

## Photometric test report

**Family**  
**MUSHROOM LUMINAIRE LED**

**Order number: 5XA5235AF14H**  
**EAN: 4058352831878**

**LP number**  
**57119\_29**



**Version** post-top- or mounting to wall arm  
**Optic** direct, symmetric wide distribution  
 S120002  
**Cover** cover transparent, PMMA  
**Lamps** LED 2200 K | CRI ≥ 70  
**Controlgear** ECG SITECO iQ  
**Rated values** Net luminous flux = 1550 lm  
 Power consumption = 12.9 W  
 Luminous efficacy = 120.2 lm/W

**serial**  
**documentation**  
**07.07.2022**

**siteco**

**Luminous intensity in cd/klm**

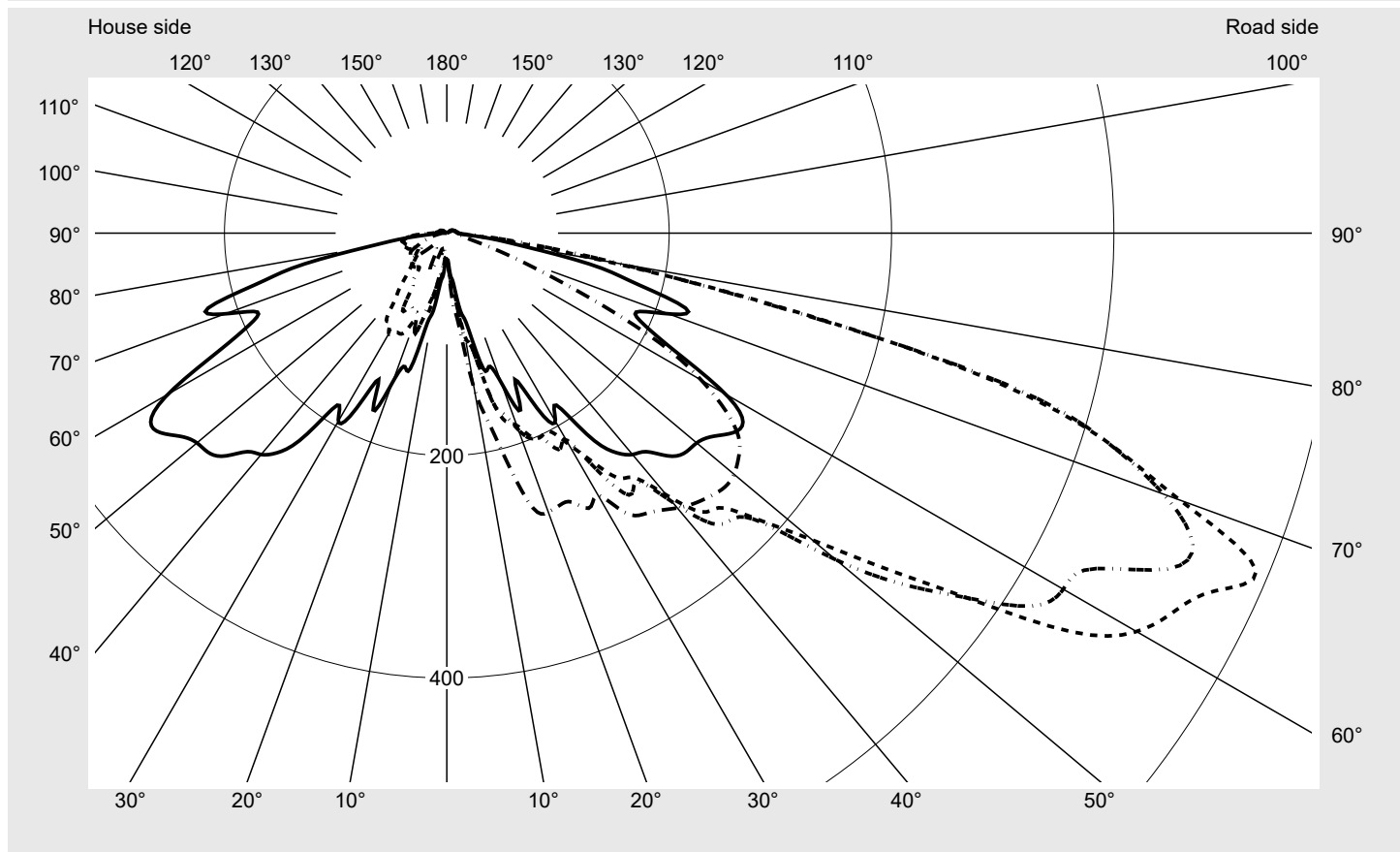
**C180-0**

**C205-25**

**C210-30**

**C270-90**

**Imax: 787 cd/klm**



### Luminaire output ratios

|                |        |
|----------------|--------|
| Eta            | 100.0% |
| Eta 0° - 90°   | 97.5%  |
| Eta 90° - 180° | 2.5%   |

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

|           |       |
|-----------|-------|
| Class:    | G1    |
| Imax 70°  | 701.7 |
| Imax 80°  | 157.7 |
| Imax 90°  | 12.5  |
| Imax >90° | 10.9  |
| Imax >95° | 8.6   |

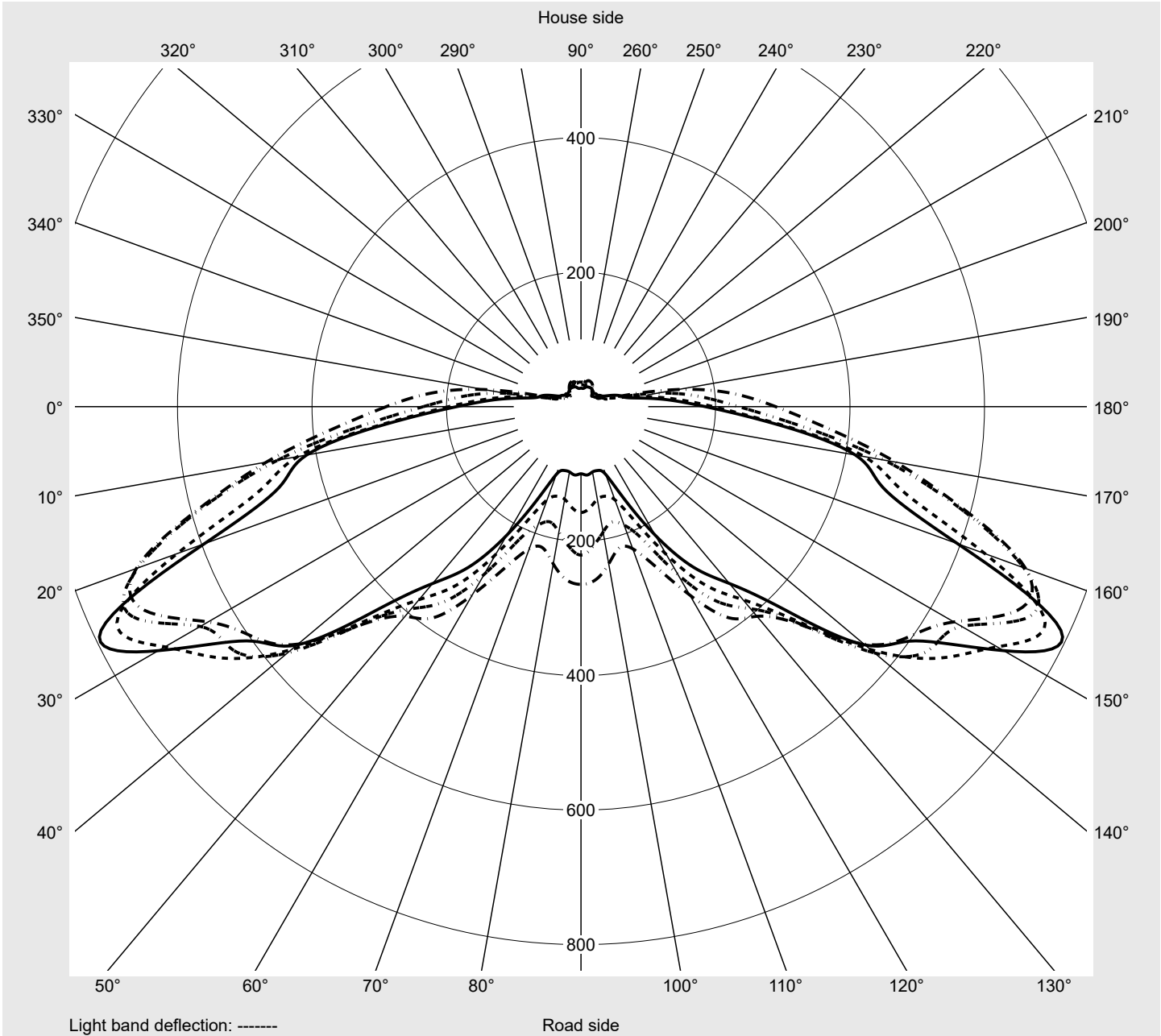
### Measurement conditions

DIN EN 13032 and DIN 5032

**Photometric test report**

|  |  |                                     |
|--|--|-------------------------------------|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b> | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br><b>57119_29</b> |
|--|--|-------------------------------------|

**Envelope curve in cd/klm**      **KMK 67.5°**    **KMK 65°**    **KMK 62.5°**    **KMK 60°**      **siteco**



## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br><b>57119_29</b> |
| <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°     | 26.5                         | 26.5       | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        |
| 2,5°     | 24.6                         | 25.6       | 26.9        | 28.5        | 30.1        | 30.7        | 31.0        | 31.4        | 31.7        | 31.4        | 31.7        | 31.7        | 31.7        |
| 5,0°     | 38.4                         | 42.6       | 46.1        | 47.7        | 45.8        | 46.7        | 45.1        | 42.2        | 40.6        | 41.3        | 44.2        | 48.6        | 52.2        |
| 7,5°     | 46.1                         | 49.9       | 54.7        | 54.1        | 54.1        | 56.6        | 60.8        | 65.6        | 71.7        | 74.6        | 81.0        | 79.0        | 81.3        |
| 10,0°    | 71.7                         | 77.8       | 78.1        | 77.1        | 86.7        | 95.0        | 100.2       | 101.4       | 99.2        | 100.8       | 106.6       | 109.8       | 120.0       |
| 12,5°    | 85.4                         | 86.1       | 86.7        | 98.2        | 103.0       | 105.3       | 106.6       | 113.3       | 119.4       | 127.0       | 137.3       | 148.1       | 156.8       |
| 15,0°    | 125.4                        | 118.4      | 115.2       | 123.8       | 133.1       | 152.9       | 154.5       | 176.0       | 184.6       | 195.8       | 182.7       | 183.0       | 184.9       |
| 17,5°    | 125.8                        | 139.8      | 149.4       | 152.3       | 166.7       | 177.9       | 170.9       | 173.4       | 185.6       | 183.3       | 195.8       | 196.8       | 210.5       |
| 20,0°    | 142.7                        | 159.7      | 165.1       | 178.9       | 190.4       | 184.0       | 188.1       | 192.0       | 183.3       | 185.9       | 202.5       | 206.1       | 218.2       |
| 22,5°    | 172.8                        | 179.8      | 183.7       | 190.1       | 196.8       | 198.1       | 200.0       | 215.3       | 199.3       | 193.9       | 205.1       | 222.7       | 236.5       |
| 25,0°    | 145.3                        | 165.4      | 180.5       | 186.9       | 196.5       | 201.6       | 203.5       | 211.8       | 200.6       | 200.0       | 206.4       | 222.4       | 236.8       |
| 27,5°    | 180.8                        | 189.1      | 186.5       | 203.8       | 206.1       | 200.9       | 219.2       | 243.8       | 240.9       | 232.9       | 226.2       | 230.7       | 253.1       |
| 30,0°    | 195.2                        | 206.7      | 220.1       | 227.8       | 222.7       | 219.2       | 214.4       | 224.0       | 242.5       | 260.1       | 259.2       | 255.7       | 264.6       |
| 32,5°    | 183.3                        | 188.8      | 213.1       | 220.8       | 228.5       | 243.5       | 254.4       | 262.1       | 270.7       | 294.7       | 303.7       | 297.6       | 295.3       |
| 35,0°    | 222.7                        | 231.7      | 251.8       | 256.0       | 250.5       | 268.8       | 287.3       | 291.5       | 290.2       | 302.7       | 325.7       | 329.3       | 316.5       |
| 37,5°    | 248.3                        | 258.9      | 274.2       | 280.9       | 276.5       | 277.1       | 281.3       | 308.1       | 327.7       | 328.9       | 338.9       | 358.4       | 352.0       |
| 40,0°    | 259.8                        | 258.9      | 273.9       | 279.3       | 306.9       | 307.5       | 315.5       | 325.7       | 351.3       | 369.6       | 365.1       | 371.8       | 376.0       |
| 42,5°    | 266.5                        | 270.4      | 277.1       | 290.5       | 315.8       | 340.1       | 354.5       | 365.7       | 364.5       | 389.7       | 394.2       | 384.0       | 390.7       |
| 45,0°    | 283.5                        | 286.1      | 309.4       | 327.0       | 343.0       | 349.1       | 363.5       | 400.3       | 405.1       | 402.5       | 415.0       | 400.6       | 393.9       |
| 47,5°    | 291.5                        | 298.9      | 354.9       | 371.5       | 384.3       | 382.1       | 385.6       | 420.4       | 442.5       | 430.0       | 426.2       | 418.5       | 399.7       |
| 50,0°    | 293.4                        | 310.7      | 415.3       | 416.9       | 443.5       | 429.1       | 456.9       | 466.8       | 457.6       | 436.8       | 437.1       | 417.2       | 391.3       |
| 52,5°    | 300.5                        | 324.5      | 411.2       | 444.8       | 491.2       | 493.7       | 519.3       | 525.7       | 472.0       | 444.1       | 443.5       | 425.6       | 387.8       |
| 55,0°    | 313.3                        | 347.8      | 415.6       | 479.0       | 558.7       | 572.1       | 571.8       | 554.8       | 502.0       | 448.3       | 437.1       | 422.0       | 373.7       |
| 57,5°    | 315.8                        | 374.4      | 448.9       | 541.4       | 647.0       | 667.5       | 624.0       | 576.0       | 526.4       | 458.2       | 427.2       | 411.8       | 355.8       |
| 60,0°    | 289.6                        | 368.0      | 475.2       | 589.1       | 703.6       | 716.4       | 640.3       | 596.1       | 549.4       | 456.9       | 407.0       | 383.3       | 323.5       |
| 62,5°    | 234.5                        | 327.7      | 457.9       | 583.3       | 700.7       | 737.2       | 653.7       | 631.3       | 569.9       | 454.0       | 392.3       | 353.9       | 288.0       |
| 65,0°    | 196.8                        | 294.1      | 427.8       | 499.8       | 639.3       | 761.5       | 714.5       | 651.8       | 561.9       | 448.0       | 374.7       | 324.8       | 254.1       |
| 67,5°    | 184.9                        | 288.0      | 414.4       | 464.9       | 596.1       | 787.5       | 725.7       | 607.3       | 551.3       | 425.6       | 343.3       | 291.5       | 220.8       |
| 70,0°    | 212.1                        | 310.7      | 428.1       | 478.0       | 559.0       | 701.7       | 686.0       | 571.8       | 495.3       | 389.7       | 309.1       | 260.1       | 186.5       |
| 72,5°    | 225.9                        | 333.4      | 405.7       | 458.5       | 540.4       | 621.7       | 621.4       | 506.8       | 396.1       | 325.4       | 257.6       | 214.1       | 148.5       |
| 75,0°    | 177.6                        | 289.6      | 353.3       | 400.3       | 487.6       | 502.7       | 513.2       | 375.7       | 269.7       | 222.1       | 206.4       | 183.3       | 128.0       |
| 77,5°    | 137.6                        | 205.1      | 232.0       | 274.5       | 312.9       | 308.5       | 300.5       | 217.9       | 173.4       | 154.9       | 165.7       | 166.4       | 116.8       |
| 80,0°    | 76.2                         | 87.7       | 108.2       | 148.5       | 150.1       | 145.3       | 157.7       | 139.2       | 118.4       | 93.1        | 79.4        | 81.0        | 51.5        |
| 82,5°    | 44.5                         | 49.6       | 56.0        | 81.9        | 69.4        | 55.7        | 75.5        | 90.6        | 75.8        | 50.6        | 33.6        | 26.9        | 18.9        |
| 85,0°    | 18.9                         | 20.8       | 22.4        | 26.9        | 24.0        | 22.7        | 33.9        | 35.5        | 25.0        | 21.1        | 14.7        | 13.8        | 13.4        |
| 87,5°    | 11.2                         | 11.2       | 11.5        | 11.5        | 11.5        | 11.8        | 11.8        | 12.2        | 11.5        | 11.5        | 11.8        | 11.8        | 11.8        |
| 90,0°    | 10.2                         | 10.2       | 10.2        | 10.2        | 10.2        | 10.9        | 10.9        | 10.9        | 10.9        | 10.9        | 11.2        | 11.2        | 11.2        |
| 92,5°    | 9.3                          | 9.3        | 9.6         | 9.6         | 9.9         | 9.9         | 9.9         | 10.2        | 10.2        | 10.6        | 10.6        | 10.6        | 10.6        |
| 95,0°    | 9.3                          | 9.0        | 9.0         | 9.3         | 9.3         | 9.3         | 9.6         | 9.6         | 9.6         | 9.3         | 9.3         | 9.0         | 9.0         |
| 97,5°    | 8.0                          | 8.3        | 8.6         | 8.6         | 8.6         | 8.6         | 8.6         | 8.6         | 8.6         | 8.6         | 8.6         | 8.6         | 8.3         |
| 100,0°   | 7.7                          | 8.0        | 8.0         | 8.0         | 8.0         | 8.0         | 8.3         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         |
| 102,5°   | 7.4                          | 7.7        | 7.7         | 8.0         | 8.0         | 8.0         | 8.0         | 8.0         | 7.7         | 7.7         | 8.0         | 7.7         | 7.7         |
| 105,0°   | 7.0                          | 7.4        | 7.4         | 7.4         | 7.4         | 7.7         | 7.4         | 7.7         | 7.7         | 7.7         | 7.7         | 7.7         | 7.7         |
| 107,5°   | 6.4                          | 7.0        | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         | 7.0         |
| 110,0°   | 6.4                          | 6.4        | 6.4         | 6.7         | 6.7         | 6.7         | 6.7         | 6.7         | 6.7         | 6.7         | 7.0         | 7.0         | 7.0         |
| 112,5°   | 5.8                          | 5.8        | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         | 6.4         |

## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br><b>57119_29</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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 26.5                         | 26.5        | 26.5        | 26.5        | 26.5       | 26.5  | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         |
| 2,5°     | 31.7                         | 31.7        | 31.4        | 31.0        | 30.4       | 30.1  | 24.0         | 23.4         | 23.4         | 23.7         | 23.7         | 23.7         | 23.4         |
| 5,0°     | 55.7                         | 59.8        | 62.4        | 64.3        | 63.7       | 63.4  | 36.5         | 35.5         | 30.7         | 28.8         | 26.9         | 24.0         | 24.6         |
| 7,5°     | 79.7                         | 82.2        | 84.5        | 87.7        | 85.4       | 84.5  | 44.8         | 46.1         | 47.7         | 46.7         | 42.2         | 34.9         | 29.8         |
| 10,0°    | 123.5                        | 133.8       | 138.6       | 142.7       | 143.7      | 142.1 | 62.4         | 48.6         | 41.0         | 38.4         | 39.7         | 43.2         | 46.1         |
| 12,5°    | 169.9                        | 167.7       | 168.9       | 169.9       | 168.9      | 174.7 | 93.1         | 92.5         | 102.1        | 92.8         | 69.8         | 58.6         | 42.2         |
| 15,0°    | 193.6                        | 200.0       | 204.8       | 215.0       | 217.9      | 217.6 | 106.9        | 95.4         | 86.7         | 75.2         | 76.8         | 72.6         | 65.0         |
| 17,5°    | 216.6                        | 227.8       | 244.8       | 251.5       | 258.2      | 259.8 | 121.3        | 113.3        | 108.8        | 96.6         | 93.1         | 94.7         | 82.6         |
| 20,0°    | 221.4                        | 228.8       | 244.5       | 258.9       | 263.7      | 266.9 | 135.0        | 124.8        | 101.4        | 106.2        | 84.2         | 78.7         | 65.6         |
| 22,5°    | 242.9                        | 240.6       | 249.9       | 259.2       | 261.1      | 264.9 | 144.3        | 136.0        | 128.0        | 103.4        | 94.4         | 77.1         | 60.2         |
| 25,0°    | 241.9                        | 248.6       | 257.9       | 266.9       | 268.5      | 266.9 | 138.6        | 127.0        | 125.8        | 116.2        | 99.8         | 73.9         | 58.2         |
| 27,5°    | 264.0                        | 262.1       | 262.7       | 269.7       | 274.2      | 278.4 | 160.0        | 136.0        | 116.2        | 111.0        | 100.5        | 76.2         | 56.0         |
| 30,0°    | 281.6                        | 287.3       | 282.9       | 279.0       | 276.8      | 272.0 | 182.4        | 157.7        | 131.8        | 114.2        | 104.3        | 79.0         | 46.4         |
| 32,5°    | 307.5                        | 301.7       | 288.0       | 288.0       | 292.5      | 297.6 | 168.6        | 151.7        | 127.0        | 112.6        | 95.4         | 58.2         | 35.5         |
| 35,0°    | 315.5                        | 324.5       | 309.4       | 303.7       | 302.4      | 308.5 | 206.4        | 162.5        | 136.0        | 119.0        | 94.7         | 54.4         | 33.6         |
| 37,5°    | 338.9                        | 335.3       | 316.8       | 309.1       | 312.0      | 314.2 | 218.9        | 181.7        | 141.1        | 121.9        | 78.1         | 42.2         | 36.2         |
| 40,0°    | 349.7                        | 342.1       | 319.0       | 317.7       | 322.5      | 322.5 | 229.1        | 183.3        | 146.2        | 120.0        | 67.8         | 39.7         | 35.8         |
| 42,5°    | 365.4                        | 344.3       | 324.5       | 325.4       | 331.2      | 329.6 | 248.3        | 188.8        | 152.0        | 114.2        | 57.0         | 41.3         | 37.8         |
| 45,0°    | 377.6                        | 346.9       | 329.6       | 331.8       | 336.9      | 334.7 | 279.3        | 208.9        | 152.6        | 102.7        | 48.3         | 42.6         | 38.1         |
| 47,5°    | 379.2                        | 342.7       | 331.8       | 334.7       | 339.5      | 338.5 | 284.8        | 215.3        | 157.7        | 85.4         | 43.2         | 41.6         | 37.1         |
| 50,0°    | 368.3                        | 332.1       | 327.0       | 332.8       | 337.3      | 337.3 | 282.9        | 206.4        | 158.1        | 66.2         | 40.6         | 37.8         | 33.6         |
| 52,5°    | 349.4                        | 313.6       | 315.2       | 323.5       | 331.5      | 330.9 | 288.3        | 203.5        | 152.3        | 50.9         | 37.1         | 34.2         | 30.7         |
| 55,0°    | 323.5                        | 285.7       | 290.9       | 304.6       | 317.7      | 320.6 | 292.5        | 201.9        | 137.6        | 41.9         | 34.2         | 30.7         | 28.2         |
| 57,5°    | 288.9                        | 256.9       | 259.2       | 273.9       | 290.9      | 297.6 | 279.3        | 179.5        | 96.0         | 42.9         | 32.0         | 28.8         | 25.9         |
| 60,0°    | 262.4                        | 224.9       | 217.9       | 237.4       | 257.9      | 264.3 | 225.9        | 146.9        | 61.1         | 41.3         | 29.8         | 26.9         | 25.0         |
| 62,5°    | 218.5                        | 187.5       | 177.6       | 189.4       | 208.3      | 220.8 | 176.0        | 114.6        | 48.3         | 36.5         | 29.4         | 26.9         | 25.3         |
| 65,0°    | 185.6                        | 147.5       | 137.9       | 139.8       | 151.0      | 157.4 | 136.0        | 85.8         | 49.6         | 40.0         | 32.6         | 29.8         | 26.9         |
| 67,5°    | 150.4                        | 107.2       | 98.2        | 98.6        | 102.1      | 99.8  | 124.2        | 75.2         | 61.4         | 49.3         | 37.1         | 33.3         | 29.8         |
| 70,0°    | 123.2                        | 80.6        | 60.2        | 60.8        | 62.7       | 62.7  | 140.2        | 81.9         | 66.2         | 47.4         | 38.4         | 34.6         | 33.3         |
| 72,5°    | 95.0                         | 64.0        | 37.4        | 35.2        | 34.2       | 36.5  | 133.4        | 82.2         | 62.4         | 43.2         | 41.0         | 36.2         | 34.9         |
| 75,0°    | 70.4                         | 40.3        | 26.9        | 23.4        | 22.1       | 21.8  | 83.5         | 63.7         | 53.8         | 41.0         | 42.9         | 38.4         | 37.4         |
| 77,5°    | 54.1                         | 24.3        | 20.2        | 18.2        | 17.3       | 17.3  | 71.4         | 52.2         | 46.4         | 42.2         | 40.0         | 39.4         | 39.7         |
| 80,0°    | 26.6                         | 17.0        | 15.4        | 14.7        | 14.7       | 14.7  | 50.9         | 45.1         | 43.8         | 41.6         | 40.0         | 41.0         | 41.9         |
| 82,5°    | 14.7                         | 13.1        | 12.8        | 12.2        | 12.2       | 12.2  | 34.6         | 34.6         | 36.2         | 35.8         | 37.8         | 37.4         | 40.0         |
| 85,0°    | 12.8                         | 12.2        | 11.5        | 10.9        | 10.9       | 10.9  | 17.9         | 20.8         | 27.8         | 33.9         | 35.5         | 32.6         | 36.5         |
| 87,5°    | 11.5                         | 11.5        | 10.9        | 10.2        | 9.9        | 9.6   | 11.5         | 12.2         | 14.4         | 19.5         | 22.4         | 20.2         | 25.0         |
| 90,0°    | 11.2                         | 10.9        | 10.9        | 10.2        | 9.6        | 9.6   | 9.9          | 9.9          | 10.6         | 12.5         | 12.5         | 12.2         | 11.8         |
| 92,5°    | 10.9                         | 10.9        | 10.2        | 9.6         | 9.3        | 9.0   | 8.6          | 8.3          | 8.0          | 7.7          | 7.4          | 7.0          | 6.4          |
| 95,0°    | 9.0                          | 9.0         | 8.6         | 8.6         | 8.6        | 8.3   | 8.3          | 8.0          | 7.7          | 7.4          | 7.0          | 6.4          | 6.4          |
| 97,5°    | 8.3                          | 8.3         | 8.3         | 8.3         | 8.3        | 8.3   | 8.0          | 7.7          | 7.4          | 7.0          | 6.4          | 6.4          | 5.8          |
| 100,0°   | 8.0                          | 8.0         | 8.0         | 8.0         | 7.7        | 7.7   | 7.4          | 7.4          | 7.0          | 6.7          | 6.4          | 6.1          | 5.8          |
| 102,5°   | 7.7                          | 7.7         | 7.7         | 7.7         | 7.7        | 7.7   | 7.4          | 7.0          | 6.7          | 6.4          | 6.4          | 5.8          | 5.8          |
| 105,0°   | 7.7                          | 7.7         | 7.7         | 7.4         | 7.7        | 7.7   | 7.0          | 6.4          | 6.4          | 6.1          | 5.8          | 5.4          | 5.1          |
| 107,5°   | 7.0                          | 7.0         | 7.0         | 7.0         | 7.0        | 7.0   | 6.4          | 6.4          | 5.8          | 5.8          | 5.8          | 5.1          | 5.1          |
| 110,0°   | 7.0                          | 7.0         | 7.0         | 7.0         | 7.0        | 6.4   | 6.1          | 5.8          | 5.8          | 5.1          | 5.1          | 5.1          | 4.5          |
| 112,5°   | 6.4                          | 6.4         | 6.4         | 6.4         | 6.4        | 5.1   | 5.8          | 5.8          | 5.4          | 5.1          | 5.1          | 4.5          | 4.5          |

## Photometric test report

|   |  |                                     |
|---|--|-------------------------------------|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br><b>57119_29</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°     | 26.5                         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5         | 26.5 | 0.0                     | 0.0               |
| 2,5°     | 23.4                         | 23.7         | 24.3         | 25.6         | 26.2         | 26.6         | 26.6         | 25.6         | 24.6         | 24.0         | 23.7 | 0.3                     | 0.4               |
| 5,0°     | 24.0                         | 24.6         | 24.0         | 23.4         | 21.4         | 20.2         | 18.6         | 17.9         | 17.6         | 17.3         | 16.6 | 0.9                     | 1.3               |
| 7,5°     | 28.8                         | 30.4         | 33.3         | 32.3         | 30.1         | 25.9         | 22.4         | 19.8         | 17.9         | 16.3         | 16.0 | 1.8                     | 3.1               |
| 10,0°    | 41.9                         | 40.0         | 41.3         | 38.4         | 31.7         | 22.4         | 17.9         | 16.6         | 17.0         | 15.0         | 13.4 | 3.4                     | 6.5               |
| 12,5°    | 35.5                         | 41.6         | 49.6         | 44.2         | 35.8         | 24.3         | 18.9         | 16.6         | 16.3         | 16.6         | 17.9 | 5.4                     | 11.9              |
| 15,0°    | 56.0                         | 45.8         | 47.0         | 38.7         | 39.4         | 35.5         | 27.2         | 18.6         | 16.6         | 15.7         | 16.0 | 8.1                     | 20.0              |
| 17,5°    | 74.6                         | 56.3         | 45.4         | 42.2         | 33.6         | 29.8         | 30.4         | 28.8         | 23.0         | 18.9         | 16.0 | 10.7                    | 30.6              |
| 20,0°    | 54.7                         | 44.8         | 41.0         | 39.0         | 35.8         | 31.4         | 30.7         | 26.9         | 23.0         | 25.3         | 25.6 | 12.5                    | 43.2              |
| 22,5°    | 44.8                         | 33.6         | 31.4         | 30.7         | 29.4         | 28.5         | 28.8         | 29.4         | 29.4         | 31.7         | 34.6 | 14.7                    | 57.9              |
| 25,0°    | 40.0                         | 28.2         | 25.3         | 25.0         | 25.3         | 25.6         | 29.4         | 34.6         | 35.8         | 37.1         | 35.8 | 16.2                    | 74.1              |
| 27,5°    | 36.2                         | 26.9         | 22.7         | 22.1         | 21.1         | 21.8         | 23.4         | 26.6         | 28.5         | 27.8         | 25.6 | 18.7                    | 92.8              |
| 30,0°    | 32.3                         | 27.2         | 23.7         | 21.8         | 20.5         | 20.5         | 20.8         | 20.2         | 21.1         | 20.2         | 19.8 | 21.4                    | 114.2             |
| 32,5°    | 31.0                         | 28.2         | 23.0         | 21.8         | 20.2         | 19.8         | 19.2         | 18.6         | 18.2         | 17.3         | 18.6 | 24.0                    | 138.1             |
| 35,0°    | 29.4                         | 26.2         | 23.7         | 21.8         | 20.2         | 18.9         | 18.2         | 18.2         | 16.6         | 16.0         | 16.6 | 27.8                    | 165.9             |
| 37,5°    | 31.7                         | 26.9         | 22.4         | 21.1         | 20.2         | 18.9         | 18.2         | 17.6         | 15.7         | 15.7         | 16.0 | 31.1                    | 197.0             |
| 40,0°    | 31.7                         | 28.5         | 24.0         | 21.1         | 19.2         | 17.9         | 17.0         | 17.0         | 15.7         | 15.4         | 15.4 | 34.3                    | 231.3             |
| 42,5°    | 33.0                         | 28.2         | 23.7         | 21.8         | 19.8         | 18.6         | 17.3         | 16.6         | 15.4         | 14.7         | 14.7 | 37.6                    | 269.0             |
| 45,0°    | 33.3                         | 28.2         | 23.7         | 21.4         | 20.5         | 18.9         | 17.9         | 16.6         | 15.4         | 14.7         | 14.7 | 41.2                    | 310.2             |
| 47,5°    | 32.3                         | 27.8         | 24.0         | 23.7         | 24.0         | 22.7         | 20.8         | 18.6         | 16.0         | 14.7         | 14.7 | 44.9                    | 355.1             |
| 50,0°    | 30.1                         | 25.9         | 24.3         | 27.2         | 30.1         | 29.8         | 28.2         | 26.6         | 23.7         | 22.7         | 23.0 | 48.7                    | 403.8             |
| 52,5°    | 27.2                         | 24.6         | 25.3         | 30.4         | 33.9         | 35.2         | 35.8         | 35.5         | 32.6         | 33.0         | 33.3 | 52.0                    | 455.8             |
| 55,0°    | 25.3                         | 24.3         | 25.6         | 31.4         | 36.5         | 38.7         | 40.3         | 39.4         | 38.4         | 40.0         | 39.7 | 54.9                    | 510.8             |
| 57,5°    | 24.3                         | 23.7         | 25.6         | 31.4         | 35.8         | 39.0         | 41.0         | 41.3         | 39.0         | 39.4         | 39.0 | 57.4                    | 568.2             |
| 60,0°    | 22.7                         | 22.4         | 24.6         | 30.1         | 34.9         | 38.4         | 40.0         | 40.0         | 37.4         | 38.4         | 37.8 | 57.6                    | 625.8             |
| 62,5°    | 23.7                         | 22.4         | 25.9         | 29.4         | 33.9         | 36.8         | 38.1         | 38.4         | 35.5         | 36.5         | 36.5 | 55.9                    | 681.6             |
| 65,0°    | 25.6                         | 24.3         | 25.9         | 28.2         | 32.0         | 33.3         | 33.9         | 33.9         | 32.3         | 32.6         | 32.6 | 53.2                    | 734.8             |
| 67,5°    | 29.4                         | 27.8         | 28.5         | 29.8         | 31.0         | 31.4         | 31.0         | 30.4         | 28.2         | 27.2         | 27.5 | 50.8                    | 785.7             |
| 70,0°    | 34.9                         | 30.7         | 30.1         | 30.4         | 28.8         | 26.9         | 26.2         | 25.6         | 24.3         | 24.3         | 25.0 | 48.3                    | 833.9             |
| 72,5°    | 35.2                         | 33.6         | 32.6         | 32.0         | 26.9         | 22.4         | 21.1         | 20.8         | 20.5         | 20.2         | 19.8 | 43.9                    | 877.9             |
| 75,0°    | 36.2                         | 37.8         | 35.5         | 33.3         | 24.6         | 18.2         | 17.6         | 17.0         | 17.0         | 16.3         | 16.0 | 36.2                    | 914.1             |
| 77,5°    | 38.4                         | 39.4         | 36.8         | 31.7         | 22.7         | 15.0         | 14.4         | 13.8         | 14.1         | 13.1         | 13.4 | 25.9                    | 940.0             |
| 80,0°    | 40.6                         | 38.7         | 36.2         | 31.4         | 20.5         | 11.5         | 11.2         | 10.6         | 10.9         | 10.6         | 10.2 | 15.5                    | 955.5             |
| 82,5°    | 41.0                         | 37.1         | 35.5         | 25.9         | 19.2         | 9.6          | 9.0          | 8.3          | 8.3          | 8.3          | 7.7  | 9.5                     | 965.0             |
| 85,0°    | 36.2                         | 31.4         | 27.5         | 18.6         | 14.1         | 7.7          | 7.0          | 6.7          | 6.4          | 6.4          | 5.8  | 5.5                     | 970.5             |
| 87,5°    | 26.2                         | 22.7         | 18.9         | 12.2         | 9.3          | 6.4          | 5.8          | 5.8          | 5.1          | 5.1          | 5.1  | 3.5                     | 974.0             |
| 90,0°    | 10.2                         | 9.0          | 7.7          | 6.4          | 5.4          | 5.1          | 4.5          | 4.5          | 3.8          | 3.8          | 3.8  | 2.6                     | 976.6             |
| 92,5°    | 6.4                          | 5.8          | 5.4          | 5.1          | 5.1          | 4.5          | 4.5          | 3.8          | 3.8          | 3.8          | 3.8  | 2.2                     | 978.8             |
| 95,0°    | 5.8                          | 5.8          | 5.1          | 4.8          | 4.5          | 4.5          | 3.8          | 3.8          | 3.5          | 3.5          | 3.2  | 2.0                     | 980.8             |
| 97,5°    | 5.8                          | 5.1          | 5.1          | 4.5          | 4.5          | 3.8          | 3.8          | 3.8          | 3.5          | 3.2          | 3.2  | 1.9                     | 982.7             |
| 100,0°   | 5.4                          | 5.1          | 4.8          | 4.5          | 4.5          | 3.8          | 3.8          | 3.5          | 3.2          | 3.2          | 3.2  | 1.8                     | 984.4             |
| 102,5°   | 5.1                          | 5.1          | 4.5          | 4.5          | 4.2          | 3.8          | 3.8          | 3.2          | 3.2          | 3.2          | 3.2  | 1.7                     | 986.2             |
| 105,0°   | 5.1                          | 4.5          | 4.5          | 4.2          | 3.8          | 3.8          | 3.5          | 3.2          | 3.2          | 3.2          | 3.2  | 1.6                     | 987.8             |
| 107,5°   | 4.5                          | 4.5          | 4.2          | 3.8          | 3.8          | 3.5          | 3.2          | 3.2          | 3.2          | 3.2          | 2.6  | 1.5                     | 989.3             |
| 110,0°   | 4.5                          | 4.2          | 4.2          | 3.8          | 3.5          | 3.5          | 3.2          | 3.2          | 2.9          | 2.6          | 2.6  | 1.4                     | 990.7             |
| 112,5°   | 4.5                          | 3.8          | 3.8          | 3.8          | 3.5          | 3.2          | 3.2          | 2.9          | 2.9          | 2.6          | 1.9  | 1.3                     | 992.1             |

## Photometric test report

|   |  |   |
|---|--|---|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br><b>57119_29</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°   | 6.0                          | 5.7        | 5.7         | 5.8         | 5.8         | 5.8         | 5.9         | 5.9         | 5.9         | 6.3         | 6.3         | 6.3         | 6.3         |
| 117,5°   | 5.2                          | 5.2        | 5.3         | 5.4         | 5.5         | 5.6         | 5.6         | 5.7         | 5.7         | 5.8         | 5.9         | 5.9         | 6.0         |
| 120,0°   | 4.9                          | 5.0        | 5.1         | 5.1         | 5.2         | 5.2         | 5.3         | 5.4         | 5.4         | 5.5         | 5.6         | 5.6         | 5.7         |
| 122,5°   | 4.5                          | 4.6        | 4.7         | 4.8         | 4.9         | 4.9         | 5.0         | 5.0         | 5.1         | 5.2         | 5.2         | 5.3         | 5.4         |
| 125,0°   | 4.1                          | 4.2        | 4.3         | 4.3         | 4.4         | 4.4         | 4.5         | 4.5         | 4.6         | 4.7         | 4.7         | 4.8         | 4.9         |
| 127,5°   | 3.5                          | 3.5        | 3.6         | 3.6         | 3.7         | 3.7         | 3.7         | 3.8         | 3.9         | 3.9         | 4.0         | 4.0         | 4.1         |
| 130,0°   | 2.7                          | 2.7        | 2.7         | 2.8         | 2.8         | 2.8         | 2.8         | 2.8         | 2.9         | 2.9         | 2.9         | 3.0         | 3.0         |
| 132,5°   | 2.0                          | 2.0        | 2.0         | 2.0         | 2.0         | 2.0         | 2.0         | 2.0         | 2.0         | 2.0         | 2.1         | 2.1         | 2.1         |
| 135,0°   | 1.9                          | 1.8        | 1.8         | 1.8         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         | 1.7         |
| 137,5°   | 1.6                          | 1.6        | 1.5         | 1.5         | 1.5         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| 140,0°   | 1.3                          | 1.3        | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         |
| 142,5°   | 1.2                          | 1.3        | 1.2         | 1.1         | 1.1         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 1.0         | 0.9         | 0.9         |
| 145,0°   | 1.0                          | 1.0        | 1.0         | 1.2         | 1.2         | 1.0         | 0.9         | 0.9         | 0.8         | 0.8         | 0.8         | 0.8         | 0.7         |
| 147,5°   | 0.9                          | 0.9        | 0.8         | 0.8         | 0.8         | 0.8         | 0.8         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         |
| 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         |
| 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         |
| 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>MUSHROOM LUMINAIRE LED</b> | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br><b>57119_29</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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |     |              |              |              |              |              |              |              |
| 115,0°   | 6.4                          | 6.4         | 6.4         | 6.4         | 5.4        | 3.2 | 5.3          | 5.2          | 5.0          | 4.7          | 4.5          | 4.3          | 4.1          |
| 117,5°   | 6.0                          | 6.0         | 6.1         | 6.1         | 4.8        | 2.3 | 5.0          | 4.8          | 4.6          | 4.4          | 4.3          | 4.1          | 3.9          |
| 120,0°   | 5.8                          | 5.8         | 5.8         | 5.8         | 4.3        | 2.0 | 4.7          | 4.6          | 4.4          | 4.3          | 4.1          | 3.9          | 3.7          |
| 122,5°   | 5.4                          | 5.5         | 5.5         | 5.5         | 3.6        | 1.5 | 4.4          | 4.3          | 4.1          | 4.0          | 3.8          | 3.6          | 3.5          |
| 125,0°   | 4.9                          | 5.0         | 5.0         | 5.0         | 3.2        | 1.5 | 4.0          | 3.8          | 3.7          | 3.6          | 3.5          | 3.4          | 3.2          |
| 127,5°   | 4.1                          | 4.1         | 4.2         | 4.1         | 2.6        | 1.3 | 3.4          | 3.3          | 3.2          | 3.1          | 2.9          | 2.9          | 2.8          |
| 130,0°   | 3.0                          | 3.1         | 3.1         | 2.9         | 1.9        | 1.1 | 2.6          | 2.6          | 2.5          | 2.4          | 2.3          | 2.3          | 2.2          |
| 132,5°   | 2.1                          | 2.1         | 2.1         | 2.0         | 1.3        | 0.8 | 2.0          | 2.0          | 2.0          | 2.0          | 1.9          | 1.9          | 1.9          |
| 135,0°   | 1.7                          | 1.7         | 1.7         | 1.6         | 1.1        | 0.8 | 1.8          | 1.8          | 1.8          | 1.8          | 1.8          | 1.8          | 1.8          |
| 137,5°   | 1.5                          | 1.5         | 1.4         | 1.3         | 0.9        | 0.7 | 1.6          | 1.6          | 1.6          | 1.6          | 1.6          | 1.6          | 1.6          |
| 140,0°   | 1.2                          | 1.2         | 1.2         | 1.1         | 0.7        | 0.6 | 1.3          | 1.3          | 1.4          | 1.4          | 1.4          | 1.4          | 1.3          |
| 142,5°   | 0.9                          | 0.9         | 0.9         | 0.8         | 0.6        | 0.5 | 1.3          | 1.2          | 1.3          | 1.3          | 1.3          | 1.3          | 1.3          |
| 145,0°   | 0.7                          | 0.7         | 0.7         | 0.7         | 0.5        | 0.4 | 1.1          | 1.1          | 1.1          | 1.1          | 1.2          | 1.2          | 1.2          |
| 147,5°   | 0.7                          | 0.6         | 0.6         | 0.6         | 0.5        | 0.4 | 0.9          | 0.9          | 0.9          | 0.9          | 1.0          | 1.0          | 1.0          |
| 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          | 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          |
| 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          |

| 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°   | 3.9                          | 3.7          | 3.6          | 3.4          | 3.2          | 3.0          | 2.8          | 2.7          | 2.5          | 2.1          | 1.5  | 1.2                     | 993.3             |
| 117,5°   | 3.7                          | 3.6          | 3.4          | 3.2          | 3.0          | 2.8          | 2.7          | 2.5          | 2.4          | 1.9          | 1.5  | 1.1                     | 994.4             |
| 120,0°   | 3.6                          | 3.4          | 3.2          | 3.1          | 2.9          | 2.8          | 2.6          | 2.4          | 2.3          | 1.8          | 1.5  | 1.0                     | 995.4             |
| 122,5°   | 3.4                          | 3.2          | 3.0          | 2.9          | 2.8          | 2.6          | 2.5          | 2.3          | 2.2          | 1.7          | 1.5  | 0.9                     | 996.3             |
| 125,0°   | 3.1                          | 2.9          | 2.8          | 2.7          | 2.5          | 2.4          | 2.2          | 2.1          | 2.0          | 1.7          | 1.4  | 0.8                     | 997.2             |
| 127,5°   | 2.7                          | 2.5          | 2.4          | 2.3          | 2.2          | 2.1          | 2.0          | 1.9          | 1.7          | 1.5          | 1.3  | 0.7                     | 997.8             |
| 130,0°   | 2.1                          | 2.0          | 2.0          | 1.9          | 1.9          | 1.8          | 1.7          | 1.6          | 1.5          | 1.3          | 1.3  | 0.5                     | 998.4             |
| 132,5°   | 1.8                          | 1.8          | 1.8          | 1.7          | 1.6          | 1.6          | 1.5          | 1.5          | 1.3          | 1.2          | 1.3  | 0.4                     | 998.7             |
| 135,0°   | 1.7                          | 1.7          | 1.6          | 1.6          | 1.6          | 1.5          | 1.5          | 1.4          | 1.3          | 1.2          | 1.3  | 0.3                     | 999.0             |
| 137,5°   | 1.6                          | 1.6          | 1.5          | 1.5          | 1.4          | 1.4          | 1.3          | 1.3          | 1.2          | 1.2          | 1.2  | 0.3                     | 999.3             |
| 140,0°   | 1.3                          | 1.3          | 1.3          | 1.2          | 1.2          | 1.2          | 1.1          | 1.1          | 1.0          | 1.0          | 1.0  | 0.2                     | 999.5             |
| 142,5°   | 1.3                          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.1          | 1.0          | 1.0          | 1.0          | 1.0  | 0.2                     | 999.7             |
| 145,0°   | 1.2                          | 1.1          | 1.1          | 1.2          | 1.1          | 1.1          | 1.1          | 1.0          | 1.0          | 1.0          | 0.9  | 0.2                     | 999.9             |
| 147,5°   | 1.0                          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          | 0.9  | 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            |
| 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            |
| 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>MUSHROOM LUMINAIRE LED | <b>Order number: 5XA5235AF14H</b><br><b>EAN: 4058352831878</b> | <b>LP number</b><br>57119_29 |
|---|--|------------------------------|

|                             |                                 |               |
|-----------------------------|---------------------------------|---------------|
| <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]start of lifetime | Power consumption [W]end of lifetime | Power consumption [W]average |
|-------------------|----------------------|---------------------------|--------------------|--|--------------------------------------|------------------------------|
| 100               | 254                  | 254                       | 1550               | 12.9                                   | 13.3                                 | 13.1                         |
| 95                | 241                  | 252                       | 1471               | 12.2                                   | 12.6                                 | 12.4                         |
| 90                | 229                  | 250                       | 1397               | 11.5                                   | 11.9                                 | 11.7                         |
| 85                | 216                  | 248                       | 1318               | 10.7                                   | 11.1                                 | 10.9                         |
| 80                | 203                  | 246                       | 1239               | 10.1                                   | 10.5                                 | 10.3                         |
| 75                | 190                  | 243                       | 1159               | 9.4                                    | 9.8                                  | 9.6                          |
| 70                | 178                  | 241                       | 1086               | 8.9                                    | 9.1                                  | 9.0                          |
| 65                | 165                  | 238                       | 1007               | 8.2                                    | 8.4                                  | 8.3                          |
| 60                | 152                  | 235                       | 928                | 7.6                                    | 7.8                                  | 7.7                          |
| 55                | 140                  | 232                       | 854                | 7.0                                    | 7.2                                  | 7.1                          |
| 50                | 127                  | 229                       | 775                | 6.4                                    | 6.6                                  | 6.5                          |
| 45                | 114                  | 225                       | 696                | 5.8                                    | 6.0                                  | 5.9                          |
| 40                | 102                  | 221                       | 622                | 5.3                                    | 5.4                                  | 5.4                          |
| 35                | 89                   | 216                       | 543                | 4.8                                    | 4.9                                  | 4.8                          |
| 30                | 76                   | 210                       | 464                | 4.3                                    | 4.3                                  | 4.3                          |
| 25                | 63                   | 203                       | 384                | 3.7                                    | 3.8                                  | 3.8                          |
| 24                | 60                   | 201                       | 366                | 3.5                                    | 3.7                                  | 3.6                          |