



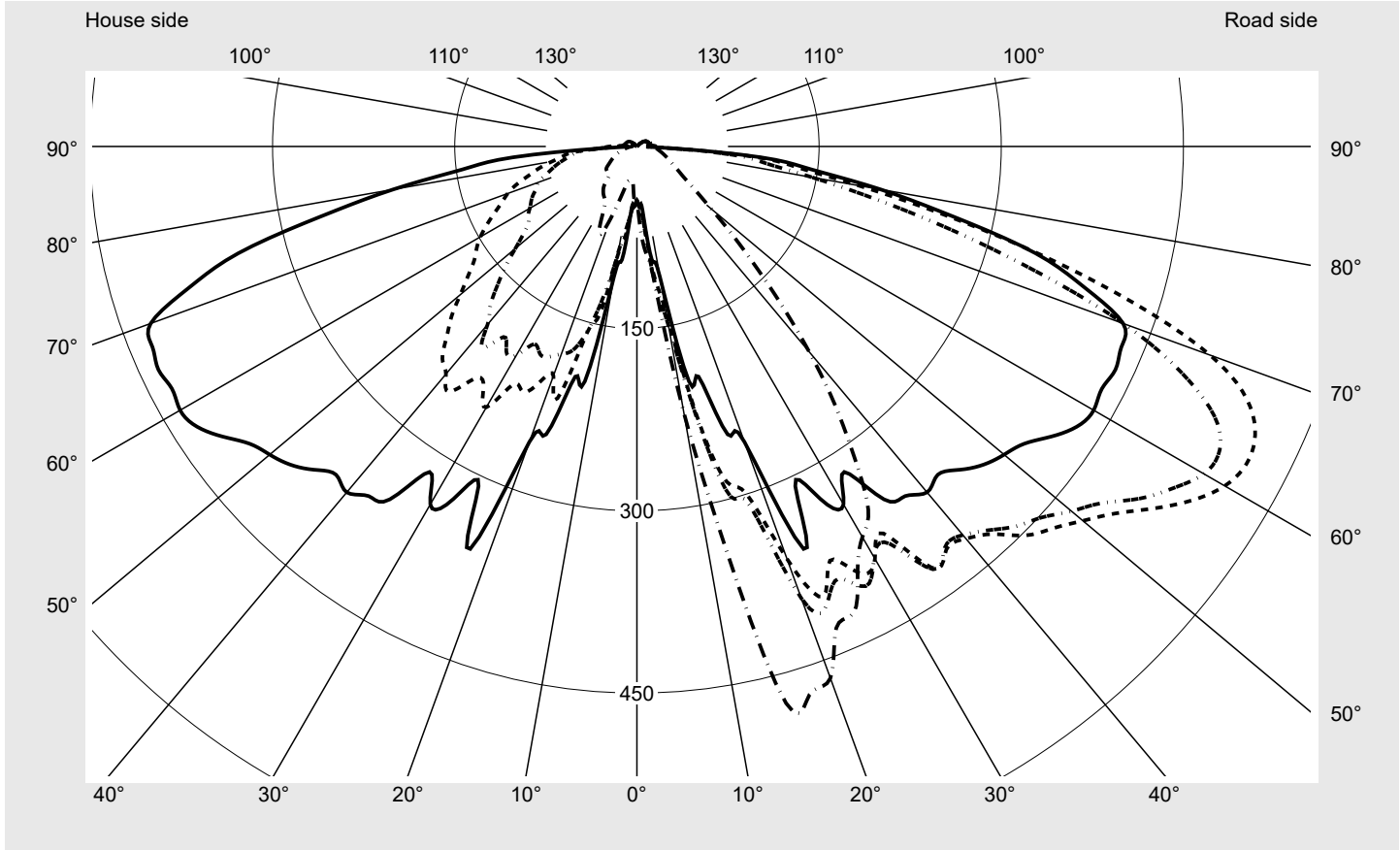
# Photometric test report

|  |   |  |
|--|---|--|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b> | <b>Order number:</b> 5XA5235FF14H + 5XA54000XS<br><b>EAN:</b> 4058352635773 + 4050737730073   | <b>LP number</b><br><b>59265_21</b>              |
|  | <b>Version</b> post-top- or mounting to wall arm, spreader element, structured<br><b>Optic</b> asymmetric, extremely wide distribution (P1.0a)<br><b>Cover</b> cover transparent, PMMA<br><b>Lamps</b> LED 3000 K   CRI ≥ 70<br><b>Controlgear</b> ECG SITECO iQ<br><b>Rated values</b> Net luminous flux = 1450 lm<br>Power consumption = 10.5 W<br>Luminous efficacy = 138.1 lm/W | <b>serial documentation</b><br><b>07.07.2022</b> |





**Luminous intensity in cd/klm** C180-0 C195-15 C200-20 C270-90 **Imax: 566 cd/klm**



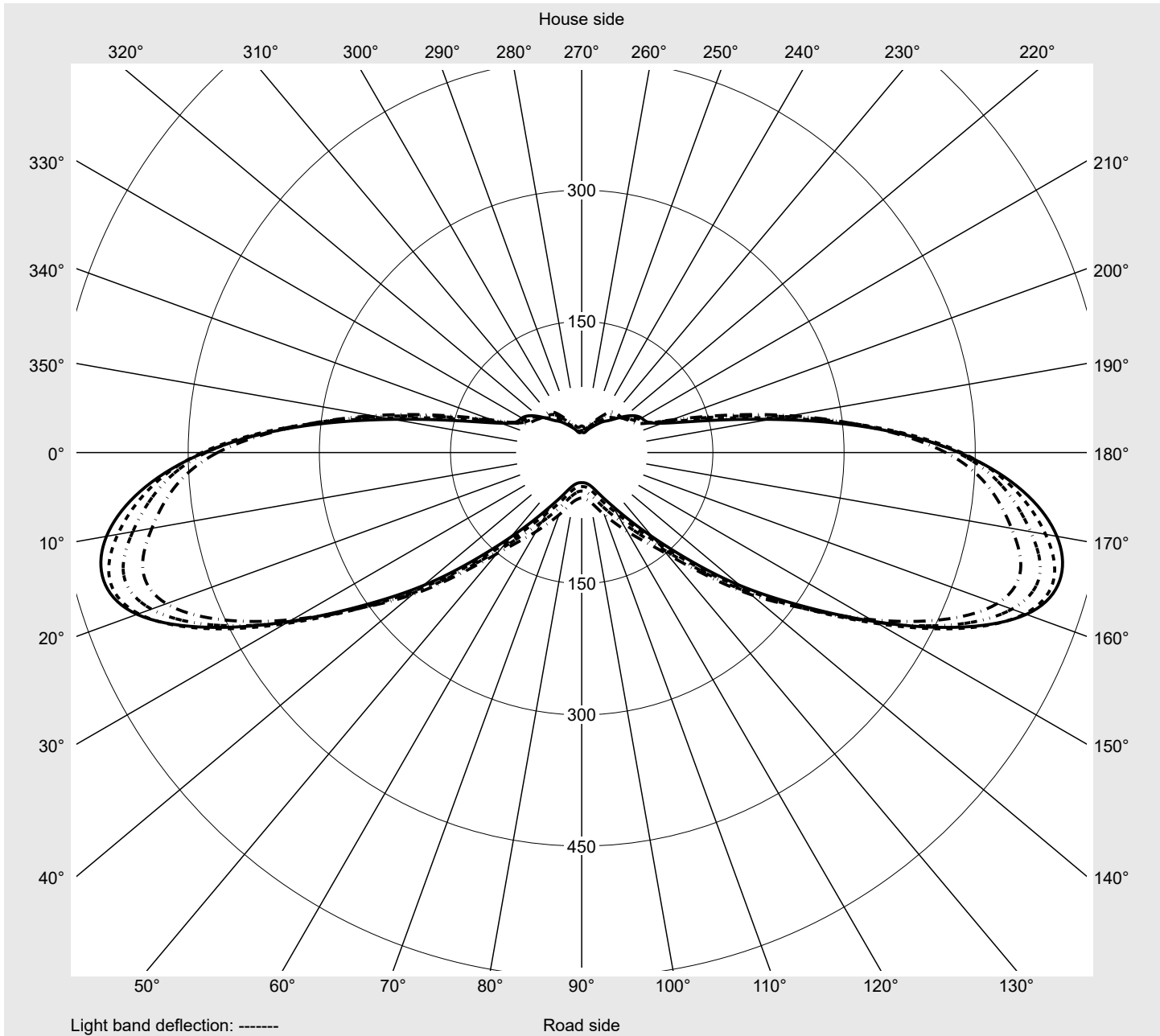
| Luminaire output ratios   |        |
|---------------------------|--------|
| Eta                       | 100.0% |
| Eta 0° - 90°              | 96.3%  |
| Eta 90° - 180°            | 3.7%   |
| Measurement conditions    |        |
| DIN EN 13032 and DIN 5032 |        |

| Luminous intensity class acc. to EN13201-2 |       |
|--|-------|
| Class:                                     | ---   |
| Imax 70°                                   | 544.6 |
| Imax 80°                                   | 222.8 |
| Imax 90°                                   | 23.4  |
| Imax >90°                                  | 14.5  |
| Imax >95°                                  | 12.4  |

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

**Envelope curve in cd/klm**      **KMK 62.5°**    **KMK 60°**    **KMK 57.5°**    **KMK 55°**      **siteco**



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| <b>Family</b><br>MUSHROOM LUMINAIRE LED         | <b>Order number: 5XA5235FF14H + 5XA54000XS</b><br><b>EAN: 4058352635773 + 4050737730073</b> | <b>LP number</b><br>59265_21      |
| <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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 0,0°     | 44.2                         | 44.2       | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        | 44.2        |
| 2,5°     | 49.7                         | 48.7       | 49.6        | 50.6        | 51.7        | 52.5        | 53.4        | 54.4        | 55.1        | 56.3        | 57.9        | 59.3        | 60.9        |
| 5,0°     | 52.8                         | 54.4       | 56.8        | 59.7        | 63.1        | 66.3        | 69.9        | 73.6        | 77.5        | 79.2        | 78.7        | 78.8        | 79.7        |
| 7,5°     | 94.0                         | 97.2       | 100.9       | 106.4       | 112.9       | 120.0       | 120.7       | 120.6       | 122.1       | 124.3       | 126.6       | 129.5       | 128.3       |
| 10,0°    | 109.0                        | 116.6      | 130.9       | 139.7       | 149.7       | 166.6       | 178.6       | 185.6       | 192.9       | 201.2       | 198.5       | 198.5       | 202.6       |
| 12,5°    | 198.1                        | 214.1      | 218.8       | 226.0       | 231.4       | 249.1       | 265.3       | 273.9       | 289.0       | 294.9       | 303.7       | 307.7       | 322.9       |
| 15,0°    | 196.2                        | 230.9      | 267.6       | 285.8       | 298.5       | 320.4       | 325.8       | 325.8       | 349.0       | 374.8       | 382.5       | 391.4       | 398.5       |
| 17,5°    | 248.5                        | 275.2      | 280.3       | 299.9       | 310.5       | 348.3       | 370.7       | 384.4       | 418.2       | 438.6       | 457.4       | 471.6       | 463.9       |
| 20,0°    | 258.8                        | 293.2      | 328.3       | 361.3       | 395.9       | 415.9       | 430.9       | 446.3       | 446.4       | 447.6       | 465.4       | 461.0       | 474.9       |
| 22,5°    | 358.6                        | 366.3      | 385.5       | 401.0       | 408.4       | 407.7       | 421.4       | 428.4       | 441.7       | 447.8       | 458.5       | 449.7       | 451.5       |
| 25,0°    | 308.5                        | 336.7      | 359.7       | 376.2       | 392.6       | 398.5       | 401.1       | 404.9       | 414.8       | 405.4       | 424.1       | 421.8       | 424.9       |
| 27,5°    | 327.2                        | 352.7      | 382.5       | 395.7       | 408.1       | 409.2       | 413.9       | 416.6       | 412.7       | 409.1       | 409.5       | 405.3       | 400.7       |
| 30,0°    | 340.2                        | 370.3      | 385.2       | 392.0       | 390.5       | 391.2       | 389.9       | 388.7       | 386.5       | 382.5       | 379.0       | 372.7       | 368.0       |
| 32,5°    | 317.8                        | 348.0      | 372.7       | 377.7       | 388.0       | 398.3       | 405.1       | 402.9       | 390.4       | 377.4       | 357.2       | 345.0       | 328.7       |
| 35,0°    | 354.7                        | 390.7      | 416.5       | 423.4       | 424.9       | 421.1       | 408.0       | 389.7       | 368.3       | 353.4       | 329.1       | 310.2       | 298.8       |
| 37,5°    | 362.8                        | 394.6      | 414.3       | 418.4       | 416.4       | 409.6       | 396.7       | 376.1       | 352.8       | 331.9       | 308.0       | 281.0       | 264.8       |
| 40,0°    | 371.7                        | 397.0      | 417.7       | 421.5       | 417.6       | 411.3       | 392.4       | 368.7       | 339.4       | 311.8       | 282.1       | 251.9       | 232.3       |
| 42,5°    | 366.6                        | 401.3      | 422.6       | 432.9       | 428.5       | 414.8       | 387.8       | 359.1       | 325.9       | 289.1       | 256.3       | 223.5       | 204.7       |
| 45,0°    | 376.4                        | 419.6      | 442.0       | 452.8       | 442.0       | 419.2       | 383.1       | 343.0       | 303.5       | 264.6       | 229.9       | 198.6       | 179.8       |
| 47,5°    | 387.6                        | 432.3      | 452.7       | 465.2       | 452.1       | 423.6       | 380.6       | 329.2       | 287.3       | 242.6       | 203.3       | 175.7       | 158.0       |
| 50,0°    | 394.7                        | 435.3      | 463.9       | 479.4       | 467.2       | 429.8       | 377.2       | 319.7       | 276.1       | 222.1       | 180.9       | 155.3       | 137.3       |
| 52,5°    | 402.0                        | 449.2      | 479.4       | 496.3       | 482.3       | 437.8       | 375.7       | 311.2       | 261.3       | 206.9       | 162.6       | 137.3       | 118.7       |
| 55,0°    | 416.4                        | 468.1      | 499.1       | 519.5       | 505.4       | 452.6       | 381.9       | 311.1       | 252.9       | 195.5       | 151.3       | 123.6       | 104.3       |
| 57,5°    | 429.4                        | 486.2      | 521.3       | 542.1       | 523.6       | 466.4       | 387.9       | 310.6       | 248.4       | 188.9       | 143.8       | 112.9       | 92.1        |
| 60,0°    | 434.3                        | 498.1      | 538.7       | 558.9       | 539.1       | 476.1       | 391.4       | 311.0       | 243.0       | 182.4       | 135.2       | 102.7       | 80.5        |
| 62,5°    | 431.7                        | 506.4      | 551.8       | 565.9       | 541.0       | 472.8       | 386.5       | 304.6       | 236.7       | 173.8       | 126.2       | 93.1        | 70.7        |
| 65,0°    | 434.8                        | 518.1      | 562.8       | 561.7       | 524.5       | 452.5       | 365.9       | 289.3       | 225.7       | 164.7       | 117.0       | 83.8        | 61.8        |
| 67,5°    | 431.7                        | 525.2      | 565.3       | 543.6       | 484.7       | 408.4       | 326.5       | 258.7       | 204.5       | 151.5       | 105.9       | 73.4        | 53.0        |
| 70,0°    | 426.1                        | 513.1      | 544.6       | 502.3       | 426.7       | 347.7       | 273.4       | 217.2       | 176.9       | 135.8       | 94.6        | 64.3        | 45.8        |
| 72,5°    | 386.8                        | 465.8      | 483.3       | 429.4       | 348.4       | 275.0       | 214.2       | 172.1       | 143.2       | 115.0       | 81.9        | 55.1        | 39.4        |
| 75,0°    | 339.9                        | 396.0      | 401.1       | 343.8       | 272.5       | 213.3       | 165.7       | 132.8       | 112.0       | 93.2        | 68.8        | 47.0        | 34.0        |
| 77,5°    | 267.0                        | 310.2      | 307.5       | 258.5       | 203.0       | 157.7       | 124.6       | 100.4       | 83.8        | 71.5        | 55.6        | 39.7        | 29.6        |
| 80,0°    | 203.9                        | 222.8      | 218.4       | 185.4       | 146.8       | 114.6       | 92.1        | 75.0        | 62.2        | 54.1        | 44.2        | 33.6        | 26.1        |
| 82,5°    | 144.9                        | 156.2      | 153.7       | 134.3       | 107.6       | 84.8        | 69.7        | 57.5        | 47.6        | 41.7        | 35.7        | 28.7        | 23.5        |
| 85,0°    | 102.3                        | 107.4      | 106.9       | 96.5        | 79.5        | 63.6        | 53.2        | 44.8        | 37.5        | 33.1        | 29.4        | 25.1        | 21.3        |
| 87,5°    | 16.9                         | 17.9       | 17.9        | 17.6        | 17.3        | 16.9        | 16.7        | 16.5        | 16.6        | 16.7        | 16.6        | 16.4        | 16.1        |
| 90,0°    | 13.8                         | 13.8       | 13.9        | 14.0        | 14.1        | 14.2        | 14.3        | 14.4        | 14.7        | 15.0        | 15.2        | 15.2        | 15.0        |
| 92,5°    | 11.7                         | 12.1       | 12.5        | 12.7        | 12.9        | 13.1        | 13.3        | 13.5        | 13.9        | 14.3        | 14.5        | 14.4        | 14.4        |
| 95,0°    | 11.0                         | 11.4       | 11.7        | 11.9        | 12.1        | 12.3        | 12.4        | 12.6        | 12.8        | 12.8        | 12.8        | 12.8        | 12.8        |
| 97,5°    | 10.6                         | 10.9       | 11.2        | 11.4        | 11.6        | 11.7        | 11.8        | 11.9        | 12.0        | 12.1        | 12.1        | 12.2        | 12.2        |
| 100,0°   | 10.2                         | 10.6       | 10.8        | 11.0        | 11.2        | 11.3        | 11.4        | 11.5        | 11.6        | 11.7        | 11.8        | 11.8        | 11.9        |
| 102,5°   | 10.0                         | 10.2       | 10.5        | 10.7        | 10.8        | 11.0        | 11.1        | 11.2        | 11.3        | 11.4        | 11.5        | 11.5        | 11.6        |
| 105,0°   | 9.6                          | 10.0       | 10.2        | 10.4        | 10.6        | 10.7        | 10.8        | 10.9        | 11.0        | 11.1        | 11.2        | 11.3        | 11.3        |
| 107,5°   | 9.4                          | 9.7        | 9.9         | 10.1        | 10.3        | 10.4        | 10.5        | 10.6        | 10.7        | 10.8        | 10.9        | 11.0        | 11.0        |
| 110,0°   | 9.2                          | 9.4        | 9.7         | 9.9         | 10.0        | 10.2        | 10.3        | 10.4        | 10.5        | 10.6        | 10.7        | 10.8        | 10.8        |
| 112,5°   | 8.8                          | 9.2        | 9.4         | 9.6         | 9.8         | 9.9         | 10.0        | 10.1        | 10.2        | 10.3        | 10.4        | 10.5        | 10.6        |

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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° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| $\gamma$ | Luminous intensity in cd/klm |             |             |             |            |       |              |              |              |              |              |              |              |
| 0,0°     | 44.2                         | 44.2        | 44.2        | 44.2        | 44.2       | 44.2  | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         |
| 2,5°     | 62.8                         | 64.6        | 66.0        | 67.3        | 68.2       | 68.5  | 47.4         | 46.9         | 46.4         | 45.8         | 45.3         | 44.7         | 44.3         |
| 5,0°     | 80.6                         | 82.4        | 84.0        | 86.9        | 87.0       | 88.6  | 52.1         | 52.0         | 52.6         | 54.9         | 58.0         | 58.1         | 55.5         |
| 7,5°     | 128.6                        | 126.4       | 121.0       | 117.8       | 116.2      | 116.1 | 88.4         | 81.1         | 75.6         | 69.0         | 62.4         | 58.1         | 58.4         |
| 10,0°    | 206.1                        | 214.0       | 216.6       | 213.6       | 219.0      | 222.8 | 100.8        | 94.2         | 88.2         | 91.2         | 88.9         | 74.7         | 68.1         |
| 12,5°    | 333.2                        | 338.3       | 345.5       | 345.4       | 341.6      | 340.9 | 184.3        | 164.0        | 141.6        | 125.7        | 112.8        | 90.4         | 85.6         |
| 15,0°    | 416.3                        | 439.8       | 458.8       | 470.7       | 476.5      | 474.5 | 179.3        | 164.3        | 159.1        | 157.3        | 145.7        | 129.9        | 118.8        |
| 17,5°    | 470.8                        | 470.7       | 474.4       | 471.9       | 467.9      | 473.0 | 236.1        | 219.0        | 217.4        | 176.0        | 175.9        | 161.2        | 136.8        |
| 20,0°    | 473.2                        | 480.0       | 488.2       | 475.6       | 467.9      | 465.8 | 250.6        | 215.4        | 201.0        | 181.8        | 159.2        | 136.8        | 115.6        |
| 22,5°    | 440.4                        | 430.1       | 427.8       | 430.9       | 431.3      | 429.0 | 288.2        | 242.0        | 210.7        | 187.3        | 154.1        | 131.6        | 114.7        |
| 25,0°    | 422.7                        | 418.2       | 416.5       | 423.0       | 423.0      | 423.1 | 286.2        | 264.6        | 222.7        | 188.6        | 154.4        | 120.8        | 99.4         |
| 27,5°    | 392.5                        | 390.5       | 387.9       | 391.8       | 393.5      | 393.6 | 288.1        | 253.9        | 220.9        | 183.4        | 156.2        | 132.2        | 105.3        |
| 30,0°    | 361.4                        | 361.8       | 361.5       | 365.7       | 369.7      | 371.3 | 317.4        | 287.4        | 247.9        | 198.6        | 153.6        | 126.6        | 101.2        |
| 32,5°    | 322.1                        | 328.4       | 336.2       | 344.1       | 350.6      | 354.6 | 295.2        | 263.3        | 235.1        | 200.1        | 165.6        | 128.0        | 96.3         |
| 35,0°    | 291.8                        | 293.9       | 298.9       | 303.7       | 308.8      | 312.0 | 320.3        | 280.4        | 233.4        | 191.5        | 151.6        | 118.4        | 93.4         |
| 37,5°    | 259.1                        | 259.9       | 262.1       | 264.5       | 266.8      | 267.6 | 333.8        | 297.7        | 254.5        | 208.7        | 160.8        | 119.9        | 91.5         |
| 40,0°    | 225.7                        | 225.1       | 223.0       | 222.2       | 221.1      | 220.7 | 336.8        | 296.3        | 244.6        | 191.3        | 144.8        | 108.4        | 87.5         |
| 42,5°    | 197.1                        | 192.3       | 187.2       | 181.7       | 177.1      | 174.9 | 337.7        | 291.6        | 237.1        | 178.9        | 131.8        | 101.4        | 83.6         |
| 45,0°    | 168.9                        | 161.1       | 152.4       | 143.6       | 137.3      | 135.1 | 339.2        | 285.9        | 221.5        | 163.0        | 118.5        | 92.2         | 80.3         |
| 47,5°    | 144.2                        | 134.5       | 122.9       | 113.4       | 106.5      | 104.1 | 342.1        | 277.6        | 207.0        | 147.2        | 105.9        | 85.6         | 77.8         |
| 50,0°    | 122.2                        | 110.5       | 98.2        | 88.4        | 82.2       | 79.7  | 339.3        | 268.7        | 189.8        | 130.6        | 94.2         | 77.9         | 72.9         |
| 52,5°    | 103.7                        | 90.7        | 79.0        | 70.3        | 65.3       | 63.6  | 331.3        | 255.2        | 175.3        | 117.4        | 83.8         | 71.1         | 67.2         |
| 55,0°    | 88.4                         | 75.8        | 65.0        | 57.4        | 53.5       | 51.9  | 332.0        | 242.8        | 163.6        | 108.8        | 78.8         | 68.4         | 64.6         |
| 57,5°    | 76.0                         | 63.4        | 53.7        | 48.1        | 44.9       | 44.1  | 334.8        | 236.7        | 156.5        | 106.2        | 80.2         | 71.8         | 66.7         |
| 60,0°    | 65.5                         | 53.8        | 45.8        | 41.3        | 39.3       | 38.9  | 335.3        | 226.9        | 148.8        | 101.8        | 82.0         | 75.8         | 70.2         |
| 62,5°    | 56.1                         | 45.7        | 39.5        | 36.2        | 34.7       | 34.4  | 329.7        | 218.7        | 139.2        | 98.2         | 82.8         | 78.9         | 73.3         |
| 65,0°    | 48.9                         | 39.8        | 34.9        | 32.5        | 31.5       | 31.4  | 321.6        | 204.9        | 129.3        | 94.3         | 83.2         | 80.6         | 74.7         |
| 67,5°    | 41.9                         | 34.9        | 31.1        | 29.2        | 28.6       | 28.6  | 311.6        | 193.3        | 120.4        | 89.4         | 80.3         | 78.2         | 72.5         |
| 70,0°    | 36.2                         | 30.8        | 27.9        | 26.6        | 26.2       | 26.2  | 298.1        | 181.1        | 113.2        | 86.5         | 79.9         | 78.4         | 72.1         |
| 72,5°    | 31.4                         | 27.4        | 25.3        | 24.3        | 24.0       | 23.9  | 271.7        | 165.7        | 103.8        | 79.3         | 74.5         | 74.1         | 69.0         |
| 75,0°    | 27.6                         | 24.6        | 23.0        | 22.3        | 22.1       | 22.0  | 239.0        | 145.6        | 92.1         | 72.8         | 69.9         | 70.6         | 65.7         |
| 77,5°    | 24.6                         | 22.2        | 21.0        | 20.5        | 20.2       | 20.1  | 199.3        | 127.9        | 82.3         | 66.9         | 66.0         | 67.1         | 61.8         |
| 80,0°    | 22.0                         | 20.2        | 19.2        | 18.8        | 18.5       | 18.4  | 155.0        | 105.4        | 70.8         | 60.2         | 61.3         | 62.0         | 56.3         |
| 82,5°    | 20.3                         | 18.7        | 17.8        | 17.4        | 17.2       | 17.0  | 116.9        | 85.1         | 61.4         | 54.4         | 56.2         | 56.7         | 51.1         |
| 85,0°    | 19.0                         | 17.5        | 16.7        | 16.3        | 16.0       | 15.9  | 85.3         | 65.8         | 51.0         | 46.7         | 48.3         | 47.9         | 42.1         |
| 87,5°    | 15.6                         | 14.8        | 14.5        | 14.3        | 14.2       | 14.2  | 19.2         | 21.1         | 24.4         | 29.4         | 32.4         | 31.5         | 27.5         |
| 90,0°    | 14.8                         | 14.2        | 13.8        | 13.6        | 13.5       | 13.5  | 14.6         | 16.4         | 19.1         | 22.5         | 23.4         | 21.9         | 18.5         |
| 92,5°    | 14.2                         | 13.7        | 13.3        | 13.2        | 13.1       | 13.0  | 11.3         | 10.8         | 10.2         | 9.7          | 9.2          | 8.6          | 8.1          |
| 95,0°    | 12.7                         | 12.7        | 12.7        | 12.7        | 12.7       | 12.7  | 10.6         | 10.1         | 9.5          | 9.0          | 8.5          | 8.0          | 7.5          |
| 97,5°    | 12.3                         | 12.2        | 12.3        | 12.3        | 12.3       | 12.4  | 10.1         | 9.7          | 9.3          | 8.8          | 8.3          | 7.8          | 7.4          |
| 100,0°   | 11.9                         | 12.0        | 12.0        | 12.1        | 12.1       | 12.1  | 9.8          | 9.4          | 9.0          | 8.5          | 8.1          | 7.6          | 7.2          |
| 102,5°   | 11.6                         | 11.6        | 11.7        | 11.8        | 11.8       | 11.7  | 9.5          | 9.2          | 8.8          | 8.3          | 7.9          | 7.4          | 7.0          |
| 105,0°   | 11.4                         | 11.5        | 11.5        | 11.5        | 11.5       | 11.5  | 9.3          | 8.9          | 8.5          | 8.1          | 7.7          | 7.3          | 6.9          |
| 107,5°   | 11.1                         | 11.2        | 11.2        | 11.2        | 11.3       | 11.3  | 9.0          | 8.7          | 8.3          | 8.0          | 7.5          | 7.2          | 6.7          |
| 110,0°   | 10.9                         | 10.9        | 11.0        | 11.0        | 11.1       | 11.1  | 8.8          | 8.5          | 8.1          | 7.8          | 7.4          | 7.0          | 6.7          |
| 112,5°   | 10.7                         | 10.7        | 10.8        | 10.8        | 10.8       | 10.8  | 8.6          | 8.3          | 7.9          | 7.6          | 7.3          | 6.9          | 6.5          |

## Photometric test report

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235FF14H + 5XA54000XS</b><br><b>EAN: 4058352635773 + 4050737730073</b> | <b>LP number</b><br><b>59265_21</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°     | 44.2                         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2         | 44.2 | 0.1                     | 0.1               |
| 2,5°     | 44.0                         | 43.7         | 43.4         | 43.1         | 43.1         | 43.2         | 43.8         | 44.2         | 44.4         | 44.3         | 44.2 | 0.6                     | 0.7               |
| 5,0°     | 52.5                         | 50.3         | 48.6         | 46.8         | 44.8         | 42.4         | 39.3         | 36.7         | 35.0         | 34.1         | 33.8 | 1.5                     | 2.1               |
| 7,5°     | 54.3                         | 53.2         | 52.0         | 47.4         | 42.9         | 39.0         | 35.7         | 32.2         | 29.9         | 28.9         | 28.5 | 3.1                     | 5.2               |
| 10,0°    | 67.5                         | 71.1         | 66.0         | 47.8         | 38.0         | 34.4         | 32.2         | 30.8         | 29.6         | 29.0         | 28.8 | 5.8                     | 11.0              |
| 12,5°    | 77.3                         | 72.7         | 71.1         | 62.4         | 50.7         | 39.1         | 35.0         | 31.0         | 28.4         | 28.4         | 29.0 | 11.0                    | 22.1              |
| 15,0°    | 108.6                        | 92.6         | 78.2         | 69.0         | 58.1         | 50.6         | 45.9         | 39.5         | 34.6         | 31.7         | 31.5 | 16.4                    | 38.5              |
| 17,5°    | 119.8                        | 101.3        | 90.7         | 79.5         | 68.0         | 61.8         | 55.9         | 49.9         | 43.8         | 43.3         | 43.2 | 21.6                    | 60.0              |
| 20,0°    | 102.1                        | 91.9         | 83.6         | 76.0         | 73.1         | 67.4         | 66.8         | 59.0         | 55.7         | 60.4         | 63.0 | 25.7                    | 85.7              |
| 22,5°    | 100.3                        | 86.3         | 77.5         | 72.2         | 70.8         | 69.3         | 68.0         | 64.1         | 65.0         | 71.5         | 78.2 | 28.9                    | 114.6             |
| 25,0°    | 88.9                         | 72.3         | 66.0         | 63.0         | 63.6         | 66.6         | 67.5         | 65.1         | 66.9         | 70.3         | 72.2 | 30.4                    | 145.0             |
| 27,5°    | 84.3                         | 69.4         | 61.3         | 56.3         | 57.2         | 59.9         | 60.9         | 56.1         | 57.6         | 57.4         | 59.5 | 32.7                    | 177.7             |
| 30,0°    | 82.2                         | 68.0         | 60.6         | 56.4         | 56.5         | 56.0         | 55.2         | 53.6         | 50.6         | 51.4         | 52.6 | 34.2                    | 211.9             |
| 32,5°    | 76.7                         | 66.5         | 61.1         | 58.4         | 57.0         | 56.5         | 54.0         | 51.6         | 46.8         | 48.3         | 49.9 | 35.4                    | 247.3             |
| 35,0°    | 73.9                         | 62.2         | 58.5         | 57.5         | 57.7         | 56.5         | 52.8         | 50.5         | 44.3         | 46.7         | 48.0 | 37.2                    | 284.5             |
| 37,5°    | 75.8                         | 68.4         | 61.8         | 56.9         | 54.9         | 53.8         | 51.6         | 48.5         | 43.3         | 44.5         | 45.5 | 38.1                    | 322.6             |
| 40,0°    | 74.5                         | 69.7         | 66.9         | 61.5         | 55.4         | 51.1         | 46.8         | 44.4         | 39.9         | 40.8         | 41.9 | 38.3                    | 360.9             |
| 42,5°    | 73.6                         | 69.7         | 66.0         | 60.6         | 56.9         | 51.0         | 45.1         | 41.0         | 36.8         | 37.0         | 35.5 | 38.3                    | 399.3             |
| 45,0°    | 73.3                         | 70.0         | 66.0         | 59.8         | 52.9         | 46.7         | 41.7         | 37.7         | 34.1         | 32.7         | 32.6 | 38.3                    | 437.6             |
| 47,5°    | 73.5                         | 69.6         | 66.0         | 60.2         | 52.2         | 45.1         | 39.5         | 34.7         | 32.5         | 30.1         | 33.1 | 38.3                    | 475.9             |
| 50,0°    | 69.2                         | 67.4         | 65.7         | 61.6         | 52.6         | 44.6         | 38.8         | 35.0         | 30.8         | 29.8         | 31.9 | 38.3                    | 514.2             |
| 52,5°    | 64.6                         | 63.8         | 63.5         | 60.0         | 51.5         | 43.8         | 37.8         | 34.8         | 30.8         | 30.2         | 31.7 | 38.4                    | 552.7             |
| 55,0°    | 61.2                         | 60.2         | 59.7         | 56.4         | 49.2         | 42.2         | 36.7         | 32.9         | 29.6         | 29.2         | 30.4 | 39.2                    | 591.8             |
| 57,5°    | 61.1                         | 57.7         | 56.3         | 52.5         | 46.0         | 39.3         | 34.2         | 30.7         | 27.6         | 26.9         | 27.7 | 40.2                    | 632.0             |
| 60,0°    | 62.9                         | 56.0         | 52.4         | 48.0         | 42.0         | 36.6         | 32.1         | 28.7         | 25.5         | 24.6         | 25.3 | 41.0                    | 673.0             |
| 62,5°    | 64.2                         | 54.8         | 47.8         | 43.3         | 38.3         | 33.8         | 30.2         | 27.0         | 23.8         | 22.8         | 23.3 | 41.3                    | 714.3             |
| 65,0°    | 65.2                         | 53.7         | 43.5         | 38.9         | 34.9         | 31.2         | 28.0         | 25.4         | 22.2         | 21.1         | 21.3 | 40.9                    | 755.2             |
| 67,5°    | 63.2                         | 51.6         | 39.7         | 34.3         | 31.1         | 28.4         | 25.8         | 23.2         | 20.4         | 19.1         | 19.3 | 39.4                    | 794.6             |
| 70,0°    | 62.9                         | 50.9         | 36.2         | 30.0         | 27.4         | 25.3         | 23.1         | 21.1         | 18.7         | 17.2         | 17.6 | 36.9                    | 831.6             |
| 72,5°    | 60.5                         | 48.8         | 33.3         | 26.6         | 24.2         | 22.5         | 20.6         | 18.9         | 16.7         | 15.3         | 15.4 | 32.6                    | 864.2             |
| 75,0°    | 57.7                         | 46.6         | 30.1         | 23.4         | 21.5         | 19.9         | 18.2         | 16.8         | 14.9         | 13.5         | 13.5 | 27.8                    | 891.9             |
| 77,5°    | 54.0                         | 43.4         | 27.5         | 20.6         | 18.7         | 17.4         | 16.0         | 14.5         | 13.0         | 11.7         | 11.5 | 22.6                    | 914.5             |
| 80,0°    | 48.9                         | 39.1         | 23.4         | 17.6         | 16.0         | 14.8         | 13.5         | 12.3         | 11.0         | 9.9          | 9.7  | 17.8                    | 932.3             |
| 82,5°    | 43.3                         | 34.3         | 20.8         | 15.4         | 13.9         | 12.7         | 11.5         | 10.3         | 9.3          | 8.2          | 8.0  | 14.0                    | 946.3             |
| 85,0°    | 35.1                         | 27.9         | 17.2         | 13.2         | 11.8         | 10.7         | 9.6          | 8.7          | 7.7          | 6.9          | 6.7  | 10.9                    | 957.2             |
| 87,5°    | 22.8                         | 18.7         | 11.6         | 9.1          | 8.4          | 7.6          | 7.0          | 6.4          | 5.9          | 5.3          | 4.9  | 4.5                     | 961.7             |
| 90,0°    | 15.1                         | 12.1         | 8.2          | 6.7          | 6.1          | 5.6          | 5.2          | 4.8          | 4.6          | 4.2          | 4.1  | 3.6                     | 965.3             |
| 92,5°    | 7.5                          | 6.9          | 6.4          | 5.9          | 5.4          | 5.0          | 4.7          | 4.4          | 4.2          | 3.9          | 3.7  | 2.8                     | 968.1             |
| 95,0°    | 7.1                          | 6.6          | 6.1          | 5.6          | 5.3          | 4.9          | 4.6          | 4.3          | 4.1          | 3.8          | 3.7  | 2.6                     | 970.7             |
| 97,5°    | 6.9                          | 6.5          | 6.0          | 5.6          | 5.3          | 4.9          | 4.6          | 4.4          | 4.1          | 3.8          | 3.7  | 2.5                     | 973.3             |
| 100,0°   | 6.7                          | 6.3          | 5.9          | 5.5          | 5.1          | 4.8          | 4.5          | 4.3          | 4.0          | 3.8          | 3.7  | 2.4                     | 975.7             |
| 102,5°   | 6.7                          | 6.2          | 5.8          | 5.4          | 5.1          | 4.7          | 4.5          | 4.2          | 4.0          | 3.7          | 3.6  | 2.4                     | 978.1             |
| 105,0°   | 6.6                          | 6.1          | 5.7          | 5.4          | 5.0          | 4.7          | 4.5          | 4.2          | 4.0          | 3.7          | 3.7  | 2.3                     | 980.4             |
| 107,5°   | 6.4                          | 6.0          | 5.6          | 5.3          | 4.9          | 4.6          | 4.4          | 4.2          | 4.0          | 3.7          | 3.7  | 2.2                     | 982.6             |
| 110,0°   | 6.3                          | 5.9          | 5.5          | 5.2          | 4.9          | 4.6          | 4.4          | 4.1          | 4.0          | 3.7          | 3.7  | 2.1                     | 984.7             |
| 112,5°   | 6.2                          | 5.8          | 5.4          | 5.2          | 4.8          | 4.6          | 4.3          | 4.1          | 3.9          | 3.7          | 3.7  | 2.0                     | 986.7             |

## Photometric test report

|   |   |                                     |
|---|---|-------------------------------------|
| <b>Family</b><br><b>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235FF14H + 5XA54000XS</b><br><b>EAN: 4058352635773 + 4050737730073</b> | <b>LP number</b><br><b>59265_21</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° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| $\gamma$ | Luminous intensity in cd/klm |            |             |             |             |             |             |             |             |             |             |             |             |
| 115,0°   | 8.7                          | 8.9        | 9.2         | 9.3         | 9.5         | 9.6         | 9.7         | 9.8         | 9.9         | 10.0        | 10.2        | 10.2        | 10.3        |
| 117,5°   | 8.3                          | 8.6        | 8.8         | 9.0         | 9.1         | 9.3         | 9.4         | 9.5         | 9.6         | 9.7         | 9.8         | 10.0        | 10.1        |
| 120,0°   | 8.1                          | 8.2        | 8.5         | 8.7         | 8.8         | 8.9         | 9.1         | 9.2         | 9.3         | 9.4         | 9.5         | 9.6         | 9.7         |
| 122,5°   | 7.5                          | 7.8        | 8.0         | 8.2         | 8.4         | 8.5         | 8.6         | 8.7         | 8.8         | 8.9         | 9.0         | 9.2         | 9.2         |
| 125,0°   | 6.9                          | 7.1        | 7.3         | 7.4         | 7.6         | 7.7         | 7.8         | 7.9         | 8.0         | 8.1         | 8.2         | 8.3         | 8.4         |
| 127,5°   | 5.9                          | 6.1        | 6.2         | 6.3         | 6.4         | 6.5         | 6.6         | 6.7         | 6.7         | 6.8         | 6.9         | 7.0         | 7.1         |
| 130,0°   | 4.7                          | 4.7        | 4.8         | 4.9         | 5.0         | 5.0         | 5.1         | 5.1         | 5.2         | 5.2         | 5.2         | 5.3         | 5.3         |
| 132,5°   | 3.4                          | 3.5        | 3.6         | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         | 3.7         |
| 135,0°   | 3.0                          | 3.1        | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         | 3.1         |
| 137,5°   | 2.5                          | 2.7        | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         | 2.7         |
| 140,0°   | 2.1                          | 2.2        | 2.2         | 2.3         | 2.3         | 2.3         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         | 2.2         |
| 142,5°   | 1.9                          | 1.9        | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.9         | 1.8         | 1.8         | 1.8         | 1.8         |
| 145,0°   | 1.5                          | 1.5        | 1.6         | 1.5         | 1.5         | 1.5         | 1.5         | 1.5         | 1.4         | 1.4         | 1.4         | 1.4         | 1.4         |
| 147,5°   | 1.1                          | 1.1        | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.2         | 1.1         |
| 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>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235FF14H + 5XA54000XS</b><br><b>EAN: 4058352635773 + 4050737730073</b> | <b>LP number</b><br><b>59265_21</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 |             |             |             |            |      |              |              |              |              |              |              |              |
| 115,0°   | 10.5                         | 10.5        | 10.6        | 10.6        | 10.6       | 10.6 | 8.4          | 8.1          | 7.8          | 7.4          | 7.1          | 6.7          | 6.4          |
| 117,5°   | 10.1                         | 10.2        | 10.2        | 10.3        | 10.3       | 10.3 | 8.1          | 7.8          | 7.4          | 7.1          | 6.8          | 6.5          | 6.1          |
| 120,0°   | 9.8                          | 9.9         | 9.9         | 10.0        | 10.0       | 10.1 | 7.8          | 7.4          | 7.2          | 6.9          | 6.6          | 6.2          | 5.9          |
| 122,5°   | 9.3                          | 9.4         | 9.4         | 9.5         | 9.5        | 9.5  | 7.3          | 7.0          | 6.7          | 6.5          | 6.2          | 5.9          | 5.6          |
| 125,0°   | 8.5                          | 8.5         | 8.6         | 8.6         | 8.7        | 8.7  | 6.7          | 6.4          | 6.1          | 5.9          | 5.7          | 5.4          | 5.1          |
| 127,5°   | 7.1                          | 7.2         | 7.2         | 7.2         | 7.3        | 7.3  | 5.7          | 5.4          | 5.3          | 5.1          | 4.8          | 4.7          | 4.4          |
| 130,0°   | 5.3                          | 5.3         | 5.4         | 5.4         | 5.4        | 5.4  | 4.4          | 4.3          | 4.1          | 4.0          | 3.8          | 3.7          | 3.5          |
| 132,5°   | 3.7                          | 3.7         | 3.7         | 3.7         | 3.7        | 3.7  | 3.4          | 3.3          | 3.2          | 3.1          | 3.0          | 2.9          | 2.8          |
| 135,0°   | 3.1                          | 3.1         | 3.1         | 3.2         | 3.2        | 3.2  | 2.9          | 2.8          | 2.8          | 2.7          | 2.7          | 2.6          | 2.5          |
| 137,5°   | 2.7                          | 2.7         | 2.7         | 2.7         | 2.7        | 2.7  | 2.5          | 2.5          | 2.4          | 2.4          | 2.3          | 2.2          | 2.2          |
| 140,0°   | 2.2                          | 2.2         | 2.2         | 2.2         | 2.2        | 2.2  | 2.1          | 2.0          | 2.0          | 2.0          | 2.0          | 2.0          | 1.9          |
| 142,5°   | 1.7                          | 1.7         | 1.7         | 1.7         | 1.7        | 1.7  | 1.9          | 1.8          | 1.8          | 1.8          | 1.7          | 1.7          | 1.7          |
| 145,0°   | 1.4                          | 1.4         | 1.4         | 1.4         | 1.3        | 1.3  | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          |
| 147,5°   | 1.1                          | 1.1         | 1.1         | 1.1         | 1.1        | 1.0  | 1.1          | 1.1          | 1.1          | 1.1          | 1.1          | 1.1          | 1.2          |
| 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>MUSHROOM LUMINAIRE LED</b>  | <b>Order number: 5XA5235FF14H + 5XA54000XS</b><br><b>EAN: 4058352635773 + 4050737730073</b> | <b>LP number</b><br><b>59265_21</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 |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| $\gamma$ | Luminous intensity in cd/klm |              |              |              |              |              |              |              |              |              |      | Luminous flux in lm/klm |                   |
| 115,0°   | 6.0                          | 5.7          | 5.4          | 5.0          | 4.7          | 4.5          | 4.2          | 4.1          | 3.9          | 3.6          | 3.6  | 2.0                     | 988.7             |
| 117,5°   | 5.8                          | 5.4          | 5.1          | 4.8          | 4.5          | 4.2          | 4.0          | 3.9          | 3.6          | 3.4          | 3.5  | 1.9                     | 990.5             |
| 120,0°   | 5.5                          | 5.3          | 4.9          | 4.6          | 4.4          | 4.1          | 3.9          | 3.7          | 3.5          | 3.4          | 3.4  | 1.7                     | 992.3             |
| 122,5°   | 5.3                          | 5.0          | 4.7          | 4.4          | 4.1          | 3.9          | 3.7          | 3.5          | 3.3          | 3.2          | 3.3  | 1.6                     | 993.9             |
| 125,0°   | 4.8                          | 4.5          | 4.2          | 4.0          | 3.8          | 3.6          | 3.4          | 3.3          | 3.0          | 2.9          | 3.0  | 1.4                     | 995.3             |
| 127,5°   | 4.2                          | 3.9          | 3.7          | 3.5          | 3.3          | 3.1          | 2.9          | 2.8          | 2.7          | 2.6          | 2.6  | 1.2                     | 996.5             |
| 130,0°   | 3.3                          | 3.2          | 3.0          | 2.8          | 2.7          | 2.6          | 2.4          | 2.3          | 2.2          | 2.1          | 2.1  | 0.9                     | 997.4             |
| 132,5°   | 2.7                          | 2.6          | 2.5          | 2.4          | 2.3          | 2.2          | 2.1          | 2.0          | 2.0          | 2.0          | 2.0  | 0.6                     | 998.0             |
| 135,0°   | 2.4                          | 2.3          | 2.2          | 2.1          | 2.1          | 2.0          | 2.0          | 1.9          | 1.9          | 1.9          | 1.9  | 0.5                     | 998.5             |
| 137,5°   | 2.1                          | 2.1          | 2.0          | 2.0          | 1.9          | 1.9          | 1.8          | 1.7          | 1.7          | 1.7          | 1.7  | 0.4                     | 999.0             |
| 140,0°   | 1.9                          | 1.8          | 1.8          | 1.7          | 1.7          | 1.6          | 1.6          | 1.5          | 1.5          | 1.5          | 1.5  | 0.4                     | 999.3             |
| 142,5°   | 1.6                          | 1.6          | 1.5          | 1.5          | 1.5          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4          | 1.4  | 0.3                     | 999.6             |
| 145,0°   | 1.4                          | 1.4          | 1.3          | 1.3          | 1.3          | 1.3          | 1.2          | 1.2          | 1.2          | 1.2          | 1.2  | 0.2                     | 999.8             |
| 147,5°   | 1.2                          | 1.2          | 1.2          | 1.2          | 1.2          | 1.1          | 1.1          | 1.1          | 1.1          | 1.1          | 1.1  | 0.2                     | 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>MUSHROOM LUMINAIRE LED</b> | <b>Order number: 5XA5235FF14H + 5XA54000XS</b><br><b>EAN: 4058352635773 + 4050737730073</b> | <b>LP number</b><br><b>59265_21</b>    |
| <b>Dimming levels table</b>                    |   | <b>environmental temperature: 25°C</b> |
| <b>siteco</b>                                  |   |  |

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] | Power consumption [W] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|-----------------------|-----------------------|
|                 |                      |                           |                    | start of lifetime     | end of lifetime       | average               |
| 100             | 254                  | 254                       | 1450               | 10.5                  | 10.8                  | 10.6                  |
| 95              | 241                  | 252                       | 1376               | 10.0                  | 10.3                  | 10.2                  |
| 90              | 229                  | 250                       | 1307               | 9.4                   | 9.8                   | 9.6                   |
| 85              | 216                  | 248                       | 1233               | 8.9                   | 9.2                   | 9.0                   |
| 80              | 203                  | 246                       | 1159               | 8.3                   | 8.7                   | 8.5                   |
| 75              | 190                  | 243                       | 1085               | 7.8                   | 8.1                   | 8.0                   |
| 70              | 178                  | 241                       | 1016               | 7.3                   | 7.6                   | 7.4                   |
| 65              | 165                  | 238                       | 942                | 6.9                   | 7.1                   | 7.0                   |
| 60              | 152                  | 235                       | 868                | 6.4                   | 6.6                   | 6.5                   |
| 55              | 140                  | 232                       | 799                | 5.9                   | 6.1                   | 6.0                   |
| 50              | 127                  | 229                       | 725                | 5.4                   | 5.6                   | 5.5                   |
| 45              | 114                  | 225                       | 651                | 5.0                   | 5.2                   | 5.1                   |
| 40              | 102                  | 221                       | 582                | 4.6                   | 4.7                   | 4.6                   |
| 35              | 89                   | 216                       | 508                | 4.1                   | 4.3                   | 4.2                   |
| 30              | 76                   | 210                       | 434                | 3.7                   | 3.8                   | 3.8                   |
| 28              | 72                   | 208                       | 411                | 3.5                   | 3.7                   | 3.6                   |