

## Photometric test report

Family  
**LANTERN CLASSIC LED**

Order number: **5XA5245KF14H + 5XA54000XS**  
EAN: **4058352834558 + 4050737730073**

LP number  
**59105\_26**



**Version** post-top- or mounting to wall arm, spreader element, structured  
**Optic** asymmetric, wide distribution (ST1.2a)  
**Cover** cover transparent, PMMA  
**Lamps** LED 4000 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1310 lm  
Power consumption = 10.0 W  
Luminous efficacy = 131 lm/W

serial  
documentation  
08.07.2022

siteco

Luminous intensity in cd/klm

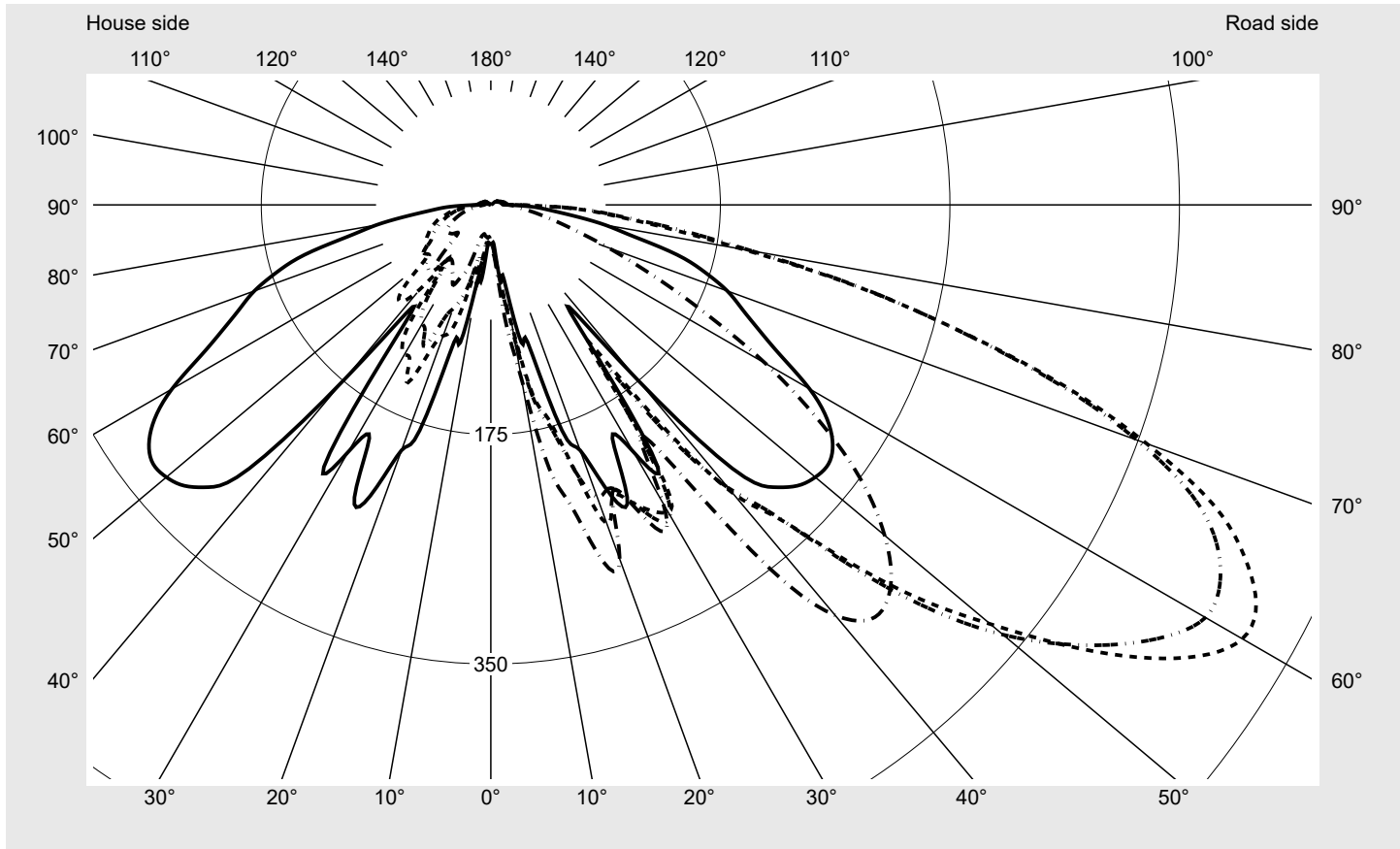
C180-0

C205-25

C210-30

C270-90

Imax: **662 cd/klm**



### Luminaire output ratios

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 97.2%  |
| Eta 90° - 180° | 2.8%   |

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

|           |       |
|-----------|-------|
| Class:    | ---   |
| Imax 70°  | 532.1 |
| Imax 80°  | 201.9 |
| Imax 90°  | 20.2  |
| Imax >90° | 12.6  |
| Imax >95° | 11.3  |

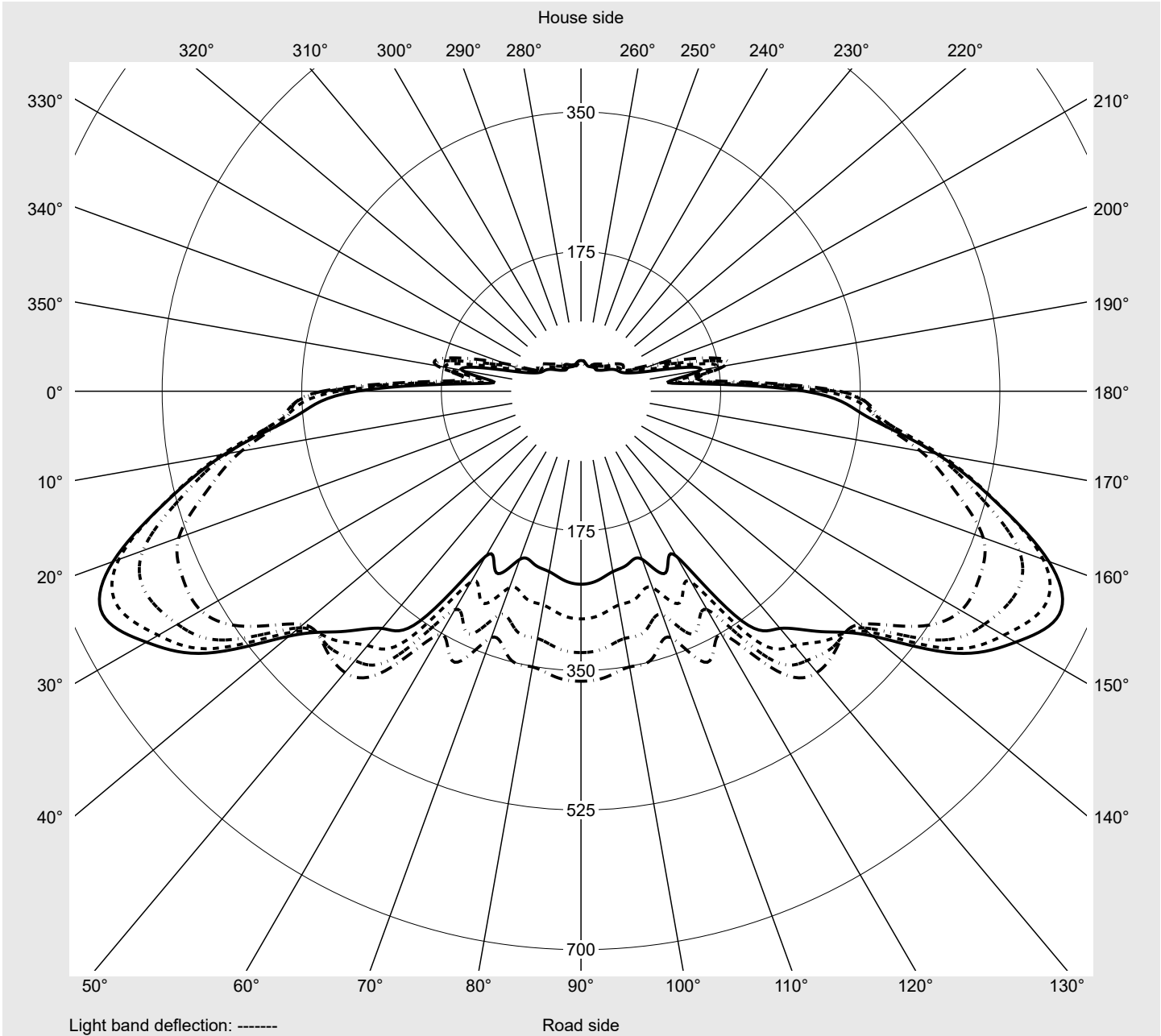
### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

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

**Envelope curve in cd/klm**      **KMK 60°**    **KMK 57.5°**    **KMK 55°**    **KMK 52.5°**      **siteco**



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

| C-planes | 0°<br>180°                   | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ        | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 29.8                         | 29.8       | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        | 29.8        |
| 2,5°     | 29.3                         | 29.3       | 29.9        | 30.2        | 30.2        | 30.9        | 31.2        | 31.8        | 32.8        | 33.7        | 34.7        | 35.0        | 35.6        |
| 5,0°     | 34.3                         | 35.9       | 37.2        | 38.1        | 40.0        | 41.9        | 43.8        | 45.4        | 46.0        | 46.6        | 46.6        | 46.6        | 47.9        |
| 7,5°     | 59.2                         | 62.4       | 63.6        | 63.0        | 63.3        | 64.6        | 66.8        | 69.6        | 72.5        | 73.1        | 72.8        | 70.3        | 67.4        |
| 10,0°    | 57.6                         | 62.4       | 69.9        | 80.0        | 92.9        | 95.8        | 102.4       | 109.3       | 118.4       | 126.6       | 128.2       | 122.5       | 112.5       |
| 12,5°    | 107.4                        | 107.7      | 114.7       | 127.6       | 141.8       | 148.7       | 152.8       | 159.1       | 160.3       | 155.6       | 155.6       | 145.9       | 143.0       |
| 15,0°    | 108.4                        | 133.3      | 157.5       | 178.0       | 175.8       | 168.5       | 174.8       | 189.3       | 202.6       | 209.2       | 206.7       | 197.8       | 185.2       |
| 17,5°    | 180.2                        | 187.4      | 186.2       | 203.2       | 218.3       | 211.4       | 211.7       | 222.7       | 227.4       | 230.6       | 232.5       | 223.0       | 211.1       |
| 20,0°    | 199.1                        | 214.5      | 225.9       | 240.7       | 253.6       | 258.6       | 236.9       | 232.2       | 235.6       | 226.2       | 237.8       | 223.4       | 209.2       |
| 22,5°    | 240.0                        | 252.0      | 254.2       | 256.1       | 255.5       | 241.6       | 234.1       | 224.3       | 236.3       | 224.0       | 244.1       | 233.7       | 217.1       |
| 25,0°    | 246.0                        | 250.1      | 244.8       | 247.6       | 251.7       | 248.6       | 245.7       | 232.5       | 255.8       | 244.5       | 270.0       | 264.9       | 240.0       |
| 27,5°    | 200.7                        | 212.0      | 228.1       | 244.5       | 253.9       | 262.4       | 269.3       | 249.8       | 276.9       | 256.1       | 284.5       | 272.8       | 243.5       |
| 30,0°    | 217.4                        | 244.5      | 257.1       | 267.1       | 269.3       | 270.3       | 273.4       | 251.1       | 279.4       | 253.9       | 279.4       | 259.9       | 228.4       |
| 32,5°    | 236.9                        | 253.6      | 256.4       | 252.0       | 245.4       | 235.6       | 225.2       | 185.5       | 222.1       | 199.1       | 234.4       | 234.7       | 222.1       |
| 35,0°    | 144.0                        | 124.4      | 109.0       | 102.4       | 111.5       | 127.0       | 144.3       | 130.1       | 188.1       | 172.0       | 214.8       | 222.7       | 230.9       |
| 37,5°    | 98.0                         | 108.7      | 125.1       | 147.1       | 173.9       | 199.7       | 217.7       | 208.5       | 242.6       | 224.9       | 274.1       | 260.2       | 250.1       |
| 40,0°    | 174.2                        | 196.3      | 222.4       | 254.5       | 278.2       | 286.4       | 281.6       | 274.1       | 293.6       | 296.1       | 327.0       | 301.5       | 281.9       |
| 42,5°    | 272.5                        | 289.5      | 311.2       | 332.4       | 331.4       | 323.5       | 321.3       | 321.0       | 348.1       | 364.5       | 385.3       | 363.2       | 339.0       |
| 45,0°    | 304.3                        | 330.5      | 353.8       | 372.0       | 380.2       | 383.4       | 390.9       | 376.8       | 411.4       | 416.1       | 445.1       | 422.4       | 388.1       |
| 47,5°    | 316.9                        | 350.0      | 387.2       | 412.7       | 436.0       | 445.4       | 457.7       | 427.2       | 444.8       | 435.7       | 463.1       | 441.0       | 396.0       |
| 50,0°    | 322.9                        | 363.2      | 417.4       | 453.6       | 484.2       | 497.1       | 509.7       | 472.9       | 453.3       | 448.9       | 469.4       | 442.6       | 380.9       |
| 52,5°    | 324.5                        | 369.8      | 432.2       | 486.1       | 536.5       | 551.3       | 550.0       | 513.8       | 454.9       | 453.9       | 460.2       | 427.8       | 351.9       |
| 55,0°    | 318.2                        | 376.8      | 450.2       | 520.1       | 584.4       | 601.1       | 584.1       | 543.7       | 461.5       | 450.2       | 440.7       | 407.3       | 316.3       |
| 57,5°    | 304.0                        | 373.3      | 457.1       | 540.0       | 616.5       | 640.1       | 611.8       | 562.3       | 469.1       | 440.1       | 416.1       | 380.9       | 276.3       |
| 60,0°    | 280.7                        | 358.8      | 453.0       | 539.3       | 624.1       | 661.5       | 629.1       | 572.4       | 477.6       | 426.2       | 388.1       | 351.6       | 238.8       |
| 62,5°    | 249.5                        | 335.8      | 430.6       | 518.5       | 605.8       | 657.8       | 626.6       | 566.1       | 476.6       | 408.6       | 361.3       | 321.3       | 200.7       |
| 65,0°    | 225.6                        | 308.1      | 402.6       | 481.7       | 569.9       | 633.8       | 610.5       | 547.5       | 464.3       | 384.0       | 333.9       | 289.8       | 171.7       |
| 67,5°    | 207.3                        | 291.7      | 376.8       | 445.8       | 526.1       | 595.7       | 578.7       | 513.5       | 436.9       | 356.0       | 304.9       | 259.9       | 143.0       |
| 70,0°    | 191.8                        | 270.3      | 345.0       | 398.5       | 464.7       | 532.1       | 524.2       | 461.5       | 392.2       | 317.2       | 272.2       | 227.1       | 129.8       |
| 72,5°    | 171.4                        | 243.8      | 307.1       | 352.8       | 407.6       | 458.0       | 453.3       | 398.2       | 335.8       | 268.1       | 229.3       | 198.8       | 103.3       |
| 75,0°    | 147.1                        | 205.7      | 255.2       | 293.0       | 331.7       | 368.9       | 367.9       | 325.7       | 273.1       | 217.7       | 188.4       | 165.7       | 88.5        |
| 77,5°    | 111.8                        | 158.8      | 196.3       | 226.5       | 256.4       | 283.8       | 285.7       | 252.6       | 212.0       | 170.4       | 150.9       | 140.8       | 79.4        |
| 80,0°    | 88.8                         | 119.1      | 144.0       | 163.5       | 180.5       | 195.6       | 201.9       | 184.0       | 157.8       | 130.4       | 113.1       | 108.7       | 60.8        |
| 82,5°    | 63.3                         | 84.4       | 102.4       | 115.6       | 127.0       | 135.5       | 144.6       | 136.1       | 119.7       | 98.0        | 81.0        | 76.9        | 43.2        |
| 85,0°    | 44.4                         | 57.0       | 69.0        | 78.4        | 86.0        | 93.9        | 98.0        | 95.8        | 85.4        | 69.3        | 57.3        | 52.9        | 33.7        |
| 87,5°    | 30.9                         | 40.3       | 47.6        | 54.8        | 59.2        | 62.4        | 66.5        | 66.2        | 58.9        | 49.5        | 41.9        | 39.4        | 27.1        |
| 90,0°    | 11.7                         | 12.6       | 14.2        | 15.1        | 16.1        | 17.0        | 18.9        | 19.8        | 20.2        | 19.2        | 18.9        | 19.8        | 16.1        |
| 92,5°    | 9.8                          | 10.1       | 10.7        | 11.3        | 12.0        | 12.0        | 12.0        | 12.0        | 11.7        | 11.7        | 11.7        | 11.7        | 10.7        |
| 95,0°    | 9.1                          | 10.1       | 10.1        | 10.7        | 11.3        | 11.3        | 11.3        | 11.0        | 11.3        | 11.0        | 11.0        | 10.7        | 10.4        |
| 97,5°    | 8.8                          | 9.5        | 10.1        | 10.1        | 10.7        | 10.7        | 10.7        | 10.7        | 10.7        | 10.7        | 10.4        | 10.4        | 10.1        |
| 100,0°   | 8.2                          | 8.8        | 9.5         | 9.5         | 9.8         | 10.1        | 10.1        | 10.1        | 10.1        | 10.1        | 9.8         | 9.8         | 9.5         |
| 102,5°   | 7.9                          | 8.2        | 8.8         | 8.8         | 8.8         | 9.5         | 9.5         | 9.5         | 9.1         | 9.1         | 9.1         | 9.1         | 8.8         |
| 105,0°   | 7.2                          | 7.6        | 8.2         | 8.2         | 8.2         | 8.2         | 8.8         | 8.5         | 8.5         | 8.5         | 8.5         | 8.8         | 8.8         |
| 107,5°   | 6.6                          | 6.9        | 7.2         | 7.6         | 7.6         | 7.9         | 8.2         | 8.2         | 7.9         | 7.9         | 8.2         | 8.2         | 8.2         |
| 110,0°   | 6.3                          | 6.3        | 6.9         | 6.9         | 7.6         | 7.6         | 7.6         | 7.6         | 7.2         | 7.6         | 7.6         | 7.6         | 7.6         |
| 112,5°   | 5.7                          | 6.3        | 6.3         | 6.9         | 6.9         | 6.9         | 7.2         | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         | 6.9         |

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


| C-planes | 65°<br>115°                  | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90°   | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ        | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 29.8                         | 29.8        | 29.8        | 29.8        | 29.8       | 29.8  | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         |
| 2,5°     | 35.9                         | 36.2        | 36.5        | 36.5        | 36.9       | 36.5  | 28.7         | 28.4         | 28.0         | 27.7         | 27.7         | 27.4         | 27.1         |
| 5,0°     | 50.1                         | 51.0        | 50.1        | 50.4        | 49.8       | 49.1  | 33.4         | 32.4         | 31.8         | 30.9         | 30.2         | 29.6         | 29.3         |
| 7,5°     | 68.7                         | 74.3        | 81.0        | 85.7        | 92.3       | 94.5  | 54.5         | 49.1         | 42.2         | 38.1         | 34.0         | 31.5         | 30.2         |
| 10,0°    | 100.5                        | 101.8       | 118.4       | 128.2       | 131.7      | 134.8 | 57.6         | 59.5         | 63.3         | 64.3         | 61.7         | 51.0         | 39.1         |
| 12,5°    | 140.8                        | 150.0       | 172.6       | 192.2       | 204.1      | 206.0 | 86.0         | 93.2         | 69.3         | 59.2         | 45.7         | 39.4         | 43.5         |
| 15,0°    | 190.6                        | 189.0       | 204.1       | 232.8       | 241.6      | 238.2 | 92.6         | 81.0         | 76.2         | 74.3         | 74.7         | 59.2         | 68.7         |
| 17,5°    | 222.4                        | 222.7       | 237.2       | 272.5       | 284.5      | 285.4 | 151.8        | 99.5         | 121.0        | 105.8        | 100.2        | 75.3         | 75.6         |
| 20,0°    | 232.2                        | 227.4       | 229.3       | 267.5       | 285.1      | 287.3 | 168.9        | 117.8        | 143.7        | 122.2        | 106.2        | 84.4         | 80.0         |
| 22,5°    | 242.3                        | 228.4       | 206.3       | 230.3       | 239.1      | 241.3 | 204.5        | 130.1        | 153.1        | 137.4        | 119.4        | 95.1         | 81.9         |
| 25,0°    | 258.9                        | 244.1       | 223.7       | 247.3       | 250.8      | 248.9 | 207.6        | 129.8        | 174.2        | 161.3        | 149.3        | 118.8        | 96.7         |
| 27,5°    | 264.9                        | 255.2       | 241.0       | 269.0       | 278.8      | 280.4 | 152.5        | 94.8         | 161.3        | 144.6        | 134.2        | 109.0        | 90.4         |
| 30,0°    | 245.7                        | 235.3       | 222.1       | 245.7       | 258.6      | 262.7 | 155.9        | 92.3         | 157.5        | 141.8        | 131.7        | 104.6        | 85.1         |
| 32,5°    | 218.0                        | 209.8       | 207.6       | 226.8       | 218.0      | 212.3 | 176.1        | 96.7         | 155.9        | 135.1        | 125.4        | 97.7         | 76.9         |
| 35,0°    | 253.9                        | 228.1       | 218.9       | 247.0       | 246.0      | 243.8 | 122.2        | 101.1        | 131.1        | 114.0        | 101.4        | 79.1         | 66.8         |
| 37,5°    | 287.9                        | 248.2       | 258.0       | 320.7       | 343.1      | 349.7 | 87.6         | 77.5         | 80.0         | 69.6         | 61.1         | 51.7         | 46.6         |
| 40,0°    | 336.4                        | 308.1       | 333.6       | 388.7       | 401.7      | 408.3 | 134.8        | 95.1         | 112.8        | 95.1         | 83.5         | 62.1         | 48.5         |
| 42,5°    | 397.2                        | 355.7       | 378.0       | 414.3       | 424.0      | 428.4 | 182.4        | 127.9        | 161.3        | 127.3        | 99.9         | 69.0         | 61.7         |
| 45,0°    | 431.3                        | 376.1       | 397.9       | 416.8       | 424.3      | 427.2 | 185.5        | 149.3        | 184.0        | 138.3        | 98.9         | 68.0         | 71.2         |
| 47,5°    | 429.4                        | 370.2       | 392.8       | 404.2       | 411.7      | 413.9 | 178.6        | 161.3        | 179.9        | 128.5        | 84.4         | 68.0         | 73.1         |
| 50,0°    | 408.0                        | 354.1       | 373.6       | 381.2       | 389.4      | 391.9 | 164.8        | 173.3        | 170.4        | 111.5        | 66.2         | 61.4         | 65.2         |
| 52,5°    | 374.9                        | 328.6       | 346.5       | 350.9       | 359.8      | 363.5 | 155.3        | 182.7        | 161.3        | 100.5        | 62.4         | 61.4         | 59.5         |
| 55,0°    | 335.5                        | 298.3       | 311.2       | 314.7       | 323.8      | 327.6 | 141.1        | 182.1        | 142.4        | 88.5         | 62.1         | 62.7         | 58.0         |
| 57,5°    | 292.7                        | 262.1       | 268.4       | 272.2       | 281.3      | 285.4 | 125.7        | 171.1        | 121.9        | 76.2         | 58.0         | 56.7         | 52.6         |
| 60,0°    | 251.1                        | 224.3       | 224.9       | 229.7       | 238.2      | 241.9 | 115.0        | 151.5        | 104.0        | 67.4         | 56.1         | 52.3         | 47.9         |
| 62,5°    | 211.7                        | 186.2       | 182.7       | 187.1       | 193.1      | 195.3 | 104.3        | 128.8        | 88.8         | 62.4         | 55.1         | 50.4         | 45.0         |
| 65,0°    | 179.2                        | 154.0       | 146.8       | 149.6       | 155.0      | 155.6 | 95.5         | 110.3        | 78.4         | 58.9         | 52.6         | 47.3         | 41.9         |
| 67,5°    | 150.3                        | 125.1       | 115.9       | 117.2       | 119.7      | 121.6 | 85.7         | 97.3         | 71.5         | 55.8         | 50.4         | 44.1         | 38.4         |
| 70,0°    | 126.3                        | 101.8       | 91.7        | 91.7        | 92.9       | 95.1  | 85.1         | 88.2         | 65.8         | 53.9         | 47.6         | 41.6         | 35.9         |
| 72,5°    | 104.3                        | 81.3        | 70.9        | 69.3        | 71.2       | 72.5  | 74.0         | 80.0         | 58.6         | 50.4         | 44.1         | 37.8         | 32.8         |
| 75,0°    | 86.6                         | 65.5        | 55.8        | 53.6        | 54.8       | 56.1  | 66.5         | 69.0         | 50.7         | 46.6         | 40.6         | 34.7         | 29.6         |
| 77,5°    | 73.7                         | 52.0        | 43.2        | 40.6        | 41.9       | 43.5  | 55.8         | 55.8         | 42.8         | 40.3         | 35.3         | 30.9         | 26.5         |
| 80,0°    | 57.3                         | 41.3        | 34.3        | 32.1        | 32.8       | 34.0  | 45.7         | 45.7         | 36.9         | 35.0         | 31.5         | 27.4         | 23.6         |
| 82,5°    | 41.3                         | 31.8        | 27.1        | 25.2        | 25.2       | 25.8  | 35.9         | 35.0         | 29.3         | 28.4         | 25.2         | 22.7         | 19.8         |
| 85,0°    | 32.4                         | 25.8        | 22.1        | 20.8        | 20.8       | 20.8  | 27.1         | 26.1         | 23.6         | 22.7         | 20.5         | 18.3         | 16.4         |
| 87,5°    | 26.8                         | 22.1        | 19.5        | 18.0        | 17.6       | 17.6  | 20.8         | 19.5         | 19.2         | 17.6         | 16.1         | 14.8         | 13.2         |
| 90,0°    | 17.6                         | 15.4        | 14.5        | 13.9        | 13.9       | 13.9  | 10.4         | 10.4         | 9.8          | 9.5          | 8.8          | 8.5          | 8.2          |
| 92,5°    | 11.3                         | 11.7        | 12.0        | 12.0        | 12.6       | 12.6  | 8.8          | 8.8          | 8.5          | 8.2          | 7.9          | 7.9          | 7.6          |
| 95,0°    | 10.7                         | 11.0        | 11.3        | 11.7        | 12.0       | 12.0  | 8.8          | 8.8          | 8.5          | 8.2          | 7.9          | 7.6          | 7.6          |
| 97,5°    | 10.7                         | 10.7        | 10.7        | 11.3        | 11.3       | 11.3  | 8.2          | 8.2          | 8.2          | 7.9          | 7.6          | 7.6          | 7.6          |
| 100,0°   | 10.1                         | 10.1        | 10.4        | 10.7        | 10.7       | 10.7  | 8.2          | 7.6          | 7.6          | 7.6          | 7.6          | 7.6          | 6.9          |
| 102,5°   | 9.5                          | 9.5         | 9.5         | 9.8         | 10.1       | 10.1  | 7.6          | 6.9          | 6.9          | 6.9          | 6.9          | 6.9          | 6.3          |
| 105,0°   | 8.8                          | 8.8         | 8.8         | 9.1         | 9.5        | 8.8   | 6.9          | 6.9          | 6.3          | 6.3          | 6.3          | 6.0          | 5.7          |
| 107,5°   | 8.2                          | 8.2         | 8.5         | 8.8         | 8.8        | 8.2   | 6.3          | 6.0          | 5.7          | 5.7          | 5.7          | 5.4          | 5.0          |
| 110,0°   | 7.6                          | 7.9         | 8.2         | 8.2         | 8.2        | 7.6   | 5.7          | 5.7          | 5.4          | 5.0          | 5.0          | 5.0          | 5.0          |
| 112,5°   | 7.6                          | 7.6         | 7.6         | 7.6         | 6.9        | 4.4   | 5.7          | 5.4          | 5.0          | 5.0          | 5.0          | 5.0          | 5.0          |

## Photometric test report

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Family</b><br><b>LANTERN CLASSIC LED</b>     | <b>Order number: 5XA5245KF14H + 5XA54000XS</b><br><b>EAN: 4058352834558 + 4050737730073</b> | <b>LP number</b><br><b>59105_26</b> |
| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b>   |
|   |   | <b>siteco</b>                       |

| C-planes | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270° | Phi-zone                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| γ        | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |      | Luminous flux in lm/klm |                   |
| 0,0°     | 29.8                         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8         | 29.8 | 0.0                     | 0.0               |
| 2,5°     | 27.1                         | 26.8         | 26.8         | 26.1         | 25.8         | 25.5         | 25.2         | 25.2         | 24.9         | 24.6         | 24.6 | 0.4                     | 0.4               |
| 5,0°     | 28.7                         | 28.0         | 27.1         | 26.5         | 26.1         | 25.8         | 25.5         | 25.5         | 25.2         | 24.9         | 25.2 | 0.9                     | 1.3               |
| 7,5°     | 29.3                         | 28.4         | 27.4         | 26.1         | 25.5         | 25.2         | 25.2         | 24.6         | 24.6         | 24.6         | 24.6 | 1.9                     | 3.1               |
| 10,0°    | 32.1                         | 29.3         | 27.7         | 26.5         | 25.8         | 25.2         | 24.6         | 24.3         | 23.9         | 23.9         | 23.9 | 3.4                     | 6.6               |
| 12,5°    | 50.1                         | 51.3         | 42.5         | 30.6         | 27.4         | 25.8         | 24.9         | 24.3         | 23.6         | 23.0         | 22.7 | 5.9                     | 12.4              |
| 15,0°    | 66.5                         | 57.0         | 64.0         | 69.0         | 58.6         | 41.6         | 29.9         | 26.1         | 24.9         | 23.6         | 23.9 | 8.8                     | 21.2              |
| 17,5°    | 74.0                         | 67.1         | 59.2         | 52.3         | 46.3         | 48.2         | 53.2         | 50.1         | 33.1         | 30.6         | 30.2 | 12.3                    | 33.6              |
| 20,0°    | 73.7                         | 64.9         | 59.5         | 57.6         | 57.6         | 52.6         | 48.2         | 44.7         | 37.2         | 44.7         | 52.3 | 15.0                    | 48.6              |
| 22,5°    | 71.8                         | 63.0         | 57.3         | 55.8         | 57.6         | 57.0         | 56.1         | 55.4         | 47.3         | 52.9         | 59.2 | 17.2                    | 65.8              |
| 25,0°    | 78.8                         | 63.6         | 56.7         | 56.4         | 60.2         | 60.8         | 64.6         | 65.8         | 59.9         | 64.3         | 67.4 | 20.3                    | 86.1              |
| 27,5°    | 75.0                         | 65.2         | 59.5         | 60.5         | 63.0         | 63.6         | 65.2         | 63.3         | 56.4         | 59.9         | 62.4 | 22.0                    | 108.0             |
| 30,0°    | 73.1                         | 65.8         | 61.4         | 60.2         | 61.4         | 62.4         | 62.7         | 58.6         | 52.6         | 56.1         | 58.6 | 23.6                    | 131.7             |
| 32,5°    | 74.7                         | 71.5         | 68.0         | 65.8         | 65.5         | 62.1         | 58.3         | 54.5         | 49.5         | 52.6         | 54.2 | 23.3                    | 155.0             |
| 35,0°    | 65.5                         | 67.7         | 67.1         | 69.3         | 70.3         | 65.8         | 60.2         | 54.5         | 48.5         | 50.1         | 51.7 | 20.5                    | 175.5             |
| 37,5°    | 52.0                         | 56.7         | 60.5         | 64.6         | 66.8         | 64.3         | 59.5         | 56.1         | 49.5         | 49.1         | 52.3 | 24.3                    | 199.8             |
| 40,0°    | 43.2                         | 40.3         | 46.9         | 52.3         | 59.2         | 60.2         | 59.2         | 55.8         | 51.7         | 54.2         | 59.9 | 32.4                    | 232.2             |
| 42,5°    | 54.8                         | 42.5         | 37.2         | 38.4         | 46.0         | 48.8         | 52.0         | 52.0         | 51.7         | 56.7         | 62.4 | 40.3                    | 272.5             |
| 45,0°    | 64.3                         | 51.7         | 43.2         | 39.7         | 38.7         | 37.2         | 39.4         | 42.2         | 43.5         | 46.9         | 50.4 | 46.3                    | 318.8             |
| 47,5°    | 65.2                         | 54.2         | 46.9         | 41.9         | 38.4         | 35.0         | 32.8         | 33.4         | 34.3         | 35.9         | 37.2 | 50.2                    | 369.0             |
| 50,0°    | 59.2                         | 52.0         | 46.6         | 42.8         | 40.6         | 36.5         | 33.1         | 31.2         | 30.9         | 32.1         | 32.8 | 52.8                    | 421.8             |
| 52,5°    | 53.2                         | 48.2         | 44.4         | 41.6         | 39.4         | 36.9         | 34.0         | 33.4         | 32.4         | 35.0         | 35.9 | 54.7                    | 476.5             |
| 55,0°    | 50.7                         | 44.7         | 41.0         | 38.7         | 38.7         | 36.9         | 35.0         | 34.3         | 34.3         | 37.5         | 37.8 | 55.8                    | 532.3             |
| 57,5°    | 46.9                         | 41.3         | 37.8         | 35.9         | 36.9         | 35.6         | 34.3         | 34.3         | 35.0         | 38.1         | 39.1 | 55.6                    | 588.0             |
| 60,0°    | 41.9                         | 37.2         | 34.3         | 32.8         | 33.7         | 33.4         | 32.8         | 32.8         | 35.0         | 37.8         | 38.4 | 54.4                    | 642.4             |
| 62,5°    | 39.1                         | 34.3         | 31.5         | 29.9         | 31.2         | 30.6         | 30.6         | 31.2         | 33.7         | 35.9         | 36.5 | 52.0                    | 694.4             |
| 65,0°    | 36.5                         | 31.8         | 29.6         | 27.7         | 28.7         | 28.0         | 28.0         | 28.7         | 32.1         | 33.4         | 34.0 | 48.9                    | 743.4             |
| 67,5°    | 33.7                         | 29.9         | 27.7         | 25.8         | 26.5         | 26.1         | 25.8         | 26.1         | 29.6         | 30.9         | 30.9 | 45.5                    | 788.9             |
| 70,0°    | 31.5                         | 27.4         | 25.5         | 23.6         | 24.3         | 23.6         | 23.3         | 23.9         | 26.8         | 27.7         | 27.7 | 41.3                    | 830.1             |
| 72,5°    | 28.4                         | 24.9         | 23.0         | 21.7         | 22.1         | 21.1         | 20.8         | 21.1         | 23.6         | 24.3         | 24.6 | 36.2                    | 866.3             |
| 75,0°    | 25.5                         | 22.7         | 20.8         | 19.2         | 19.5         | 18.6         | 18.3         | 18.9         | 20.8         | 20.8         | 21.4 | 30.4                    | 896.7             |
| 77,5°    | 23.0                         | 20.2         | 18.3         | 17.3         | 17.0         | 16.1         | 15.8         | 16.4         | 17.6         | 17.6         | 17.6 | 24.3                    | 921.0             |
| 80,0°    | 20.2                         | 17.6         | 16.1         | 15.1         | 14.8         | 13.9         | 12.9         | 13.5         | 14.5         | 14.5         | 14.5 | 18.5                    | 939.5             |
| 82,5°    | 17.3                         | 15.1         | 13.9         | 12.9         | 12.3         | 11.7         | 10.4         | 11.0         | 11.3         | 11.3         | 11.3 | 13.7                    | 953.3             |
| 85,0°    | 14.5                         | 12.6         | 11.7         | 10.7         | 10.1         | 9.1          | 8.5          | 8.8          | 8.8          | 8.5          | 8.2  | 10.0                    | 963.3             |
| 87,5°    | 12.0                         | 10.7         | 9.5          | 8.8          | 8.2          | 7.6          | 6.9          | 6.9          | 6.9          | 6.9          | 6.3  | 7.4                     | 970.6             |
| 90,0°    | 7.9                          | 7.6          | 6.9          | 6.3          | 6.3          | 5.7          | 5.7          | 5.7          | 5.4          | 5.4          | 5.0  | 3.3                     | 973.9             |
| 92,5°    | 7.6                          | 6.9          | 6.6          | 6.3          | 6.3          | 5.7          | 5.7          | 5.7          | 5.7          | 5.4          | 5.7  | 2.5                     | 976.5             |
| 95,0°    | 7.2                          | 6.9          | 6.6          | 6.6          | 6.3          | 6.0          | 5.7          | 5.7          | 5.7          | 5.7          | 5.7  | 2.5                     | 978.9             |
| 97,5°    | 6.9                          | 6.6          | 6.9          | 6.6          | 6.3          | 5.7          | 5.7          | 5.7          | 5.4          | 5.7          | 5.7  | 2.4                     | 981.3             |
| 100,0°   | 6.6                          | 6.3          | 6.3          | 6.3          | 6.3          | 5.7          | 5.7          | 5.0          | 5.0          | 5.4          | 5.7  | 2.2                     | 983.5             |
| 102,5°   | 6.0                          | 6.3          | 5.7          | 5.7          | 5.7          | 5.0          | 5.0          | 4.7          | 4.4          | 4.4          | 4.4  | 2.0                     | 985.5             |
| 105,0°   | 5.7                          | 5.7          | 5.4          | 5.0          | 5.0          | 4.4          | 4.4          | 4.4          | 4.4          | 3.8          | 3.8  | 1.9                     | 987.4             |
| 107,5°   | 5.0                          | 5.0          | 4.7          | 4.4          | 4.4          | 4.1          | 3.8          | 3.8          | 3.5          | 3.2          | 3.2  | 1.7                     | 989.1             |
| 110,0°   | 4.4                          | 4.4          | 4.4          | 4.4          | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 3.2  | 1.5                     | 990.6             |
| 112,5°   | 4.4                          | 4.4          | 4.4          | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 2.5          | 2.5  | 1.4                     | 992.0             |

## Photometric test report

|   |   |   |
|---|---|---|
| <b>Family</b><br><b>LANTERN CLASSIC LED</b>     | <b>Order number: 5XA5245KF14H + 5XA54000XS</b><br><b>EAN: 4058352834558 + 4050737730073</b> | <b>LP number</b><br><b>59105_26</b>   |
| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b>   |
|   |   |  |


| C-planes | 0°<br>180°                   | 5°<br>175° | 10°<br>170° | 15°<br>165° | 20°<br>160° | 25°<br>155° | 30°<br>150° | 35°<br>145° | 40°<br>140° | 45°<br>135° | 50°<br>130° | 55°<br>125° | 60°<br>120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 115,0°   | 5.7                          | 5.7        | 6.3         | 6.3         | 6.6         | 6.6         | 6.9         | 6.6         | 6.6         | 6.6         | 6.6         | 6.9         | 6.9         |
| 117,5°   | 5.0                          | 5.7        | 5.7         | 5.7         | 6.3         | 6.3         | 6.3         | 6.3         | 6.3         | 6.3         | 6.3         | 6.3         | 6.3         |
| 120,0°   | 5.0                          | 5.0        | 5.7         | 5.7         | 5.7         | 6.0         | 6.0         | 5.7         | 5.7         | 5.7         | 6.0         | 6.3         | 6.3         |
| 122,5°   | 5.0                          | 5.0        | 5.4         | 5.7         | 5.7         | 5.7         | 5.7         | 5.7         | 5.7         | 5.7         | 5.7         | 5.7         | 6.0         |
| 125,0°   | 3.8                          | 4.1        | 4.4         | 4.4         | 4.4         | 4.4         | 4.4         | 4.4         | 4.4         | 4.4         | 4.4         | 4.7         | 4.7         |
| 127,5°   | 3.2                          | 3.2        | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         | 3.2         |
| 130,0°   | 2.2                          | 2.2        | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         |
| 132,5°   | 1.9                          | 1.9        | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         |
| 135,0°   | 1.9                          | 1.9        | 1.9         | 1.6         | 1.9         | 1.6         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         |
| 137,5°   | 1.3                          | 1.3        | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         |
| 140,0°   | 1.3                          | 1.3        | 1.3         | 1.3         | 1.3         | 1.3         | 1.3         | 0.9         | 0.9         | 0.6         | 0.6         | 0.6         | 0.6         |
| 142,5°   | 0.6                          | 0.6        | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         |
| 145,0°   | 0.6                          | 0.6        | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         |
| 147,5°   | 0.6                          | 0.6        | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         | 0.6         |
| 150,0°   | 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         |
| 152,5°   | 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         |
| 155,0°   | 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         |
| 157,5°   | 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         |
| 160,0°   | 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         |
| 162,5°   | 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         |
| 165,0°   | 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         |
| 167,5°   | 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         |
| 170,0°   | 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         |
| 172,5°   | 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         |
| 175,0°   | 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         |
| 177,5°   | 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         |
| 180,0°   | 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

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Family</b><br><b>LANTERN CLASSIC LED</b>     | <b>Order number: 5XA5245KF14H + 5XA54000XS</b><br><b>EAN: 4058352834558 + 4050737730073</b> | <b>LP number</b><br><b>59105_26</b> |
| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b>   |
|   |   | <b>siteco</b>                       |

| C-planes | 65°<br>115°                  | 70°<br>110° | 75°<br>105° | 80°<br>100° | 85°<br>95° | 90° | 185°<br>355° | 190°<br>350° | 195°<br>345° | 200°<br>340° | 205°<br>335° | 210°<br>330° | 215°<br>325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ        | Luminous intensity in cd/klm |             |             |             |            |     |              |              |              |              |              |              |              |
| 115,0°   | 6.9                          | 6.9         | 7.6         | 7.6         | 6.0        | 2.5 | 5.0          | 5.0          | 5.0          | 4.7          | 4.7          | 4.7          | 4.4          |
| 117,5°   | 6.9                          | 6.9         | 6.9         | 6.9         | 5.0        | 2.5 | 5.0          | 5.0          | 4.4          | 4.4          | 4.4          | 4.4          | 4.4          |
| 120,0°   | 6.3                          | 6.3         | 6.3         | 6.3         | 4.4        | 1.9 | 5.0          | 4.4          | 4.4          | 4.4          | 4.4          | 4.4          | 4.4          |
| 122,5°   | 6.3                          | 6.3         | 6.3         | 6.3         | 3.8        | 1.9 | 4.7          | 4.4          | 4.4          | 4.4          | 4.1          | 4.4          | 3.8          |
| 125,0°   | 5.0                          | 5.0         | 5.0         | 5.0         | 3.2        | 1.9 | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 3.2          |
| 127,5°   | 3.2                          | 3.2         | 3.2         | 3.2         | 1.9        | 1.3 | 2.8          | 2.5          | 2.5          | 2.5          | 2.5          | 2.5          | 2.5          |
| 130,0°   | 1.9                          | 1.9         | 2.2         | 1.9         | 1.3        | 0.6 | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 2.2          |
| 132,5°   | 1.9                          | 1.9         | 1.9         | 1.6         | 1.3        | 0.6 | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          |
| 135,0°   | 1.3                          | 1.3         | 1.3         | 1.3         | 0.6        | 0.6 | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          |
| 137,5°   | 1.3                          | 1.3         | 1.3         | 1.3         | 0.6        | 0.6 | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.6          |
| 140,0°   | 0.6                          | 0.6         | 0.6         | 0.6         | 0.6        | 0.6 | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          |
| 142,5°   | 0.6                          | 0.6         | 0.6         | 0.6         | 0.6        | 0.6 | 0.6          | 0.6          | 0.6          | 0.9          | 0.9          | 1.3          | 0.9          |
| 145,0°   | 0.6                          | 0.6         | 0.6         | 0.6         | 0.6        | 0.6 | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          |
| 147,5°   | 0.6                          | 0.6         | 0.6         | 0.6         | 0.6        | 0.6 | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          |
| 150,0°   | 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          |
| 152,5°   | 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          |
| 155,0°   | 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          |
| 157,5°   | 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          |
| 160,0°   | 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          |
| 162,5°   | 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          |
| 165,0°   | 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          |
| 167,5°   | 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          |
| 170,0°   | 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          |
| 172,5°   | 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          |
| 175,0°   | 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          |
| 177,5°   | 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          |
| 180,0°   | 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

|   |   |   |
|---|---|---|
| <b>Family</b><br><b>LANTERN CLASSIC LED</b>     | <b>Order number: 5XA5245KF14H + 5XA54000XS</b><br><b>EAN: 4058352834558 + 4050737730073</b> | <b>LP number</b><br><b>59105_26</b>   |
| <b>Table of values for luminous intensities</b> |   | <b>Maximum luminous intensity</b>   |
|   |   |  |

| C-planes | 220°<br>320°                 | 225°<br>315° | 230°<br>310° | 235°<br>305° | 240°<br>300° | 245°<br>295° | 250°<br>290° | 255°<br>285° | 260°<br>280° | 265°<br>275° | 270° | Phi-zone                | Total<br>Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| $\gamma$ | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |      | Luminous flux in lm/klm |                   |
| 115,0°   | 4.4                          | 4.4          | 3.8          | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 2.5          | 1.9  | 1.3                     | 993.3             |
| 117,5°   | 4.4                          | 4.1          | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 3.2          | 2.5          | 1.9  | 1.2                     | 994.6             |
| 120,0°   | 4.4                          | 3.8          | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 2.8          | 2.2          | 1.9  | 1.1                     | 995.7             |
| 122,5°   | 3.8                          | 3.8          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 3.2          | 2.5          | 1.9          | 1.9  | 1.1                     | 996.8             |
| 125,0°   | 3.2                          | 3.2          | 3.2          | 3.2          | 2.8          | 2.5          | 2.5          | 2.5          | 2.5          | 1.9          | 1.9  | 0.8                     | 997.6             |
| 127,5°   | 2.5                          | 2.5          | 2.5          | 2.5          | 2.5          | 2.5          | 2.5          | 1.9          | 1.9          | 1.6          | 1.3  | 0.6                     | 998.2             |
| 130,0°   | 2.2                          | 1.9          | 2.5          | 2.2          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.3          | 1.3  | 0.4                     | 998.6             |
| 132,5°   | 1.9                          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.6          | 1.3          | 1.3  | 0.4                     | 998.9             |
| 135,0°   | 1.9                          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.9          | 1.3          | 1.3          | 1.3  | 0.3                     | 999.2             |
| 137,5°   | 1.3                          | 1.3          | 1.3          | 1.3          | 1.6          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3  | 0.2                     | 999.5             |
| 140,0°   | 1.3                          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 0.6          | 1.3  | 0.2                     | 999.7             |
| 142,5°   | 1.3                          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          | 0.9          | 0.6          | 0.6  | 0.1                     | 999.8             |
| 145,0°   | 0.6                          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6          | 0.6  | 0.1                     | 999.9             |
| 147,5°   | 0.6                          | 0.6          | 0.6          | 0.6          | 0.9          | 0.9          | 0.6          | 0.9          | 0.6          | 0.6          | 0.6  | 0.1                     | 1000.0            |
| 150,0°   | 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            |
| 152,5°   | 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            |
| 155,0°   | 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            |
| 157,5°   | 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            |
| 160,0°   | 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            |
| 162,5°   | 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            |
| 165,0°   | 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            |
| 167,5°   | 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            |
| 170,0°   | 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            |
| 172,5°   | 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            |
| 175,0°   | 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            |
| 177,5°   | 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            |
| 180,0°   | 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

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Family</b><br><b>LANTERN CLASSIC LED</b> | <b>Order number: 5XA5245KF14H + 5XA54000XS</b><br><b>EAN: 4058352834558 + 4050737730073</b> | <b>LP number</b><br><b>59105_26</b> |
|---|---|-------------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <b>Dimming levels table</b> | environmental temperature: 25°C | <b>siteco</b> |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 1310               | 10.0                  | 10.4                  | 10.2                  |
| 95              | 241                  | 252                       | 1243               | 9.5                   | 9.9                   | 9.7                   |
| 90              | 229                  | 250                       | 1181               | 9.0                   | 9.3                   | 9.2                   |
| 85              | 216                  | 248                       | 1114               | 8.5                   | 8.8                   | 8.6                   |
| 80              | 203                  | 246                       | 1047               | 8.0                   | 8.3                   | 8.2                   |
| 75              | 190                  | 243                       | 980                | 7.6                   | 7.7                   | 7.6                   |
| 70              | 178                  | 241                       | 918                | 7.1                   | 7.3                   | 7.2                   |
| 65              | 165                  | 238                       | 851                | 6.6                   | 6.8                   | 6.7                   |
| 60              | 152                  | 235                       | 784                | 6.1                   | 6.4                   | 6.2                   |
| 55              | 140                  | 232                       | 722                | 5.7                   | 5.9                   | 5.8                   |
| 50              | 127                  | 229                       | 655                | 5.3                   | 5.5                   | 5.4                   |
| 45              | 114                  | 225                       | 588                | 4.8                   | 5.0                   | 4.9                   |
| 40              | 102                  | 221                       | 526                | 4.4                   | 4.6                   | 4.5                   |
| 35              | 89                   | 216                       | 459                | 4.0                   | 4.1                   | 4.0                   |
| 30              | 76                   | 210                       | 392                | 3.6                   | 3.7                   | 3.6                   |
| 30              | 75                   | 209                       | 387                | 3.5                   | 3.7                   | 3.6                   |