

## Photometric test report

**Family**  
Streetlight 21 mini LED

**Order number: 5XE2B43S08JB**  
**EAN: 4058352724699**

**LP number**  
**59074\_63**



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

**Optic** asymmetric, wide distribution (ST0.5a G)

**Cover** toughened safety glass

**Lamps** LED 4000 K | CRI ≥ 70

**Controlgear** EVG-Smart Interface

**Rated values** Net luminous flux = 13390 lm  
Power consumption = 87.3 W  
Luminous efficacy = 153.4 lm/W

**serial documentation**  
23.08.2022

**siteco**

**Luminous intensity in cd/klm**

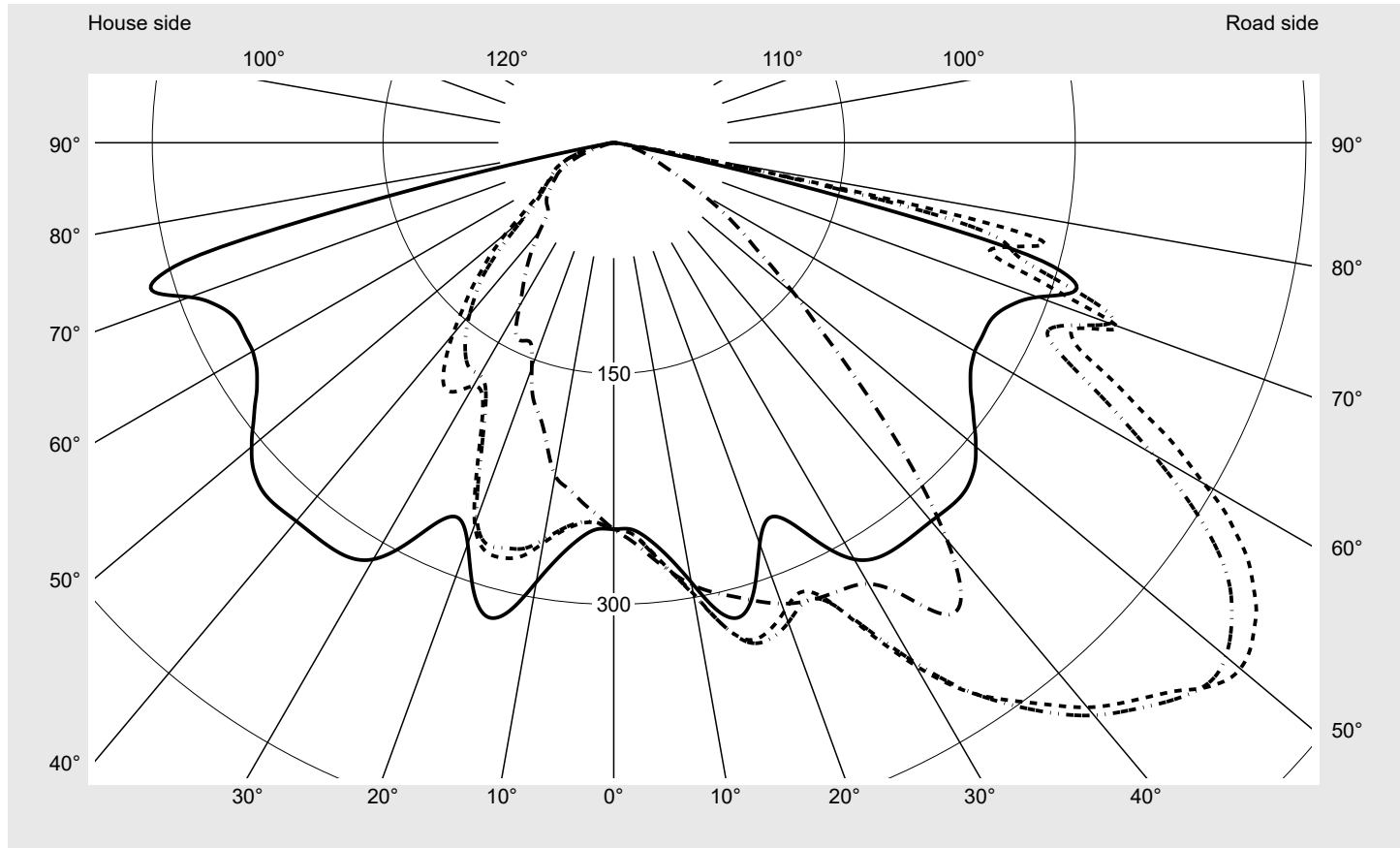
**C180-0**

**C210-30**

**C212,5-32,5**

**C270-90**

**Imax: 532 cd/klm**



### Luminaire output ratios

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

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

|           |       |
|-----------|-------|
| Class:    | G4    |
| Imax 70°  | 466.0 |
| Imax 80°  | 84.5  |
| Imax 90°  | 0.0   |
| Imax >90° | 0.0   |
| Imax >95° | 0.0   |

### Measurement conditions

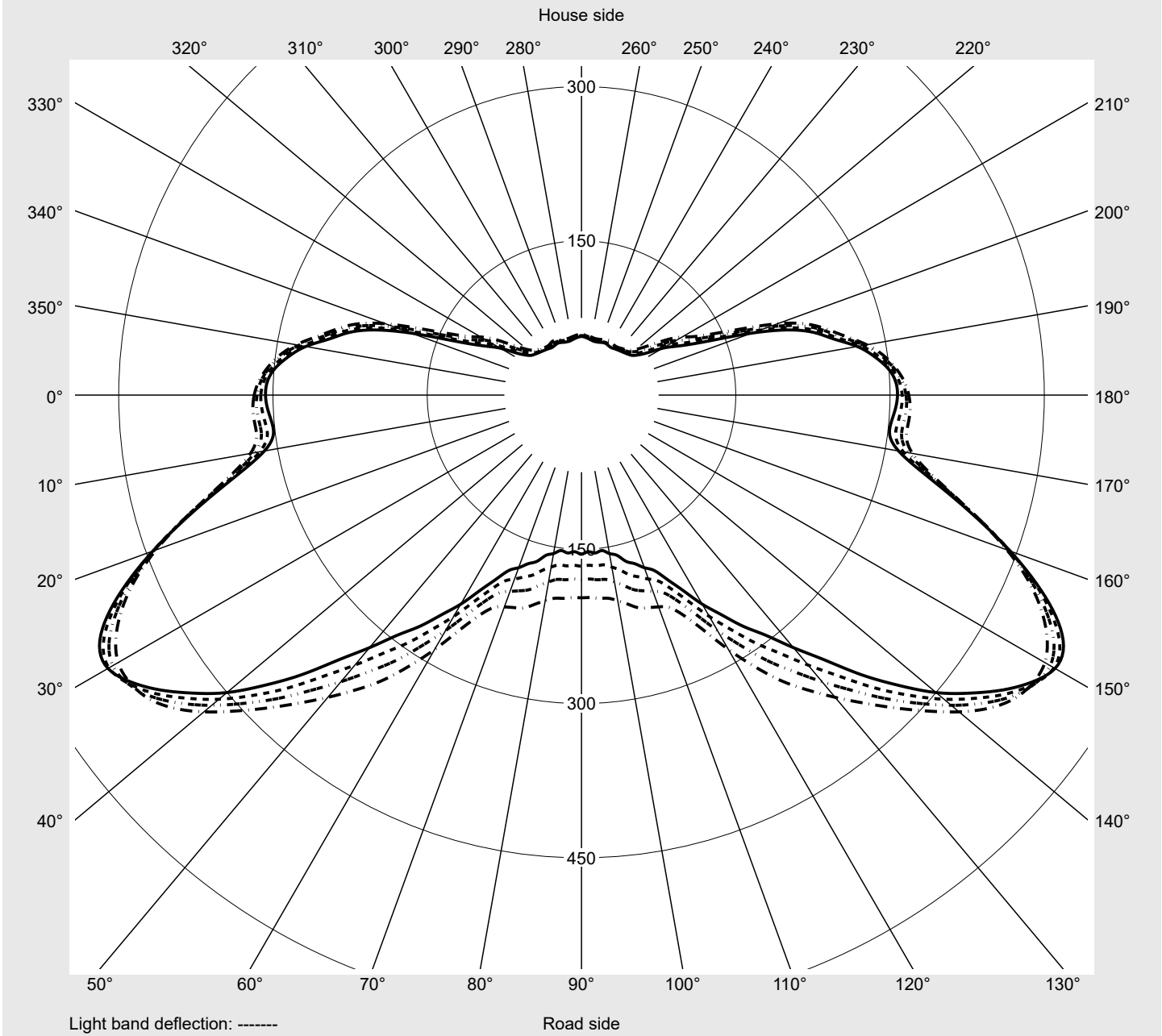
DIN EN 13032 and DIN 5032

**Photometric test report**

|  |  |                              |
|--|--|------------------------------|
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**Envelope curve in cd/klm**      **KMK 50°**    **KMK 49°**    **KMK 48°**    **KMK 47°**













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|   |                                   |
|---|-----------------------------------|
| <b>Table of values for luminous intensities</b> | <b>Maximum luminous intensity</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 |                |                |                |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| 73,0°    | 314.2                        | 327.1          | 363.0          | 397.4          | 422.7           | 442.9           | 443.9           | 424.6           | 388.6           | 334.2           | 283.3           | 254.4           | 265.4           | 296.9           | 310.4           |
| 74,0°    | 302.3                        | 315.4          | 351.4          | 383.4          | 407.0           | 421.3           | 422.6           | 404.3           | 368.4           | 319.2           | 278.5           | 252.6           | 254.3           | 276.8           | 278.8           |
| 75,0°    | 271.9                        | 282.4          | 317.5          | 348.3          | 373.3           | 382.5           | 388.8           | 372.7           | 343.4           | 304.4           | 279.4           | 261.8           | 262.3           | 267.5           | 251.6           |
| 76,0°    | 203.4                        | 205.7          | 235.6          | 259.9          | 289.7           | 298.9           | 320.0           | 312.0           | 301.5           | 279.0           | 270.4           | 271.0           | 278.1           | 258.7           | 216.4           |
| 77,0°    | 127.7                        | 125.1          | 141.5          | 158.4          | 183.6           | 190.1           | 209.0           | 211.9           | 225.2           | 227.5           | 246.7           | 272.1           | 287.2           | 232.7           | 167.6           |
| 78,0°    | 69.4                         | 62.5           | 74.1           | 81.0           | 106.1           | 107.6           | 125.5           | 119.8           | 140.1           | 148.2           | 182.4           | 203.3           | 237.4           | 175.8           | 116.2           |
| 79,0°    | 29.2                         | 27.1           | 30.4           | 36.2           | 50.1            | 55.6            | 64.6            | 67.3            | 83.0            | 101.9           | 127.0           | 132.3           | 111.3           | 97.4            | 67.9            |
| 80,0°    | 12.8                         | 12.6           | 14.0           | 17.5           | 21.8            | 23.3            | 28.0            | 29.0            | 41.4            | 56.8            | 84.5            | 75.6            | 49.9            | 39.4            | 30.6            |
| 81,0°    | 7.7                          | 8.0            | 8.9            | 10.4           | 11.7            | 11.5            | 12.4            | 12.0            | 15.1            | 20.5            | 28.7            | 25.3            | 16.6            | 15.8            | 13.4            |
| 82,0°    | 5.8                          | 6.0            | 6.6            | 7.2            | 7.9             | 7.5             | 7.7             | 7.8             | 8.6             | 10.6            | 14.3            | 13.0            | 9.1             | 8.3             | 8.1             |
| 83,0°    | 4.4                          | 4.5            | 4.9            | 5.1            | 5.5             | 5.4             | 5.4             | 5.6             | 5.8             | 6.4             | 8.8             | 9.1             | 7.0             | 5.9             | 5.9             |
| 84,0°    | 3.1                          | 3.1            | 3.3            | 3.3            | 3.5             | 3.5             | 3.6             | 3.6             | 3.8             | 3.9             | 4.6             | 4.7             | 4.4             | 4.2             | 4.3             |
| 85,0°    | 2.4                          | 2.3            | 2.3            | 2.3            | 2.4             | 2.3             | 2.5             | 2.5             | 2.6             | 2.6             | 2.8             | 2.8             | 2.9             | 2.8             | 3.0             |
| 86,0°    | 1.8                          | 1.8            | 1.8            | 1.7            | 1.8             | 1.7             | 1.8             | 1.6             | 1.7             | 1.6             | 1.8             | 1.8             | 1.9             | 1.8             | 2.0             |
| 87,0°    | 1.4                          | 1.4            | 1.4            | 1.3            | 1.3             | 1.3             | 1.2             | 1.2             | 1.2             | 1.2             | 1.2             | 1.1             | 1.1             | 1.2             | 1.2             |
| 88,0°    | 1.1                          | 1.1            | 1.1            | 1.0            | 1.0             | 1.0             | 1.0             | 0.9             | 0.9             | 0.9             | 0.9             | 0.8             | 0.8             | 0.8             | 0.8             |
| 89,0°    | 1.0                          | 1.0            | 1.0            | 0.9            | 0.9             | 0.9             | 0.9             | 0.8             | 0.8             | 0.7             | 0.8             | 0.7             | 0.7             | 0.7             | 0.6             |
| 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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|---|--|-------------------------------------|

**siteco**

| 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 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <b>73,0°</b> | 308.3                        | 289.8           | 248.1           | 201.6           | 148.8           | 101.1           | 66.6            | 46.0            | 32.7            | 28.1            | 26.8            | 25.7            | 25.0            | 24.3            | 22.6            |
| <b>74,0°</b> | 264.8                        | 245.1           | 208.3           | 168.0           | 120.8           | 81.4            | 53.7            | 38.2            | 29.2            | 25.7            | 24.6            | 23.7            | 23.1            | 22.3            | 20.7            |
| <b>75,0°</b> | 221.4                        | 197.5           | 168.0           | 137.9           | 96.7            | 64.3            | 42.4            | 32.1            | 26.6            | 23.9            | 22.7            | 22.1            | 21.1            | 20.4            | 18.8            |
| <b>76,0°</b> | 170.0                        | 141.6           | 116.1           | 96.9            | 66.0            | 46.5            | 33.7            | 27.6            | 23.9            | 22.0            | 20.8            | 20.3            | 18.8            | 18.0            | 16.6            |
| <b>77,0°</b> | 115.1                        | 88.3            | 66.5            | 54.7            | 37.9            | 29.4            | 24.9            | 23.6            | 21.5            | 19.9            | 18.7            | 18.0            | 16.1            | 15.0            | 13.9            |
| <b>78,0°</b> | 76.5                         | 58.2            | 42.9            | 33.1            | 24.2            | 20.5            | 19.2            | 19.7            | 18.8            | 17.7            | 16.6            | 16.0            | 13.8            | 12.5            | 11.6            |
| <b>79,0°</b> | 51.1                         | 41.7            | 30.0            | 23.4            | 18.1            | 15.9            | 14.7            | 15.6            | 15.2            | 15.4            | 14.3            | 13.4            | 11.4            | 10.3            | 9.3             |
| <b>80,0°</b> | 27.2                         | 25.0            | 20.1            | 16.4            | 13.4            | 11.9            | 11.1            | 11.4            | 11.9            | 13.0            | 12.3            | 11.1            | 9.1             | 8.2             | 7.6             |
| <b>81,0°</b> | 11.7                         | 12.0            | 11.9            | 11.4            | 9.8             | 9.0             | 8.5             | 8.7             | 9.5             | 10.7            | 10.3            | 9.2             | 7.2             | 6.5             | 6.0             |
| <b>82,0°</b> | 7.4                          | 7.2             | 7.5             | 7.3             | 6.8             | 6.7             | 6.6             | 6.8             | 7.5             | 8.7             | 8.4             | 7.3             | 5.7             | 5.0             | 4.6             |
| <b>83,0°</b> | 5.7                          | 5.7             | 5.8             | 5.1             | 4.8             | 4.9             | 4.8             | 5.2             | 5.6             | 6.5             | 6.1             | 5.3             | 4.3             | 3.8             | 3.5             |
| <b>84,0°</b> | 4.3                          | 4.5             | 4.4             | 3.8             | 3.4             | 3.3             | 3.3             | 3.6             | 3.8             | 4.5             | 4.3             | 3.9             | 3.2             | 2.9             | 2.7             |
| <b>85,0°</b> | 3.1                          | 3.3             | 3.2             | 2.8             | 2.4             | 2.3             | 2.2             | 2.2             | 2.3             | 2.8             | 2.6             | 2.5             | 2.1             | 2.1             | 1.9             |
| <b>86,0°</b> | 2.0                          | 2.2             | 2.1             | 2.0             | 1.7             | 1.7             | 1.5             | 1.5             | 1.4             | 1.5             | 1.4             | 1.5             | 1.4             | 1.4             | 1.3             |
| <b>87,0°</b> | 1.2                          | 1.4             | 1.3             | 1.3             | 1.1             | 1.1             | 1.0             | 1.0             | 0.9             | 1.0             | 0.9             | 1.0             | 0.9             | 0.9             | 0.9             |
| <b>88,0°</b> | 0.8                          | 0.8             | 0.8             | 0.8             | 0.7             | 0.7             | 0.7             | 0.7             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             | 0.6             |
| <b>89,0°</b> | 0.6                          | 0.6             | 0.6             | 0.6             | 0.6             | 0.5             | 0.5             | 0.5             | 0.5             | 0.5             | 0.4             | 0.4             | 0.5             | 0.4             | 0.4             |
| <b>90,0°</b> | 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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**siteco**

| 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 |                 |                 |                |                |                |       |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>73,0°</b> | 21.3                         | 20.0            | 19.0            | 18.2           | 17.6           | 17.4           | 17.7  | 313.3            | 276.8            | 182.6            | 96.1             | 62.4             | 48.6             | 36.4             | 28.9             |
| <b>74,0°</b> | 19.7                         | 18.1            | 17.0            | 16.2           | 15.6           | 15.3           | 15.5  | 298.9            | 258.9            | 160.8            | 84.5             | 62.2             | 47.9             | 34.5             | 26.9             |
| <b>75,0°</b> | 18.1                         | 16.5            | 15.3            | 14.4           | 13.8           | 13.6           | 13.6  | 264.0            | 223.5            | 129.7            | 69.4             | 55.9             | 45.5             | 31.7             | 24.5             |
| <b>76,0°</b> | 16.3                         | 14.7            | 13.7            | 12.7           | 12.1           | 11.7           | 11.8  | 192.6            | 158.3            | 84.1             | 46.3             | 41.8             | 38.2             | 28.2             | 21.4             |
| <b>77,0°</b> | 14.0                         | 12.6            | 11.8            | 10.9           | 10.4           | 9.8            | 9.9   | 119.2            | 94.7             | 47.7             | 27.5             | 30.6             | 30.2             | 25.2             | 18.9             |
| <b>78,0°</b> | 12.0                         | 10.8            | 10.1            | 9.4            | 8.8            | 8.3            | 8.4   | 60.8             | 51.0             | 28.7             | 23.6             | 31.7             | 31.7             | 27.0             | 18.5             |
| <b>79,0°</b> | 9.9                          | 8.8             | 8.6             | 7.8            | 7.4            | 6.8            | 6.9   | 26.2             | 24.1             | 20.1             | 24.0             | 34.5             | 38.1             | 31.6             | 19.5             |
| <b>80,0°</b> | 7.8                          | 7.1             | 6.8             | 6.2            | 5.7            | 5.4            | 5.4   | 11.7             | 11.9             | 13.1             | 17.9             | 27.0             | 35.6             | 31.7             | 18.8             |
| <b>81,0°</b> | 6.3                          | 5.7             | 5.4             | 4.9            | 4.6            | 4.3            | 4.3   | 7.2              | 7.1              | 7.6              | 9.6              | 14.8             | 24.3             | 24.2             | 14.8             |
| <b>82,0°</b> | 4.8                          | 4.3             | 4.1             | 3.9            | 3.7            | 3.5            | 3.5   | 5.5              | 5.5              | 5.5              | 6.1              | 7.9              | 14.2             | 14.8             | 9.6              |
| <b>83,0°</b> | 3.5                          | 3.2             | 3.1             | 3.1            | 2.9            | 2.8            | 2.8   | 4.2              | 4.2              | 4.2              | 4.5              | 4.9              | 6.9              | 7.1              | 5.4              |
| <b>84,0°</b> | 2.6                          | 2.5             | 2.3             | 2.3            | 2.3            | 2.2            | 2.2   | 3.1              | 3.2              | 3.2              | 3.3              | 3.4              | 3.6              | 3.5              | 3.2              |
| <b>85,0°</b> | 1.9                          | 1.7             | 1.7             | 1.6            | 1.6            | 1.5            | 1.6   | 2.3              | 2.4              | 2.4              | 2.5              | 2.4              | 2.4              | 2.3              | 2.3              |
| <b>86,0°</b> | 1.3                          | 1.2             | 1.1             | 1.1            | 1.1            | 1.1            | 1.1   | 1.8              | 1.9              | 1.8              | 1.9              | 1.8              | 1.9              | 1.7              | 1.8              |
| <b>87,0°</b> | 0.9                          | 0.8             | 0.8             | 0.7            | 0.7            | 0.7            | 0.8   | 1.4              | 1.5              | 1.4              | 1.5              | 1.5              | 1.4              | 1.4              | 1.4              |
| <b>88,0°</b> | 0.5                          | 0.5             | 0.5             | 0.5            | 0.5            | 0.5            | 0.5   | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              | 1.2              |
| <b>89,0°</b> | 0.4                          | 0.4             | 0.4             | 0.3            | 0.3            | 0.3            | 0.4   | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              | 1.0              |
| <b>90,0°</b> | 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>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° |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|          | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| γ        |                              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| 73,0°    | 24.9                         | 24.3             | 24.5             | 25.3             | 25.5             | 25.7             | 25.5             | 25.6             | 25.6             | 25.7             | 25.5             | 25.3             | 24.2             | 24.2             | 24.3             |
| 74,0°    | 22.7                         | 21.8             | 22.0             | 23.1             | 23.1             | 23.3             | 23.3             | 23.1             | 23.0             | 23.0             | 22.3             | 21.8             | 21.3             | 22.1             | 22.2             |
| 75,0°    | 20.1                         | 19.3             | 19.5             | 20.0             | 20.1             | 20.7             | 20.5             | 20.1             | 19.5             | 19.2             | 18.5             | 18.6             | 18.7             | 19.6             | 20.1             |
| 76,0°    | 17.5                         | 16.8             | 17.0             | 17.6             | 17.7             | 18.1             | 17.8             | 17.2             | 16.6             | 16.1             | 16.0             | 16.1             | 16.1             | 16.5             | 17.1             |
| 77,0°    | 15.2                         | 14.8             | 14.8             | 15.1             | 14.9             | 15.8             | 14.9             | 14.7             | 13.6             | 13.6             | 13.1             | 13.4             | 12.7             | 13.5             | 13.5             |
| 78,0°    | 13.3                         | 13.0             | 12.8             | 12.6             | 12.4             | 13.0             | 12.1             | 11.6             | 11.1             | 10.9             | 10.7             | 10.7             | 10.4             | 10.5             | 10.3             |
| 79,0°    | 12.2                         | 11.5             | 11.0             | 10.5             | 10.6             | 10.6             | 9.8              | 9.6              | 9.0              | 8.8              | 8.6              | 8.6              | 8.3              | 8.5              | 8.1              |
| 80,0°    | 10.6                         | 9.9              | 9.3              | 8.2              | 8.3              | 8.6              | 8.1              | 7.7              | 7.2              | 6.8              | 6.6              | 6.5              | 6.1              | 6.1              | 6.0              |
| 81,0°    | 8.5                          | 8.0              | 7.5              | 6.6              | 6.6              | 6.8              | 6.6              | 6.2              | 5.6              | 5.3              | 5.0              | 4.8              | 4.6              | 4.6              | 4.5              |
| 82,0°    | 6.3                          | 6.0              | 5.6              | 5.1              | 5.1              | 5.3              | 5.1              | 4.9              | 4.4              | 4.1              | 3.7              | 3.6              | 3.3              | 3.2              | 3.2              |
| 83,0°    | 4.4                          | 4.3              | 4.0              | 3.8              | 3.7              | 3.8              | 3.8              | 3.5              | 3.1              | 2.9              | 2.7              | 2.6              | 2.4              | 2.4              | 2.2              |
| 84,0°    | 3.0                          | 3.0              | 2.8              | 2.7              | 2.7              | 2.8              | 2.7              | 2.5              | 2.2              | 2.1              | 2.0              | 2.0              | 1.8              | 1.7              | 1.6              |
| 85,0°    | 2.2                          | 2.2              | 2.0              | 2.0              | 1.8              | 1.9              | 1.7              | 1.8              | 1.5              | 1.5              | 1.3              | 1.3              | 1.2              | 1.1              | 0.9              |
| 86,0°    | 1.7                          | 1.7              | 1.6              | 1.4              | 1.4              | 1.3              | 1.2              | 1.2              | 1.1              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.7              |
| 87,0°    | 1.4                          | 1.3              | 1.3              | 1.2              | 1.2              | 1.1              | 1.1              | 1.0              | 0.9              | 0.9              | 0.8              | 0.7              | 0.7              | 0.7              | 0.6              |
| 88,0°    | 1.2                          | 1.1              | 1.1              | 1.0              | 1.0              | 1.0              | 0.9              | 0.9              | 0.8              | 0.8              | 0.7              | 0.7              | 0.7              | 0.6              | 0.5              |
| 89,0°    | 1.0                          | 1.0              | 1.0              | 0.9              | 0.9              | 0.9              | 0.8              | 0.8              | 0.8              | 0.7              | 0.7              | 0.7              | 0.6              | 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              | 0.0              | 0.0              |

| 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 |
|----------|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|-------------------------|-------------------|
|          | Luminous intensity in cd/klm |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        | Luminous flux in lm/klm |                   |
| γ        |                              |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |        |                         |                   |
| 73,0°    | 25.2                         | 23.7             | 20.7             | 17.3             | 15.7             | 14.3             | 13.6             | 13.2             | 13.9             | 12.2             | 11.9             | 11.5             | 12.0   | 12.5                    | 950.9             |
| 74,0°    | 22.7                         | 20.6             | 17.8             | 14.9             | 13.0             | 11.5             | 11.0             | 10.5             | 10.8             | 9.4              | 9.0              | 8.5              | 8.6    | 11.7                    | 962.5             |
| 75,0°    | 19.7                         | 17.1             | 15.0             | 13.1             | 11.1             | 9.5              | 9.0              | 8.4              | 8.6              | 7.4              | 7.0              | 6.4              | 6.5    | 10.6                    | 973.1             |
| 76,0°    | 16.2                         | 14.3             | 12.8             | 11.1             | 9.6              | 8.0              | 7.3              | 6.7              | 6.5              | 5.6              | 5.1              | 4.7              | 4.8    | 8.7                     | 981.9             |
| 77,0°    | 13.4                         | 11.9             | 10.7             | 9.0              | 7.7              | 6.2              | 6.0              | 5.0              | 4.6              | 3.7              | 3.4              | 2.9              | 3.1    | 6.4                     | 988.3             |
| 78,0°    | 10.5                         | 9.9              | 8.8              | 7.2              | 5.7              | 4.7              | 4.3              | 3.6              | 3.1              | 2.4              | 2.0              | 1.7              | 1.7    | 4.4                     | 992.7             |
| 79,0°    | 8.3                          | 7.6              | 6.9              | 5.6              | 4.5              | 3.8              | 3.4              | 2.7              | 2.2              | 1.6              | 1.2              | 1.0              | 1.0    | 2.8                     | 995.4             |
| 80,0°    | 6.2                          | 5.6              | 5.3              | 4.3              | 3.5              | 2.9              | 2.4              | 1.9              | 1.6              | 1.1              | 0.8              | 0.7              | 0.7    | 1.7                     | 997.1             |
| 81,0°    | 4.5                          | 4.1              | 4.0              | 3.2              | 2.6              | 2.2              | 1.9              | 1.5              | 1.2              | 0.9              | 0.7              | 0.5              | 0.5    | 0.9                     | 998.0             |
| 82,0°    | 3.2                          | 3.0              | 3.0              | 2.4              | 2.0              | 1.6              | 1.4              | 1.1              | 0.9              | 0.6              | 0.5              | 0.5              | 0.5    | 0.6                     | 998.6             |
| 83,0°    | 2.0                          | 2.1              | 2.2              | 1.7              | 1.4              | 1.2              | 1.0              | 0.8              | 0.6              | 0.5              | 0.5              | 0.4              | 0.4    | 0.4                     | 999.1             |
| 84,0°    | 1.5                          | 1.6              | 1.5              | 1.1              | 1.0              | 0.8              | 0.7              | 0.6              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3    | 0.3                     | 999.4             |
| 85,0°    | 1.0                          | 1.0              | 1.0              | 0.7              | 0.7              | 0.5              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3    | 0.2                     | 999.6             |
| 86,0°    | 0.6                          | 0.6              | 0.5              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3    | 0.1                     | 999.7             |
| 87,0°    | 0.5                          | 0.5              | 0.5              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.2              | 0.2    | 0.1                     | 999.8             |
| 88,0°    | 0.5                          | 0.5              | 0.4              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.2              | 0.2    | 0.1                     | 999.9             |
| 89,0°    | 0.5                          | 0.5              | 0.4              | 0.4              | 0.4              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.3              | 0.2    | 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              | 0.0    | 0.0                     | 1000.0            |

## Photometric test report

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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2B43S08JB</b><br><b>EAN: 4058352724699</b> | <b>LP number</b><br>59074_63           |
| <b>Dimming levels table</b>              |  | <b>environmental temperature: 25°C</b> |
| <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                       | 13390              | 87.3                  | 90.3                  | 88.8                  |
| 95              | 239                  | 252                       | 12736              | 82.1                  | 84.9                  | 83.5                  |
| 90              | 224                  | 249                       | 12064              | 76.9                  | 79.4                  | 78.2                  |
| 85              | 209                  | 247                       | 11377              | 71.7                  | 74.1                  | 72.9                  |
| 80              | 195                  | 244                       | 10715              | 66.8                  | 69.1                  | 67.9                  |
| 75              | 181                  | 242                       | 10037              | 62.1                  | 64.1                  | 63.1                  |
| 70              | 167                  | 239                       | 9350               | 57.4                  | 59.2                  | 58.3                  |
| 65              | 154                  | 236                       | 8702               | 53.0                  | 54.7                  | 53.8                  |
| 60              | 141                  | 232                       | 8041               | 48.6                  | 50.2                  | 49.4                  |
| 55              | 128                  | 229                       | 7370               | 44.3                  | 45.7                  | 45.0                  |
| 50              | 115                  | 225                       | 6681               | 40.0                  | 41.3                  | 40.6                  |
| 45              | 103                  | 221                       | 6035               | 36.1                  | 37.2                  | 36.7                  |
| 40              | 91                   | 216                       | 5378               | 32.1                  | 33.1                  | 32.6                  |
| 35              | 79                   | 211                       | 4711               | 28.2                  | 29.0                  | 28.6                  |
| 30              | 67                   | 205                       | 4034               | 24.3                  | 25.0                  | 24.6                  |
| 25              | 55                   | 198                       | 3347               | 20.4                  | 21.0                  | 20.7                  |
| 20              | 43                   | 189                       | 2651               | 16.5                  | 17.0                  | 16.8                  |
| 15              | 32                   | 178                       | 2005               | 13.0                  | 13.3                  | 13.2                  |
| 15              | 31                   | 177                       | 1945               | 12.7                  | 13.0                  | 12.8                  |

## Dimming levels table

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                       | 13810              | 88.4                  | 91.4                  | 89.9                  |
| 95              | 239                  | 252                       | 13114              | 83.1                  | 85.9                  | 84.5                  |
| 90              | 225                  | 250                       | 12453              | 78.1                  | 80.8                  | 79.4                  |
| 85              | 210                  | 247                       | 11729              | 73.0                  | 75.4                  | 74.2                  |
| 80              | 196                  | 245                       | 11037              | 68.1                  | 70.4                  | 69.2                  |
| 75              | 183                  | 242                       | 10381              | 63.6                  | 65.6                  | 64.6                  |
| 70              | 169                  | 239                       | 9667               | 58.8                  | 60.7                  | 59.8                  |
| 65              | 156                  | 236                       | 8996               | 54.4                  | 56.2                  | 55.3                  |
| 60              | 143                  | 233                       | 8312               | 50.0                  | 51.6                  | 50.8                  |
| 55              | 130                  | 229                       | 7620               | 45.6                  | 47.0                  | 46.3                  |
| 50              | 117                  | 226                       | 6912               | 41.3                  | 42.6                  | 42.0                  |
| 45              | 104                  | 221                       | 6194               | 37.0                  | 38.1                  | 37.6                  |
| 40              | 92                   | 217                       | 5522               | 32.9                  | 33.9                  | 33.4                  |
| 35              | 80                   | 212                       | 4841               | 28.9                  | 29.8                  | 29.4                  |
| 30              | 68                   | 206                       | 4151               | 25.0                  | 25.8                  | 25.4                  |
| 25              | 56                   | 199                       | 3451               | 21.0                  | 21.6                  | 21.3                  |
| 20              | 44                   | 190                       | 2745               | 17.1                  | 17.6                  | 17.4                  |
| 15              | 33                   | 179                       | 2089               | 13.5                  | 13.9                  | 13.7                  |
| 14              | 31                   | 177                       | 1969               | 12.9                  | 13.2                  | 13.0                  |

## Photometric test report

|  |  |                              |
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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2B43S08JB</b><br><b>EAN: 4058352724699</b> | <b>LP number</b><br>59074_63 |
|--|--|------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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] start of lifetime | Power consumption [W] end of lifetime | Power consumption [W] average |
|-----------------|----------------------|---------------------------|--------------------|---|---------------------------------------|-------------------------------|
| 100             | 254                  | 254                       | 13620              | 87.8                                    | 90.8                                  | 89.3                          |
| 95              | 239                  | 252                       | 12943              | 82.6                                    | 85.4                                  | 84.0                          |
| 90              | 224                  | 249                       | 12252              | 77.3                                    | 79.9                                  | 78.6                          |
| 85              | 210                  | 247                       | 11592              | 72.5                                    | 74.9                                  | 73.7                          |
| 80              | 196                  | 245                       | 10915              | 67.7                                    | 69.9                                  | 68.8                          |
| 75              | 182                  | 242                       | 10222              | 62.9                                    | 64.9                                  | 63.9                          |
| 70              | 168                  | 239                       | 9520               | 58.1                                    | 60.0                                  | 59.0                          |
| 65              | 155                  | 236                       | 8860               | 53.7                                    | 55.4                                  | 54.6                          |
| 60              | 142                  | 233                       | 8186               | 49.3                                    | 50.9                                  | 50.1                          |
| 55              | 129                  | 229                       | 7503               | 44.9                                    | 46.4                                  | 45.6                          |
| 50              | 116                  | 225                       | 6804               | 40.6                                    | 41.9                                  | 41.2                          |
| 45              | 104                  | 221                       | 6149               | 36.7                                    | 37.8                                  | 37.2                          |
| 40              | 91                   | 216                       | 5428               | 32.3                                    | 33.4                                  | 32.8                          |
| 35              | 79                   | 211                       | 4754               | 28.4                                    | 29.2                                  | 28.8                          |
| 30              | 67                   | 205                       | 4068               | 24.5                                    | 25.2                                  | 24.8                          |
| 25              | 56                   | 199                       | 3432               | 20.8                                    | 21.5                                  | 21.2                          |
| 20              | 44                   | 190                       | 2731               | 17.0                                    | 17.5                                  | 17.2                          |
| 15              | 32                   | 178                       | 2019               | 13.1                                    | 13.4                                  | 13.2                          |
| 14              | 31                   | 177                       | 1960               | 12.8                                    | 13.1                                  | 13.0                          |

**Photometric test report**

|  |  |                                     |
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| <b>Family</b><br>Streetlight 21 mini LED | <b>Order number: 5XE2B43S08JB</b><br><b>EAN: 4058352724699</b> | <b>LP number</b><br><b>59074_63</b> |
|--|--|-------------------------------------|

**Luminousfluxs table**



| Temperature<br>°C | Luminous flux<br>lm | Power consumption<br>W |
|-------------------|---------------------|------------------------|
| 25.0              | 13390.0             | 87.3                   |
| 5.0               | 13810.0             | 88.4                   |
| 15.0              | 13620.0             | 87.8                   |