            | 97.7             | 94.2             | 93.3             |
| 57,5°    | 199.9                        | 189.5            | 178.3            | 167.1            | 155.5            | 144.5            | 134.5            | 125.1            | 116.9            | 109.6            | 103.4            | 97.8             | 92.4             | 89.1             | 88.8             |
| 60,0°    | 220.3                        | 197.3            | 182.2            | 170.4            | 157.7            | 146.8            | 134.4            | 121.2            | 108.5            | 98.4             | 90.5             | 84.7             | 81.8             | 81.5             | 82.9             |
| 62,5°    | 252.5                        | 213.6            | 190.4            | 175.7            | 159.1            | 144.8            | 128.9            | 112.2            | 98.3             | 87.7             | 81.0             | 76.8             | 75.3             | 76.6             | 78.9             |
| 65,0°    | 290.5                        | 245.2            | 206.5            | 177.3            | 153.7            | 132.3            | 113.9            | 98.3             | 86.6             | 78.9             | 74.8             | 72.4             | 71.4             | 72.1             | 74.4             |
| 67,5°    | 339.6                        | 279.5            | 227.5            | 177.0            | 142.6            | 117.7            | 98.8             | 85.5             | 76.4             | 71.1             | 68.2             | 66.4             | 65.4             | 65.9             | 67.6             |
| 70,0°    | 393.3                        | 334.0            | 256.5            | 185.8            | 133.6            | 105.7            | 86.3             | 74.3             | 67.3             | 63.1             | 60.3             | 58.7             | 58.0             | 57.8             | 59.4             |
| 72,5°    | 430.2                        | 379.5            | 299.1            | 206.5            | 133.5            | 92.5             | 71.9             | 61.6             | 56.0             | 52.6             | 50.3             | 48.5             | 47.7             | 47.8             | 49.6             |
| 75,0°    | 415.5                        | 386.9            | 326.1            | 231.4            | 141.2            | 86.0             | 60.7             | 50.0             | 44.1             | 40.5             | 38.4             | 37.2             | 37.1             | 37.4             | 38.3             |
| 77,5°    | 334.1                        | 328.0            | 299.2            | 241.7            | 154.5            | 82.0             | 48.4             | 36.8             | 31.1             | 28.1             | 26.7             | 25.5             | 25.2             | 25.7             | 26.4             |
| 80,0°    | 211.1                        | 214.2            | 200.9            | 168.0            | 117.3            | 62.4             | 29.3             | 20.8             | 17.4             | 15.4             | 14.2             | 13.9             | 13.9             | 14.3             | 13.9             |
| 82,5°    | 78.3                         | 80.0             | 78.5             | 71.8             | 58.2             | 35.0             | 15.2             | 8.8              | 7.4              | 6.4              | 5.7              | 5.3              | 5.4              | 5.7              | 5.6              |
| 85,0°    | 3.8                          | 3.8              | 4.0              | 4.1              | 4.3              | 4.2              | 3.4              | 2.7              | 2.4              | 2.3              | 2.1              | 2.0              | 1.9              | 1.8              | 1.7              |
| 87,5°    | 1.9                          | 1.8              | 1.8              | 1.6              | 1.6              | 1.5              | 1.5              | 1.3              | 1.3              | 1.3              | 1.1              | 1.1              | 1.1              | 1.1              | 1.0              |
| 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              | 0.0              | 0.0              |

## Photometric test report

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| <b>Family</b><br><b>Streetlight 21 mini LED</b> | <b>Order number: 5XE2P43S08GB</b><br><b>EAN: 4058352726334</b> | <b>LP number</b><br><b>59337_154</b> |
| <b>Table of values for luminous intensities</b> |  | <b>Maximum luminous intensity</b>    |
|   |  | <b>siteco</b>                        |

| C-planes | 240,0°<br>300,0°             | 242,5°<br>297,5° | 245,0°<br>295,0° | 247,5°<br>292,5° | 250,0°<br>290,0° | 252,5°<br>287,5° | 255,0°<br>285,0° | 257,5°<br>282,5° | 260,0°<br>280,0° | 262,5°<br>277,5° | 265,0°<br>275,0° | 267,5°<br>272,5° | 270,0° | Phi-zone                | Total<br>Phi-zone |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        | Luminous flux in lm/klm |                   |
| 0,0°     | 143.3                        | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3            | 143.3  | 0.2                     | 0.2               |
| 2,5°     | 141.8                        | 141.8            | 141.8            | 141.8            | 141.8            | 141.9            | 141.8            | 141.8            | 141.8            | 141.8            | 141.8            | 141.9            | 141.9  | 1.7                     | 1.9               |
| 5,0°     | 139.8                        | 139.7            | 139.8            | 139.7            | 139.7            | 139.6            | 139.6            | 139.7            | 139.6            | 139.6            | 139.7            | 139.7            | 139.6  | 3.4                     | 5.3               |
| 7,5°     | 137.7                        | 137.5            | 137.4            | 137.2            | 137.1            | 137.0            | 136.8            | 136.7            | 136.7            | 136.6            | 136.6            | 136.6            | 136.6  | 5.1                     | 10.4              |
| 10,0°    | 134.7                        | 134.5            | 134.1            | 133.9            | 133.6            | 133.5            | 133.3            | 133.2            | 133.2            | 133.2            | 133.1            | 133.1            | 133.2  | 6.7                     | 17.1              |
| 12,5°    | 132.3                        | 131.9            | 131.5            | 131.1            | 130.8            | 130.5            | 130.2            | 130.0            | 129.9            | 129.8            | 129.8            | 129.7            | 129.8  | 8.3                     | 25.5              |
| 15,0°    | 129.2                        | 128.7            | 128.1            | 127.7            | 127.4            | 127.2            | 127.0            | 126.9            | 127.0            | 127.0            | 127.1            | 127.2            | 127.2  | 9.9                     | 35.3              |
| 17,5°    | 126.8                        | 126.2            | 125.5            | 125.1            | 124.6            | 124.3            | 124.2            | 124.0            | 124.0            | 123.9            | 124.0            | 123.9            | 123.9  | 11.4                    | 46.7              |
| 20,0°    | 124.7                        | 124.2            | 123.5            | 122.9            | 122.3            | 121.8            | 121.4            | 121.1            | 120.9            | 120.8            | 120.8            | 120.8            | 120.8  | 12.9                    | 59.6              |
| 22,5°    | 122.4                        | 121.8            | 121.2            | 120.6            | 119.8            | 119.1            | 118.5            | 118.1            | 117.8            | 117.6            | 117.6            | 117.5            | 117.4  | 14.4                    | 74.0              |
| 25,0°    | 119.7                        | 119.1            | 118.3            | 117.7            | 116.9            | 116.1            | 115.6            | 115.1            | 114.5            | 114.3            | 114.2            | 114.1            | 114.2  | 15.9                    | 89.9              |
| 27,5°    | 117.0                        | 116.1            | 115.3            | 114.7            | 113.9            | 113.2            | 112.5            | 111.8            | 111.1            | 110.6            | 110.3            | 110.1            | 110.1  | 17.3                    | 107.2             |
| 30,0°    | 114.3                        | 113.3            | 112.4            | 111.5            | 110.7            | 110.0            | 109.2            | 108.5            | 107.8            | 107.0            | 106.6            | 106.5            | 106.4  | 18.6                    | 125.8             |
| 32,5°    | 111.8                        | 110.6            | 109.5            | 108.5            | 107.6            | 106.7            | 105.9            | 105.2            | 104.4            | 103.6            | 103.1            | 102.7            | 102.7  | 20.0                    | 145.8             |
| 35,0°    | 109.1                        | 107.8            | 106.6            | 105.6            | 104.4            | 103.3            | 102.3            | 101.5            | 100.6            | 99.6             | 98.8             | 98.2             | 98.1   | 21.4                    | 167.2             |
| 37,5°    | 106.5                        | 105.1            | 103.7            | 102.4            | 101.0            | 99.3             | 98.0             | 96.9             | 95.9             | 94.8             | 93.8             | 93.0             | 92.8   | 22.8                    | 190.0             |
| 40,0°    | 103.2                        | 101.4            | 99.7             | 98.0             | 96.0             | 93.8             | 92.0             | 90.9             | 89.8             | 88.6             | 87.6             | 86.9             | 86.8   | 24.7                    | 214.6             |
| 42,5°    | 98.6                         | 96.1             | 93.4             | 90.9             | 88.6             | 86.1             | 84.7             | 83.9             | 82.1             | 80.4             | 79.4             | 78.7             | 78.7   | 26.6                    | 241.3             |
| 45,0°    | 92.8                         | 89.4             | 86.2             | 83.0             | 80.4             | 77.9             | 76.4             | 75.7             | 74.4             | 73.1             | 72.5             | 71.9             | 71.7   | 28.4                    | 269.7             |
| 47,5°    | 90.8                         | 87.5             | 84.4             | 82.0             | 80.0             | 78.3             | 77.1             | 77.0             | 76.7             | 76.5             | 76.6             | 76.5             | 76.4   | 31.1                    | 300.7             |
| 50,0°    | 95.5                         | 94.6             | 94.8             | 96.3             | 98.8             | 101.6            | 104.9            | 109.2            | 112.6            | 115.5            | 117.9            | 119.1            | 119.4  | 35.8                    | 336.5             |
| 52,5°    | 97.6                         | 100.0            | 104.4            | 110.6            | 118.5            | 126.5            | 134.5            | 142.9            | 149.7            | 155.3            | 159.0            | 161.2            | 161.7  | 41.6                    | 378.2             |
| 55,0°    | 96.1                         | 101.2            | 108.2            | 117.3            | 128.1            | 139.3            | 149.5            | 159.6            | 168.4            | 174.7            | 179.0            | 181.7            | 182.0  | 50.3                    | 428.5             |
| 57,5°    | 92.0                         | 97.7             | 105.7            | 115.2            | 125.6            | 137.4            | 147.7            | 156.0            | 164.1            | 168.5            | 171.3            | 173.0            | 173.5  | 62.1                    | 490.5             |
| 60,0°    | 86.4                         | 92.0             | 99.3             | 107.9            | 116.7            | 125.7            | 134.1            | 140.1            | 144.4            | 147.1            | 148.2            | 148.8            | 148.9  | 73.7                    | 564.2             |
| 62,5°    | 82.3                         | 86.6             | 92.5             | 98.5             | 103.8            | 108.3            | 112.0            | 113.8            | 113.3            | 112.8            | 111.5            | 109.6            | 109.0  | 81.0                    | 645.2             |
| 65,0°    | 77.0                         | 80.1             | 84.5             | 88.9             | 92.5             | 94.7             | 96.5             | 96.0             | 94.6             | 92.1             | 89.7             | 87.9             | 86.8   | 81.9                    | 727.1             |
| 67,5°    | 71.0                         | 74.2             | 78.2             | 81.7             | 83.6             | 84.2             | 84.2             | 82.0             | 79.9             | 77.4             | 74.4             | 72.9             | 71.2   | 75.6                    | 802.6             |
| 70,0°    | 62.4                         | 65.9             | 69.3             | 72.3             | 71.9             | 69.4             | 67.1             | 62.8             | 60.2             | 56.1             | 54.8             | 52.6             | 50.9   | 64.8                    | 867.5             |
| 72,5°    | 51.7                         | 55.1             | 56.3             | 57.8             | 55.6             | 52.7             | 49.5             | 43.5             | 40.9             | 37.7             | 40.4             | 36.4             | 33.9   | 51.4                    | 918.8             |
| 75,0°    | 40.3                         | 40.8             | 40.7             | 39.5             | 38.9             | 34.0             | 24.1             | 14.9             | 12.9             | 12.3             | 18.1             | 12.0             | 11.0   | 38.4                    | 957.2             |
| 77,5°    | 26.4                         | 26.6             | 26.8             | 23.3             | 15.7             | 8.2              | 7.0              | 6.6              | 6.4              | 5.6              | 5.3              | 4.7              | 4.7    | 25.3                    | 982.6             |
| 80,0°    | 14.0                         | 13.2             | 11.4             | 6.5              | 4.5              | 4.0              | 3.4              | 3.2              | 3.0              | 2.4              | 1.9              | 1.7              | 1.8    | 12.1                    | 994.7             |
| 82,5°    | 5.4                          | 4.7              | 3.5              | 2.7              | 2.4              | 2.1              | 1.9              | 1.7              | 1.5              | 1.2              | 1.1              | 1.1              | 1.0    | 4.2                     | 998.8             |
| 85,0°    | 1.5                          | 1.5              | 1.4              | 1.2              | 1.2              | 1.1              | 1.0              | 0.9              | 0.9              | 0.7              | 0.7              | 0.7              | 0.6    | 0.8                     | 999.6             |
| 87,5°    | 1.0                          | 1.0              | 0.9              | 0.8              | 0.8              | 0.8              | 0.7              | 0.6              | 0.6              | 0.6              | 0.6              | 0.6              | 0.6    | 0.4                     | 1000.0            |
| 90,0°    | 0.0                          | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0    | 0.0                     | 1000.0            |

## Photometric test report

|  |  |                               |
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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2P43S08GB</b><br><b>EAN: 4058352726334</b> | <b>LP number</b><br>59337_154 |
| <b>Dimming levels table</b>              |  | <b>siteco</b>                 |
| environmental temperature: 25°C          |  |                               |

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 6080               | 40.4                  | 41.1                  | 40.8                  |
| 95              | 240                  | 252                       | 5786               | 38.1                  | 38.8                  | 38.4                  |
| 90              | 225                  | 250                       | 5465               | 35.8                  | 36.4                  | 36.1                  |
| 85              | 211                  | 247                       | 5160               | 33.5                  | 34.1                  | 33.8                  |
| 80              | 198                  | 245                       | 4875               | 31.5                  | 32.0                  | 31.8                  |
| 75              | 184                  | 242                       | 4563               | 29.3                  | 29.8                  | 29.6                  |
| 70              | 170                  | 239                       | 4246               | 27.1                  | 27.5                  | 27.3                  |
| 65              | 157                  | 236                       | 3947               | 25.1                  | 25.5                  | 25.3                  |
| 60              | 144                  | 233                       | 3645               | 23.2                  | 23.5                  | 23.4                  |
| 55              | 131                  | 230                       | 3341               | 21.2                  | 21.5                  | 21.4                  |
| 50              | 118                  | 226                       | 3031               | 19.2                  | 19.5                  | 19.4                  |
| 45              | 106                  | 222                       | 2742               | 17.4                  | 17.6                  | 17.5                  |
| 40              | 93                   | 217                       | 2425               | 15.4                  | 15.6                  | 15.5                  |
| 35              | 81                   | 212                       | 2129               | 13.6                  | 13.8                  | 13.7                  |
| 30              | 69                   | 206                       | 1828               | 11.8                  | 12.0                  | 11.9                  |
| 25              | 57                   | 199                       | 1525               | 10.1                  | 10.2                  | 10.1                  |
| 20              | 45                   | 191                       | 1217               | 8.3                   | 8.4                   | 8.4                   |
| 15              | 33                   | 179                       | 908                | 6.6                   | 6.7                   | 6.6                   |
| 11              | 23                   | 166                       | 646                | 5.2                   | 5.2                   | 5.2                   |

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

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 6210               | 40.9                  | 41.6                  | 41.2                  |
| 95              | 240                  | 252                       | 5904               | 38.7                  | 39.4                  | 39.0                  |
| 90              | 226                  | 250                       | 5595               | 36.4                  | 37.0                  | 36.7                  |
| 85              | 212                  | 247                       | 5282               | 34.2                  | 34.8                  | 34.5                  |
| 80              | 198                  | 245                       | 4965               | 31.9                  | 32.5                  | 32.2                  |
| 75              | 185                  | 242                       | 4667               | 29.9                  | 30.3                  | 30.1                  |
| 70              | 171                  | 240                       | 4342               | 27.7                  | 28.1                  | 27.9                  |
| 65              | 158                  | 237                       | 4037               | 25.7                  | 26.0                  | 25.8                  |
| 60              | 145                  | 233                       | 3727               | 23.6                  | 24.0                  | 23.8                  |
| 55              | 132                  | 230                       | 3416               | 21.6                  | 21.9                  | 21.8                  |
| 50              | 119                  | 226                       | 3100               | 19.6                  | 19.9                  | 19.8                  |
| 45              | 107                  | 222                       | 2806               | 17.7                  | 18.0                  | 17.8                  |
| 40              | 94                   | 218                       | 2483               | 15.8                  | 16.1                  | 16.0                  |
| 35              | 82                   | 213                       | 2182               | 13.9                  | 14.2                  | 14.0                  |
| 30              | 69                   | 206                       | 1851               | 12.0                  | 12.2                  | 12.1                  |
| 25              | 57                   | 199                       | 1543               | 10.2                  | 10.3                  | 10.2                  |
| 20              | 45                   | 191                       | 1233               | 8.5                   | 8.6                   | 8.6                   |
| 15              | 34                   | 180                       | 944                | 6.9                   | 7.0                   | 7.0                   |
| 11              | 23                   | 166                       | 653                | 5.3                   | 5.3                   | 5.3                   |



## Photometric test report

|  |  |                               |
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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2P43S08GB</b><br><b>EAN: 4058352726334</b> | <b>LP number</b><br>59337_154 |
|--|--|-------------------------------|

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

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 6150               | 40.6                  | 41.4                  | 41.0                  |
| 95              | 240                  | 252                       | 5850               | 38.4                  | 39.1                  | 38.8                  |
| 90              | 226                  | 250                       | 5545               | 36.1                  | 36.8                  | 36.4                  |
| 85              | 212                  | 247                       | 5236               | 34.0                  | 34.5                  | 34.2                  |
| 80              | 198                  | 245                       | 4924               | 31.7                  | 32.3                  | 32.0                  |
| 75              | 184                  | 242                       | 4607               | 29.5                  | 30.0                  | 29.8                  |
| 70              | 171                  | 240                       | 4309               | 27.5                  | 27.9                  | 27.7                  |
| 65              | 158                  | 237                       | 4007               | 25.5                  | 25.9                  | 25.7                  |
| 60              | 145                  | 233                       | 3701               | 23.4                  | 23.8                  | 23.6                  |
| 55              | 132                  | 230                       | 3393               | 21.4                  | 21.8                  | 21.6                  |
| 50              | 119                  | 226                       | 3080               | 19.4                  | 19.7                  | 19.5                  |
| 45              | 106                  | 222                       | 2763               | 17.5                  | 17.7                  | 17.6                  |
| 40              | 94                   | 218                       | 2468               | 15.6                  | 15.9                  | 15.8                  |
| 35              | 81                   | 212                       | 2144               | 13.7                  | 13.9                  | 13.8                  |
| 30              | 69                   | 206                       | 1841               | 11.9                  | 12.1                  | 12.0                  |
| 25              | 57                   | 199                       | 1535               | 10.1                  | 10.3                  | 10.2                  |
| 20              | 45                   | 191                       | 1226               | 8.4                   | 8.5                   | 8.4                   |
| 15              | 33                   | 179                       | 913                | 6.6                   | 6.7                   | 6.6                   |
| 11              | 23                   | 166                       | 651                | 5.2                   | 5.2                   | 5.2                   |

**Photometric test report**

|  |  |                                      |
|--|--|--------------------------------------|
| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2P43S08GB</b><br><b>EAN: 4058352726334</b> | <b>LP number</b><br><b>59337_154</b> |
|--|--|--------------------------------------|

**Luminousfluxs table** **sITeco**

| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 6080.0              | 40.4                   |
| 5.0               | 6210.0              | 40.9                   |
| 15.0              | 6150.0              | 40.6                   |