



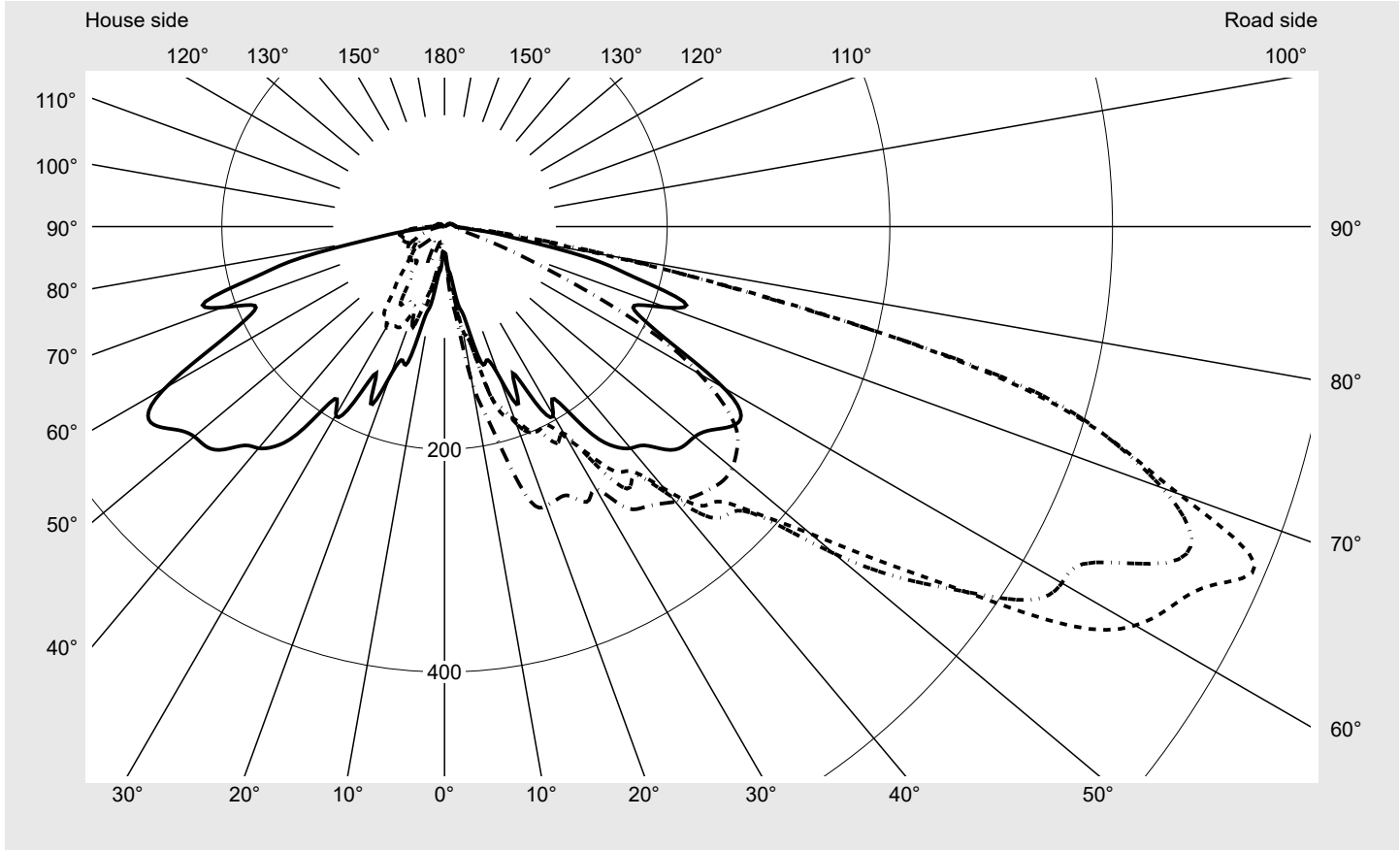
Photometric test report

| | | |
|--|--|--|
| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
| | Version post-top- or mounting to wall arm Optic asymmetric, wide distribution (ST1.2a) Cover cover transparent, PMMA Lamps LED 4000 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 1550 lm Power consumption = 10.0 W Luminous efficacy = 155 lm/W | serial documentation 07.07.2022 |





Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 787 cd/klm**



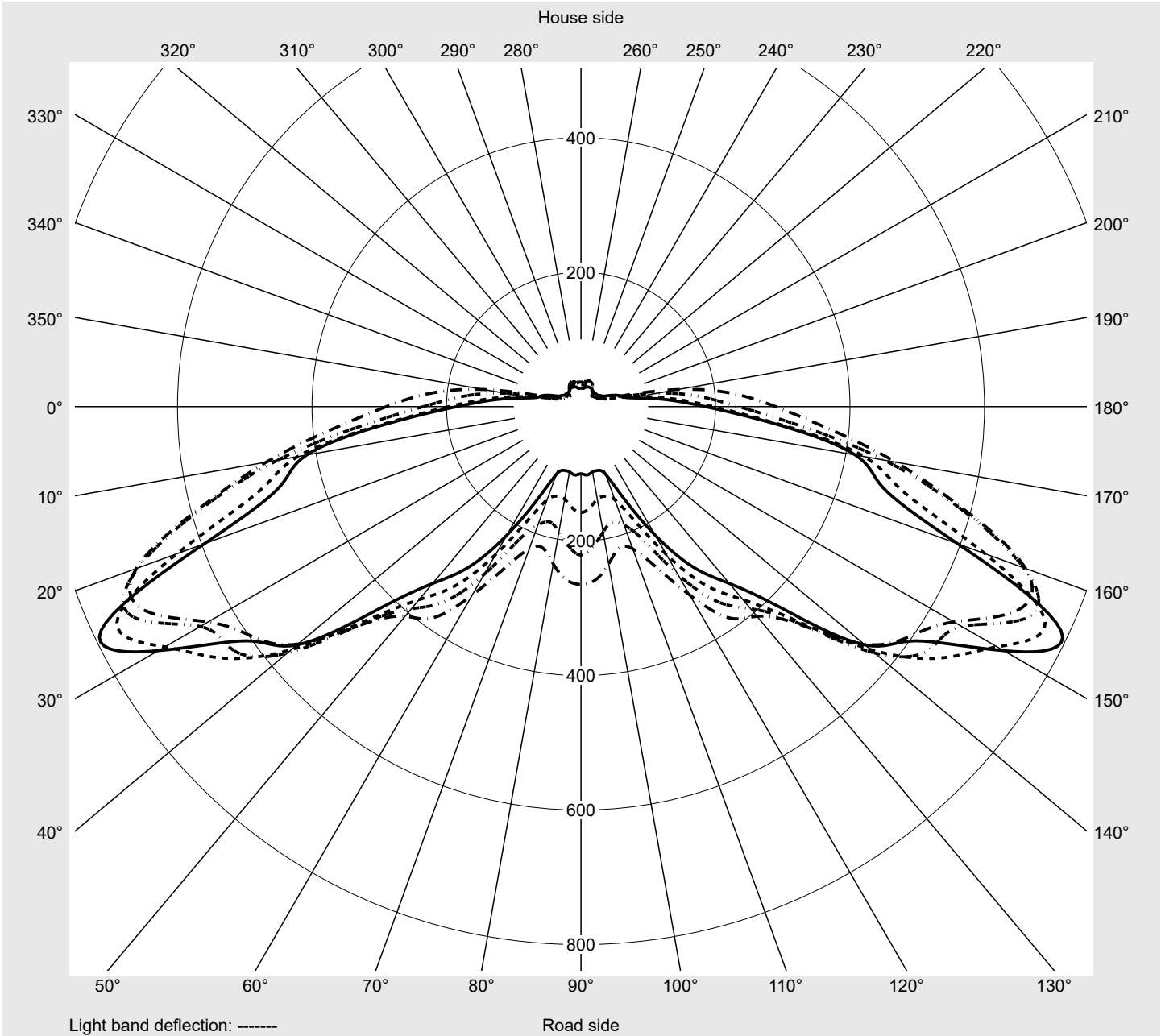
| Luminaire output ratios | |
|---------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 97.5% |
| Eta 90° - 180° | 2.5% |
| Measurement conditions | |
| DIN EN 13032 and DIN 5032 | |

| 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 |

Photometric test report

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| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
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Envelope curve in cd/klm **KMK 67.5°** **KMK 65°** **KMK 62.5°** **KMK 60°** **siteco**



Photometric test report

| | | |
|---|--|-------------------------------------|
| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 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

| | | |
|---|--|-------------------------------------|
| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| siteco | | |


| C-planes | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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° | 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

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|---|--|-------------------------------------|
| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | | siteco |

| C-planes | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-zone | Total 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

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| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
| Table of values for luminous intensities | | Maximum luminous intensity |
| | |  |

| C-planes | 0° 180° | 5° 175° | 10° 170° | 15° 165° | 20° 160° | 25° 155° | 30° 150° | 35° 145° | 40° 140° | 45° 135° | 50° 130° | 55° 125° | 60° 120° |
|----------|------------------------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| γ | 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

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| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
| | | siteco |

| C-planes | 65° 115° | 70° 110° | 75° 105° | 80° 100° | 85° 95° | 90° | 185° 355° | 190° 350° | 195° 345° | 200° 340° | 205° 335° | 210° 330° | 215° 325° |
|----------|------------------------------|-------------|-------------|-------------|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| γ | 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° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-zone | Total Phi-zone |
|----------|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------------------|-------------------|
| γ | 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

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| Family MUSHROOM LUMINAIRE LED | Order number: 5XA5235KF14H EAN: 4058352833162 | LP number 57119_31 |
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| | | |
|-----------------------------|---------------------------------|---------------|
| Dimming levels table | environmental temperature: 25°C | siteco |
|-----------------------------|---------------------------------|---------------|

| 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 | 1550 | 10.0 | 10.4 | 10.2 |
| 95 | 241 | 252 | 1471 | 9.5 | 9.9 | 9.7 |
| 90 | 229 | 250 | 1397 | 9.0 | 9.3 | 9.2 |
| 85 | 216 | 248 | 1318 | 8.5 | 8.8 | 8.6 |
| 80 | 203 | 246 | 1239 | 8.0 | 8.3 | 8.2 |
| 75 | 190 | 243 | 1159 | 7.6 | 7.7 | 7.6 |
| 70 | 178 | 241 | 1086 | 7.1 | 7.3 | 7.2 |
| 65 | 165 | 238 | 1007 | 6.6 | 6.8 | 6.7 |
| 60 | 152 | 235 | 928 | 6.1 | 6.4 | 6.2 |
| 55 | 140 | 232 | 854 | 5.7 | 5.9 | 5.8 |
| 50 | 127 | 229 | 775 | 5.3 | 5.5 | 5.4 |
| 45 | 114 | 225 | 696 | 4.8 | 5.0 | 4.9 |
| 40 | 102 | 221 | 622 | 4.4 | 4.6 | 4.5 |
| 35 | 89 | 216 | 543 | 4.0 | 4.1 | 4.0 |
| 30 | 76 | 210 | 464 | 3.6 | 3.7 | 3.6 |
| 30 | 75 | 209 | 458 | 3.5 | 3.7 | 3.6 |