



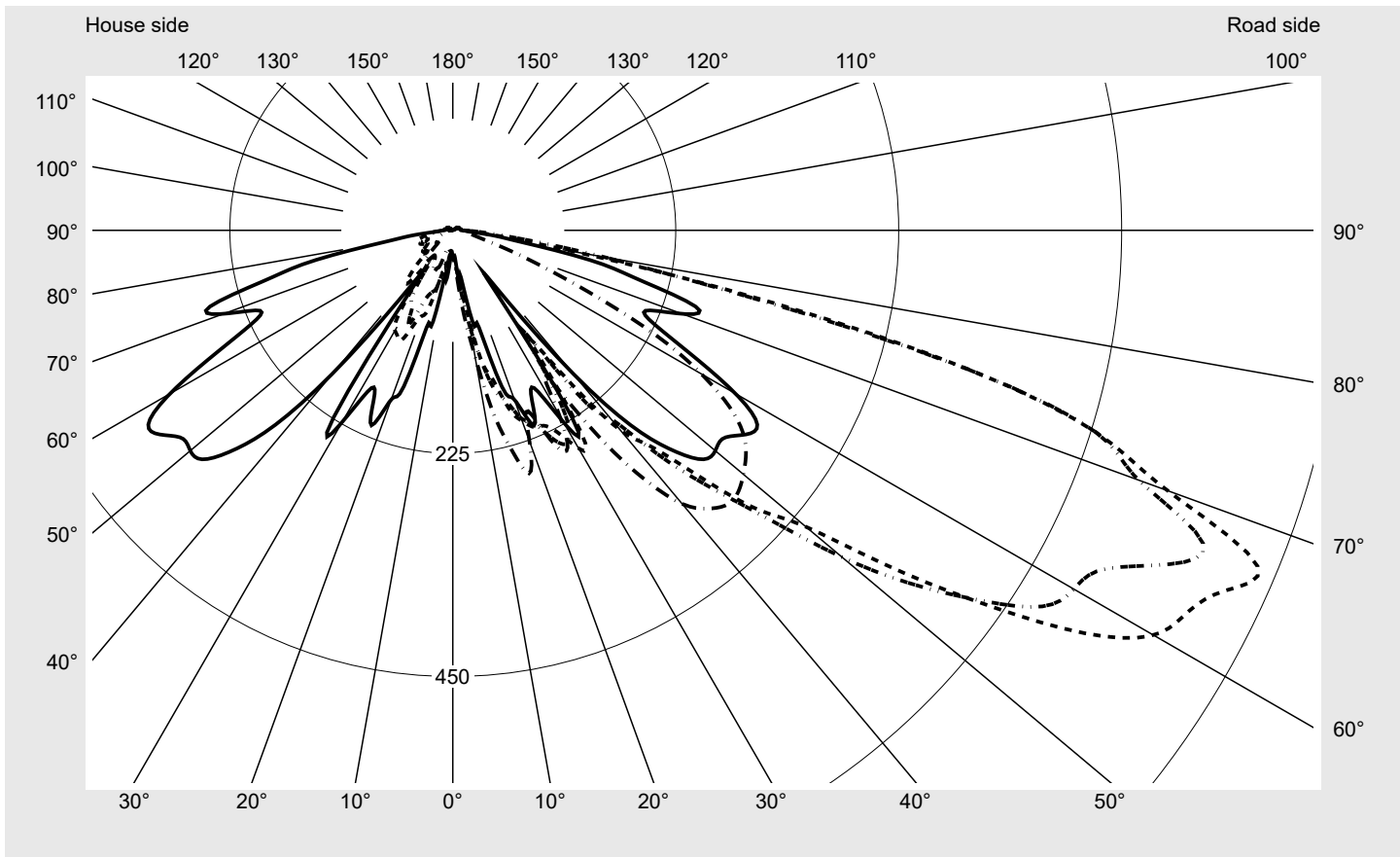
Photometric test report

| | | |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
| | Version post-top- or mounting to wall arm Optic asymmetric, wide distribution (ST1.2a) Cover cover transparent, PMMA Lamps LED 2700 K CRI ≥ 70 Controlgear ECG SITECO iQ Rated values Net luminous flux = 1380 lm Power consumption = 11.8 W Luminous efficacy = 117 lm/W | serial documentation 04.11.2022 |





Luminous intensity in cd/klm C180-0 C205-25 C210-30 C270-90 **Imax: 877 cd/klm**



| Luminaire output ratios | |
|-------------------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 97.4% |
| Eta 90° - 180° | 2.6% |

| Luminous intensity class acc. to EN13201-2 | |
|--------------------------------------------|-------|
| Class: | G1 |
| Imax 70° | 767.4 |
| Imax 80° | 154.8 |
| Imax 90° | 11.0 |
| Imax >90° | 10.7 |
| Imax >95° | 10.0 |

Measurement conditions
DIN EN 13032 and DIN 5032

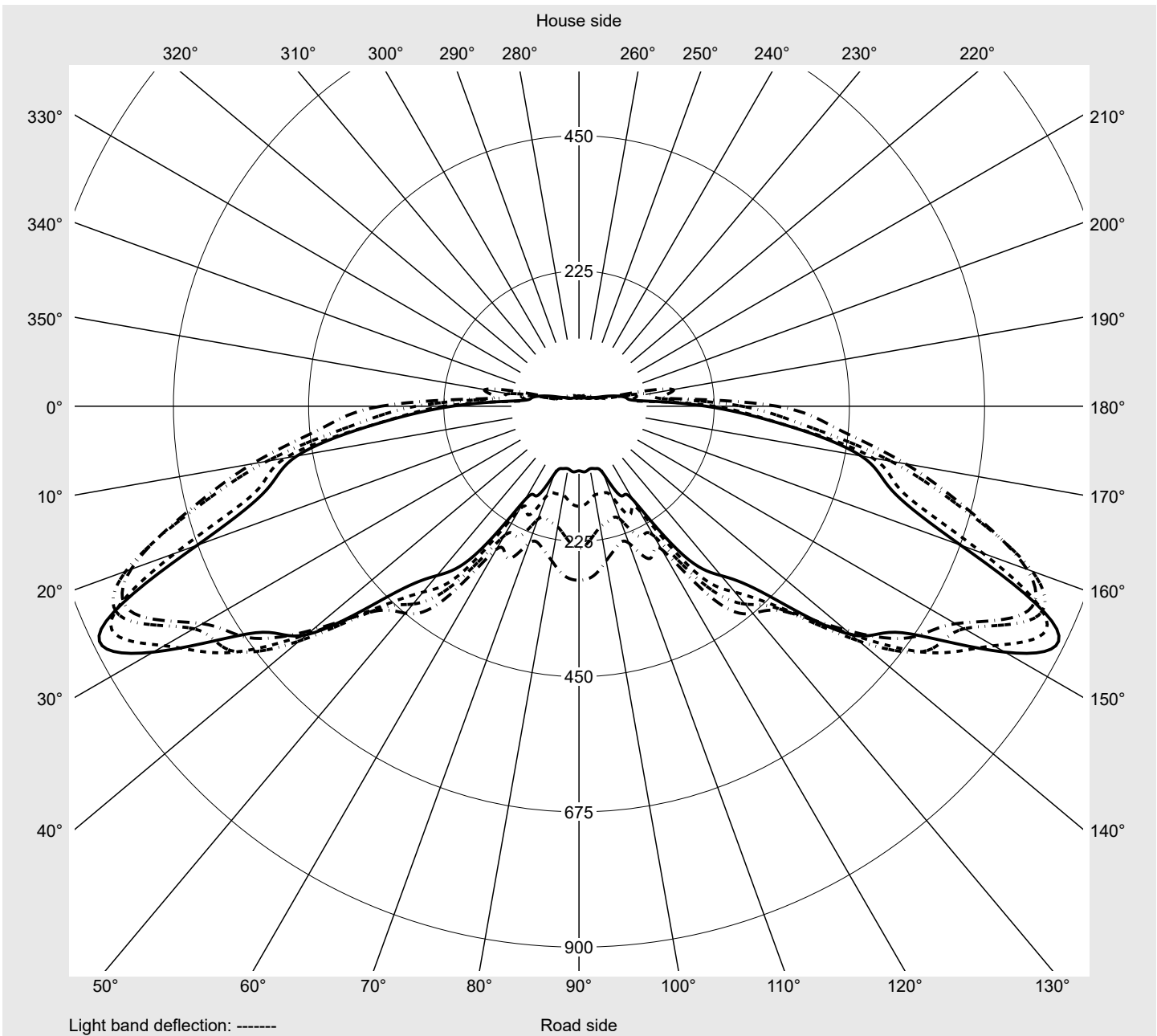
Photometric test report

Family
LANTERN CLASSIC LED

Order number: 5XA5245MF14H
EAN: 4058352834633

LP number
57124_34

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



Photometric test report

| | | |
|-------------------------------------------------|----------------------------------------------------------------|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
| 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° | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 |
| 2,5° | 25.6 | 25.6 | 26.0 | 26.3 | 26.7 | 27.0 | 27.8 | 28.5 | 29.2 | 29.9 | 30.6 | 31.0 | 31.0 |
| 5,0° | 30.6 | 32.4 | 33.8 | 35.6 | 36.6 | 37.0 | 38.4 | 39.5 | 40.2 | 41.3 | 40.9 | 40.9 | 41.3 |
| 7,5° | 50.5 | 52.7 | 52.3 | 54.4 | 57.6 | 57.3 | 60.8 | 60.8 | 63.0 | 64.8 | 64.0 | 62.3 | 60.8 |
| 10,0° | 49.5 | 59.1 | 68.7 | 79.0 | 80.8 | 86.1 | 98.2 | 105.7 | 113.1 | 114.9 | 111.4 | 97.8 | 91.8 |
| 12,5° | 97.8 | 107.8 | 118.5 | 122.7 | 135.9 | 136.3 | 137.7 | 141.3 | 142.7 | 139.1 | 132.7 | 126.3 | 127.4 |
| 15,0° | 100.0 | 143.7 | 148.7 | 175.8 | 170.4 | 155.5 | 169.0 | 180.7 | 191.1 | 198.5 | 177.9 | 169.4 | 161.5 |
| 17,5° | 166.5 | 142.7 | 153.3 | 183.6 | 190.7 | 188.6 | 181.1 | 197.8 | 204.6 | 205.6 | 213.8 | 191.8 | 191.4 |
| 20,0° | 181.5 | 198.5 | 214.9 | 222.7 | 250.8 | 204.6 | 201.7 | 189.3 | 197.1 | 194.3 | 209.6 | 190.4 | 189.6 |
| 22,5° | 212.8 | 232.7 | 239.1 | 227.0 | 232.3 | 214.9 | 209.2 | 198.9 | 202.4 | 192.1 | 217.7 | 204.6 | 200.3 |
| 25,0° | 188.9 | 181.8 | 180.0 | 186.1 | 200.3 | 217.4 | 228.1 | 224.5 | 241.6 | 214.5 | 233.8 | 227.7 | 214.9 |
| 27,5° | 180.4 | 192.5 | 208.9 | 217.0 | 225.9 | 230.2 | 243.4 | 233.4 | 258.7 | 229.8 | 233.0 | 209.6 | 210.3 |
| 30,0° | 223.4 | 233.8 | 261.9 | 264.4 | 256.5 | 253.7 | 236.2 | 215.3 | 258.0 | 243.7 | 258.3 | 218.5 | 198.2 |
| 32,5° | 224.5 | 218.5 | 217.7 | 200.0 | 216.7 | 239.1 | 189.6 | 151.2 | 167.9 | 160.8 | 192.5 | 194.3 | 189.6 |
| 35,0° | 72.2 | 68.0 | 69.0 | 76.5 | 93.9 | 138.0 | 122.4 | 119.9 | 169.4 | 154.4 | 207.8 | 206.4 | 218.1 |
| 37,5° | 82.2 | 94.3 | 127.4 | 148.7 | 170.1 | 189.3 | 213.8 | 209.2 | 227.7 | 215.6 | 250.8 | 232.7 | 228.8 |
| 40,0° | 187.1 | 196.8 | 224.2 | 241.9 | 247.3 | 263.3 | 248.0 | 238.4 | 262.2 | 285.7 | 290.0 | 262.6 | 282.9 |
| 42,5° | 268.3 | 270.4 | 285.3 | 287.5 | 285.3 | 295.3 | 306.7 | 303.8 | 309.9 | 355.1 | 380.7 | 328.8 | 354.0 |
| 45,0° | 313.8 | 311.7 | 341.9 | 343.0 | 345.1 | 349.7 | 365.4 | 366.5 | 408.5 | 405.6 | 449.7 | 377.9 | 385.3 |
| 47,5° | 341.9 | 355.8 | 408.5 | 418.1 | 428.7 | 416.3 | 429.1 | 412.7 | 450.8 | 447.9 | 474.6 | 405.2 | 396.0 |
| 50,0° | 345.8 | 375.0 | 479.3 | 467.5 | 508.8 | 465.0 | 513.1 | 482.1 | 470.4 | 460.4 | 499.5 | 424.8 | 393.2 |
| 52,5° | 344.4 | 375.0 | 472.9 | 499.9 | 572.1 | 559.3 | 587.1 | 558.2 | 487.8 | 474.6 | 496.7 | 424.8 | 377.5 |
| 55,0° | 359.4 | 401.3 | 481.7 | 555.8 | 655.4 | 659.6 | 651.1 | 603.4 | 510.6 | 479.6 | 491.4 | 435.1 | 344.1 |
| 57,5° | 364.3 | 436.9 | 523.4 | 618.4 | 746.5 | 756.4 | 705.9 | 629.4 | 542.6 | 489.2 | 474.3 | 410.2 | 322.0 |
| 60,0° | 329.5 | 431.6 | 552.2 | 672.8 | 793.4 | 816.5 | 723.7 | 671.4 | 579.2 | 482.8 | 449.7 | 394.2 | 275.0 |
| 62,5° | 271.5 | 381.8 | 527.3 | 662.8 | 802.7 | 835.4 | 740.4 | 708.4 | 607.7 | 479.6 | 429.8 | 360.1 | 249.1 |
| 65,0° | 224.9 | 339.8 | 496.3 | 559.7 | 715.5 | 860.0 | 797.0 | 715.1 | 589.9 | 473.9 | 403.8 | 335.5 | 198.9 |
| 67,5° | 211.3 | 338.7 | 476.8 | 538.7 | 676.0 | 877.4 | 818.3 | 657.2 | 591.3 | 445.5 | 367.9 | 302.4 | 180.0 |
| 70,0° | 246.2 | 365.4 | 479.3 | 532.3 | 625.1 | 767.4 | 736.5 | 627.6 | 520.9 | 404.9 | 328.0 | 273.2 | 131.6 |
| 72,5° | 258.0 | 381.1 | 446.2 | 523.7 | 619.8 | 683.5 | 682.8 | 547.9 | 417.3 | 335.5 | 262.6 | 219.2 | 120.6 |
| 75,0° | 197.8 | 327.0 | 402.8 | 435.8 | 514.5 | 533.3 | 530.5 | 388.9 | 269.0 | 227.7 | 218.1 | 194.6 | 89.3 |
| 77,5° | 149.1 | 227.7 | 250.1 | 290.3 | 323.4 | 309.2 | 292.1 | 207.8 | 175.4 | 164.4 | 160.1 | 159.0 | 91.1 |
| 80,0° | 76.5 | 91.8 | 106.0 | 145.5 | 134.5 | 127.0 | 154.8 | 138.8 | 114.9 | 82.9 | 69.7 | 82.5 | 36.6 |
| 82,5° | 44.5 | 48.4 | 53.0 | 80.8 | 65.8 | 54.8 | 77.6 | 95.7 | 74.0 | 50.9 | 31.0 | 23.1 | 16.0 |
| 85,0° | 18.9 | 21.0 | 21.7 | 24.2 | 19.2 | 25.6 | 39.8 | 46.6 | 28.5 | 22.4 | 14.6 | 13.5 | 12.1 |
| 87,5° | 12.8 | 13.2 | 13.2 | 14.2 | 15.3 | 16.7 | 21.7 | 18.5 | 17.4 | 14.6 | 11.7 | 11.4 | 10.7 |
| 90,0° | 8.5 | 9.3 | 10.0 | 10.7 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.3 | 10.3 | 9.6 | 9.3 |
| 92,5° | 8.5 | 9.3 | 9.6 | 10.3 | 10.3 | 10.7 | 10.3 | 10.3 | 10.3 | 10.0 | 9.6 | 9.6 | 9.3 |
| 95,0° | 8.5 | 9.3 | 9.3 | 10.0 | 10.0 | 10.3 | 10.3 | 10.0 | 10.0 | 10.0 | 9.6 | 9.6 | 9.3 |
| 97,5° | 8.5 | 8.5 | 9.3 | 9.3 | 9.6 | 10.0 | 10.0 | 9.6 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 |
| 100,0° | 7.8 | 8.5 | 8.5 | 8.9 | 8.9 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 8.9 | 8.9 | 8.5 |
| 102,5° | 7.1 | 7.8 | 7.8 | 8.2 | 8.2 | 8.5 | 8.5 | 8.5 | 8.2 | 8.5 | 8.5 | 8.5 | 8.5 |
| 105,0° | 6.8 | 7.1 | 7.5 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 |
| 107,5° | 6.4 | 6.4 | 7.1 | 7.1 | 7.1 | 7.5 | 7.5 | 7.1 | 7.1 | 7.8 | 7.5 | 7.5 | 7.8 |
| 110,0° | 5.7 | 6.4 | 6.4 | 6.4 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| 112,5° | 5.7 | 5.7 | 6.0 | 6.4 | 6.4 | 6.8 | 6.8 | 6.8 | 6.8 | 6.4 | 6.4 | 6.4 | 6.4 |

Photometric test report

| | | |
|-------------------------------------------------|----------------------------------------------------------------|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
| 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° | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 |
| 2,5° | 31.3 | 31.3 | 31.7 | 31.7 | 31.3 | 31.3 | 25.3 | 25.3 | 24.9 | 24.5 | 24.5 | 24.2 | 24.2 |
| 5,0° | 44.8 | 45.9 | 47.0 | 46.6 | 45.9 | 45.5 | 29.2 | 28.1 | 27.0 | 26.7 | 26.0 | 25.3 | 25.3 |
| 7,5° | 59.4 | 61.2 | 67.6 | 74.4 | 82.5 | 85.4 | 45.2 | 40.2 | 35.6 | 31.7 | 28.8 | 26.7 | 24.9 |
| 10,0° | 82.5 | 85.4 | 104.6 | 115.6 | 125.2 | 128.8 | 47.7 | 47.7 | 51.6 | 53.4 | 50.5 | 39.1 | 30.2 |
| 12,5° | 127.4 | 134.8 | 154.4 | 169.0 | 181.8 | 188.6 | 73.3 | 79.3 | 69.7 | 52.7 | 43.1 | 30.2 | 34.2 |
| 15,0° | 165.8 | 164.7 | 181.1 | 210.6 | 224.9 | 229.1 | 85.0 | 68.0 | 60.1 | 60.5 | 55.1 | 55.1 | 68.0 |
| 17,5° | 195.7 | 195.0 | 207.8 | 239.4 | 253.3 | 256.9 | 139.1 | 80.4 | 103.9 | 89.7 | 84.7 | 64.4 | 75.4 |
| 20,0° | 201.0 | 186.8 | 182.2 | 214.5 | 225.9 | 226.3 | 165.8 | 86.1 | 128.1 | 113.1 | 92.2 | 68.7 | 72.2 |
| 22,5° | 211.7 | 188.2 | 169.4 | 187.9 | 196.0 | 197.1 | 187.1 | 103.9 | 144.1 | 119.9 | 103.5 | 81.1 | 65.8 |
| 25,0° | 223.1 | 213.1 | 204.9 | 232.0 | 234.8 | 232.7 | 173.6 | 80.8 | 143.4 | 142.7 | 122.0 | 104.2 | 72.9 |
| 27,5° | 232.0 | 219.5 | 211.7 | 243.0 | 251.2 | 249.8 | 142.7 | 59.8 | 132.7 | 119.5 | 120.6 | 89.3 | 65.8 |
| 30,0° | 212.4 | 197.5 | 189.3 | 206.4 | 213.1 | 214.9 | 174.0 | 49.1 | 133.1 | 117.8 | 116.7 | 83.6 | 58.7 |
| 32,5° | 188.9 | 183.2 | 185.0 | 190.7 | 181.1 | 172.9 | 173.3 | 70.8 | 154.4 | 120.3 | 103.9 | 71.5 | 44.1 |
| 35,0° | 226.6 | 197.1 | 195.7 | 228.1 | 240.5 | 244.8 | 86.8 | 53.7 | 94.3 | 75.8 | 65.5 | 43.4 | 35.9 |
| 37,5° | 243.0 | 237.0 | 249.1 | 295.0 | 310.6 | 314.5 | 73.6 | 52.7 | 53.0 | 49.5 | 43.1 | 33.1 | 27.0 |
| 40,0° | 309.2 | 293.5 | 306.3 | 342.6 | 355.8 | 360.1 | 139.8 | 60.1 | 105.7 | 90.4 | 68.0 | 38.8 | 29.2 |
| 42,5° | 378.9 | 335.5 | 336.6 | 371.1 | 377.9 | 380.7 | 176.1 | 104.2 | 145.9 | 114.9 | 67.6 | 38.8 | 35.9 |
| 45,0° | 411.3 | 343.7 | 367.5 | 383.5 | 389.2 | 391.4 | 229.5 | 131.3 | 179.7 | 126.7 | 56.6 | 37.0 | 42.7 |
| 47,5° | 414.9 | 355.8 | 373.6 | 385.0 | 389.2 | 390.7 | 193.9 | 137.7 | 183.9 | 108.9 | 44.5 | 37.7 | 45.5 |
| 50,0° | 407.7 | 344.1 | 370.4 | 377.1 | 382.1 | 382.8 | 200.0 | 145.5 | 190.7 | 82.9 | 33.4 | 36.3 | 42.3 |
| 52,5° | 373.2 | 325.6 | 354.0 | 363.3 | 371.8 | 372.9 | 195.3 | 145.9 | 184.7 | 62.3 | 34.9 | 36.3 | 38.4 |
| 55,0° | 345.8 | 301.7 | 327.3 | 339.4 | 353.7 | 357.9 | 190.7 | 166.2 | 163.0 | 48.7 | 32.0 | 37.0 | 35.6 |
| 57,5° | 312.4 | 274.0 | 292.8 | 307.4 | 324.8 | 330.9 | 182.5 | 150.5 | 115.6 | 43.8 | 29.9 | 33.8 | 32.0 |
| 60,0° | 279.7 | 242.3 | 242.3 | 261.2 | 282.9 | 289.6 | 149.4 | 159.0 | 73.3 | 43.4 | 30.6 | 30.6 | 28.8 |
| 62,5° | 239.4 | 200.3 | 196.8 | 203.9 | 222.4 | 236.2 | 141.3 | 119.2 | 54.1 | 38.4 | 31.3 | 28.5 | 25.6 |
| 65,0° | 199.6 | 160.1 | 150.5 | 150.1 | 161.2 | 166.5 | 98.2 | 97.1 | 55.9 | 39.8 | 32.7 | 28.5 | 24.2 |
| 67,5° | 164.4 | 120.3 | 107.5 | 105.7 | 109.6 | 107.5 | 103.5 | 80.1 | 65.5 | 48.4 | 35.6 | 28.8 | 23.1 |
| 70,0° | 134.1 | 90.4 | 64.4 | 64.4 | 65.8 | 67.6 | 104.2 | 88.2 | 70.1 | 46.6 | 33.8 | 26.7 | 22.1 |
| 72,5° | 102.8 | 71.5 | 44.5 | 39.5 | 38.4 | 39.8 | 124.5 | 88.6 | 61.6 | 40.2 | 35.6 | 26.7 | 21.3 |
| 75,0° | 76.5 | 42.0 | 31.7 | 27.8 | 26.3 | 26.3 | 80.8 | 69.7 | 52.3 | 39.8 | 37.0 | 27.0 | 21.7 |
| 77,5° | 57.6 | 27.8 | 23.1 | 21.0 | 19.9 | 19.9 | 71.5 | 51.9 | 40.9 | 37.4 | 31.3 | 25.6 | 21.0 |
| 80,0° | 21.0 | 17.4 | 16.7 | 16.0 | 16.4 | 16.4 | 48.7 | 41.3 | 33.1 | 34.2 | 28.5 | 25.3 | 20.6 |
| 82,5° | 14.2 | 13.2 | 13.2 | 12.8 | 13.5 | 13.5 | 31.0 | 28.8 | 24.2 | 24.5 | 23.1 | 19.9 | 16.7 |
| 85,0° | 12.1 | 11.7 | 11.7 | 11.7 | 12.1 | 12.1 | 16.4 | 16.0 | 19.9 | 21.7 | 19.2 | 16.7 | 13.9 |
| 87,5° | 10.7 | 10.7 | 10.7 | 10.7 | 11.4 | 11.4 | 12.5 | 11.7 | 13.2 | 14.2 | 12.1 | 11.7 | 11.0 |
| 90,0° | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 8.2 | 7.8 | 7.8 | 7.1 | 7.1 | 6.8 | 6.4 |
| 92,5° | 9.3 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 7.8 | 7.8 | 7.8 | 7.1 | 7.1 | 7.1 | 6.8 |
| 95,0° | 9.3 | 9.3 | 9.6 | 10.0 | 10.0 | 10.0 | 7.8 | 7.8 | 7.8 | 7.1 | 7.1 | 7.1 | 6.8 |
| 97,5° | 9.3 | 9.3 | 9.3 | 9.3 | 9.6 | 10.0 | 7.8 | 7.8 | 7.5 | 7.1 | 7.1 | 7.1 | 6.8 |
| 100,0° | 8.9 | 8.9 | 8.9 | 9.3 | 9.3 | 9.3 | 7.5 | 7.1 | 7.1 | 7.1 | 6.8 | 6.4 | 6.4 |
| 102,5° | 8.5 | 8.5 | 8.5 | 8.5 | 8.9 | 8.5 | 7.1 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 5.7 |
| 105,0° | 7.8 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 6.4 | 6.4 | 6.4 | 6.0 | 5.7 | 5.7 | 5.7 |
| 107,5° | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.1 | 6.0 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 |
| 110,0° | 7.1 | 7.1 | 7.5 | 7.1 | 7.5 | 7.1 | 5.7 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 112,5° | 6.8 | 7.1 | 7.1 | 7.1 | 6.8 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.3 |

Photometric test report

| | | |
|-------------------------------------------------|----------------------------------------------------------------|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
| 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° | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 0.0 | 0.0 |
| 2,5° | 23.8 | 23.1 | 22.4 | 22.4 | 21.7 | 21.7 | 21.7 | 21.3 | 21.3 | 21.0 | 21.3 | 0.3 | 0.4 |
| 5,0° | 24.5 | 24.2 | 23.1 | 22.4 | 22.1 | 21.7 | 21.7 | 21.3 | 21.3 | 21.0 | 21.3 | 0.8 | 1.1 |
| 7,5° | 24.2 | 23.5 | 22.4 | 21.7 | 21.7 | 21.3 | 21.3 | 21.3 | 21.0 | 21.0 | 20.6 | 1.6 | 2.7 |
| 10,0° | 24.9 | 23.5 | 22.8 | 21.7 | 21.0 | 21.0 | 20.6 | 20.6 | 20.3 | 20.3 | 19.9 | 3.0 | 5.7 |
| 12,5° | 39.8 | 39.8 | 31.0 | 24.9 | 22.1 | 21.3 | 20.3 | 19.9 | 19.6 | 19.6 | 19.2 | 5.2 | 11.0 |
| 15,0° | 54.4 | 43.4 | 47.0 | 51.2 | 42.3 | 32.0 | 23.5 | 21.7 | 21.0 | 20.3 | 19.9 | 7.9 | 18.9 |
| 17,5° | 64.4 | 53.4 | 45.2 | 41.6 | 37.7 | 35.6 | 39.5 | 34.2 | 29.2 | 23.8 | 20.6 | 10.7 | 29.6 |
| 20,0° | 59.8 | 51.2 | 43.1 | 43.1 | 42.7 | 39.8 | 36.6 | 32.0 | 26.3 | 31.7 | 37.7 | 12.8 | 42.4 |
| 22,5° | 56.2 | 43.1 | 40.2 | 39.1 | 39.5 | 38.1 | 38.4 | 37.0 | 31.7 | 36.3 | 41.3 | 14.7 | 57.2 |
| 25,0° | 59.8 | 42.0 | 37.7 | 37.7 | 38.1 | 39.1 | 44.1 | 43.4 | 34.9 | 42.7 | 47.0 | 16.9 | 74.1 |
| 27,5° | 51.6 | 43.4 | 39.8 | 39.8 | 39.8 | 41.3 | 42.7 | 40.2 | 35.9 | 38.4 | 40.6 | 18.7 | 92.8 |
| 30,0° | 48.0 | 45.9 | 42.3 | 40.9 | 40.6 | 39.8 | 41.6 | 40.2 | 33.1 | 35.6 | 37.0 | 20.6 | 113.4 |
| 32,5° | 48.0 | 51.6 | 51.2 | 49.5 | 45.5 | 41.3 | 39.1 | 36.3 | 30.6 | 31.7 | 33.4 | 19.5 | 132.8 |
| 35,0° | 42.0 | 47.7 | 49.5 | 51.2 | 48.7 | 45.5 | 41.3 | 37.4 | 29.9 | 29.5 | 31.3 | 16.7 | 149.5 |
| 37,5° | 28.8 | 38.1 | 44.1 | 49.1 | 48.7 | 45.9 | 43.1 | 39.5 | 31.0 | 29.9 | 32.7 | 21.5 | 171.0 |
| 40,0° | 26.0 | 26.0 | 31.0 | 37.7 | 43.1 | 43.1 | 43.4 | 40.2 | 33.8 | 36.3 | 41.3 | 29.0 | 200.0 |
| 42,5° | 34.5 | 28.1 | 24.9 | 24.2 | 29.2 | 34.2 | 37.7 | 37.0 | 35.6 | 38.8 | 41.3 | 36.3 | 236.3 |
| 45,0° | 41.3 | 35.2 | 30.2 | 26.0 | 25.6 | 24.9 | 26.0 | 28.5 | 29.5 | 31.3 | 33.4 | 42.9 | 279.2 |
| 47,5° | 41.6 | 35.2 | 31.3 | 28.8 | 27.8 | 24.2 | 22.8 | 22.4 | 21.7 | 23.1 | 24.2 | 48.0 | 327.2 |
| 50,0° | 38.8 | 34.5 | 30.2 | 27.8 | 25.6 | 24.9 | 22.8 | 21.0 | 18.9 | 18.9 | 19.2 | 52.3 | 379.4 |
| 52,5° | 35.6 | 32.0 | 29.2 | 26.7 | 25.3 | 22.8 | 21.3 | 20.3 | 19.2 | 19.6 | 20.6 | 55.4 | 434.8 |
| 55,0° | 32.4 | 28.8 | 26.7 | 24.5 | 23.8 | 22.8 | 21.3 | 19.6 | 17.4 | 18.1 | 19.2 | 58.6 | 493.4 |
| 57,5° | 29.2 | 26.3 | 23.8 | 22.4 | 22.1 | 21.3 | 20.3 | 18.5 | 17.1 | 17.4 | 17.8 | 61.1 | 554.5 |
| 60,0° | 26.0 | 23.5 | 21.3 | 20.3 | 20.3 | 19.6 | 18.5 | 17.1 | 16.7 | 17.4 | 17.1 | 61.7 | 616.2 |
| 62,5° | 23.1 | 21.0 | 19.6 | 18.9 | 18.5 | 18.1 | 17.1 | 15.3 | 15.7 | 16.0 | 16.4 | 59.9 | 676.0 |
| 65,0° | 21.3 | 19.2 | 18.1 | 17.4 | 17.1 | 16.4 | 15.7 | 14.2 | 14.9 | 14.9 | 14.2 | 56.4 | 732.4 |
| 67,5° | 20.3 | 18.5 | 17.4 | 16.7 | 16.0 | 14.9 | 14.2 | 13.5 | 13.9 | 13.5 | 13.5 | 54.1 | 786.5 |
| 70,0° | 19.2 | 17.4 | 16.0 | 15.3 | 14.2 | 13.5 | 12.8 | 12.1 | 12.8 | 12.1 | 12.1 | 50.3 | 836.9 |
| 72,5° | 18.5 | 16.0 | 14.6 | 13.9 | 12.8 | 12.1 | 11.4 | 11.0 | 11.0 | 10.7 | 10.7 | 46.1 | 883.0 |
| 75,0° | 17.8 | 15.3 | 13.2 | 12.1 | 11.4 | 10.7 | 10.0 | 9.6 | 10.0 | 9.6 | 9.3 | 36.8 | 919.8 |
| 77,5° | 17.1 | 14.2 | 11.7 | 11.0 | 10.3 | 9.6 | 8.9 | 8.5 | 8.5 | 8.5 | 8.5 | 24.9 | 944.7 |
| 80,0° | 16.4 | 13.5 | 11.0 | 9.6 | 8.9 | 8.2 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 13.4 | 958.1 |
| 82,5° | 14.6 | 11.7 | 9.6 | 8.2 | 7.5 | 6.8 | 6.0 | 5.7 | 5.7 | 5.0 | 5.0 | 7.9 | 966.0 |
| 85,0° | 11.4 | 9.6 | 8.2 | 7.1 | 6.0 | 5.7 | 5.0 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 970.3 |
| 87,5° | 9.3 | 7.8 | 6.8 | 6.0 | 5.3 | 5.0 | 4.3 | 4.3 | 4.3 | 3.6 | 3.6 | 3.0 | 973.3 |
| 90,0° | 6.4 | 6.0 | 5.7 | 5.0 | 5.0 | 4.6 | 4.3 | 4.3 | 3.9 | 3.9 | 3.6 | 2.2 | 975.5 |
| 92,5° | 6.4 | 6.4 | 6.0 | 5.7 | 5.3 | 5.3 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 2.2 | 977.7 |
| 95,0° | 6.4 | 6.4 | 6.0 | 5.7 | 5.7 | 5.3 | 5.0 | 5.0 | 4.6 | 4.3 | 5.0 | 2.2 | 979.9 |
| 97,5° | 6.4 | 6.0 | 6.4 | 6.0 | 5.7 | 5.3 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 2.1 | 982.0 |
| 100,0° | 6.0 | 6.4 | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 2.0 | 984.0 |
| 102,5° | 5.7 | 5.7 | 5.7 | 5.0 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 3.9 | 4.3 | 1.9 | 985.9 |
| 105,0° | 5.3 | 5.0 | 5.0 | 5.0 | 5.0 | 4.3 | 4.3 | 3.9 | 3.6 | 3.6 | 3.6 | 1.7 | 987.6 |
| 107,5° | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 3.9 | 3.6 | 3.6 | 2.8 | 2.8 | 2.8 | 1.6 | 989.1 |
| 110,0° | 4.6 | 4.3 | 4.3 | 4.3 | 3.9 | 3.6 | 3.6 | 2.8 | 2.8 | 2.8 | 2.8 | 1.5 | 990.6 |
| 112,5° | 4.3 | 4.3 | 4.3 | 3.9 | 3.6 | 3.6 | 3.2 | 2.8 | 2.8 | 2.8 | 2.1 | 1.3 | 991.9 |

Photometric test report

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| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
|---------------------------------------------|----------------------------------------------------------------|-------------------------------------|

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|-------------------------------------------------|-----------------------------------|---------------|
| 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 | | | | | | | | | | | | |
| 115,0° | 5.7 | 5.7 | 5.7 | 5.7 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| 117,5° | 6.0 | 8.2 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 6.0 | 5.7 | 5.7 | 6.0 | 6.4 | 6.4 |
| 120,0° | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.3 | 5.3 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 |
| 122,5° | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.3 | 5.0 | 5.0 | 5.0 | 5.3 | 5.7 | 5.7 |
| 125,0° | 4.6 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.6 |
| 127,5° | 2.8 | 3.2 | 3.2 | 3.2 | 2.8 | 3.6 | 3.2 | 3.6 | 3.2 | 3.6 | 3.6 | 3.6 | 3.6 |
| 130,0° | 2.5 | 2.8 | 2.5 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.5 |
| 132,5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 135,0° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.8 | 1.8 | 2.1 | 2.1 | 1.8 | 2.1 | 2.1 |
| 137,5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 140,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 142,5° | 1.4 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 145,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| 147,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 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 LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
| | | 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 | 6.8 | 7.1 | 5.7 | 2.8 | 5.0 | 5.0 | 5.0 | 4.6 | 4.3 | 4.3 | 4.3 |
| 117,5° | 6.4 | 6.4 | 6.4 | 6.4 | 5.0 | 2.8 | 5.0 | 5.0 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| 120,0° | 5.7 | 5.7 | 5.7 | 5.7 | 4.3 | 2.1 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 3.6 |
| 122,5° | 5.7 | 5.7 | 5.7 | 5.7 | 3.6 | 1.4 | 4.3 | 4.3 | 4.3 | 3.9 | 3.6 | 3.6 | 3.6 |
| 125,0° | 5.0 | 5.0 | 5.0 | 5.0 | 2.8 | 1.4 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 |
| 127,5° | 3.6 | 3.6 | 3.6 | 3.6 | 2.1 | 1.4 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| 130,0° | 2.5 | 2.5 | 2.1 | 2.1 | 1.4 | 1.4 | 2.5 | 2.1 | 2.8 | 2.1 | 2.1 | 2.1 | 2.1 |
| 132,5° | 2.1 | 2.1 | 2.1 | 2.1 | 1.4 | 0.7 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 135,0° | 2.1 | 2.1 | 1.8 | 1.4 | 1.1 | 0.7 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 137,5° | 1.4 | 1.4 | 1.4 | 1.4 | 0.7 | 0.7 | 1.8 | 1.8 | 1.8 | 1.4 | 1.8 | 1.8 | 2.1 |
| 140,0° | 1.1 | 1.4 | 1.4 | 0.7 | 0.7 | 0.7 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 142,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.4 | 1.1 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| 145,0° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.4 | 0.7 | 1.4 |
| 147,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 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 |
| 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° | 4.3 | 4.3 | 4.3 | 3.9 | 3.6 | 3.6 | 3.2 | 2.8 | 2.8 | 2.5 | 2.1 | 1.3 | 993.2 |
| 117,5° | 4.3 | 4.3 | 3.6 | 3.6 | 3.6 | 3.6 | 2.8 | 2.8 | 2.8 | 2.1 | 2.1 | 1.2 | 994.4 |
| 120,0° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 2.8 | 2.8 | 2.8 | 2.1 | 2.1 | 2.1 | 1.0 | 995.4 |
| 122,5° | 3.6 | 3.6 | 3.6 | 3.6 | 3.2 | 2.8 | 2.8 | 2.8 | 2.1 | 1.8 | 1.4 | 1.0 | 996.4 |
| 125,0° | 3.6 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.5 | 2.1 | 2.1 | 1.8 | 1.4 | 0.8 | 997.2 |
| 127,5° | 2.8 | 2.8 | 2.8 | 2.8 | 2.5 | 2.5 | 2.1 | 2.1 | 1.8 | 1.4 | 1.4 | 0.6 | 997.9 |
| 130,0° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.4 | 1.4 | 1.4 | 0.5 | 998.3 |
| 132,5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.4 | 1.4 | 1.4 | 0.4 | 998.7 |
| 135,0° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 1.4 | 1.4 | 1.4 | 1.4 | 0.4 | 999.1 |
| 137,5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 0.3 | 999.4 |
| 140,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.1 | 1.4 | 0.7 | 0.2 | 999.6 |
| 142,5° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.1 | 1.1 | 1.1 | 0.7 | 0.7 | 0.2 | 999.8 |
| 145,0° | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.1 | 0.7 | 0.7 | 0.7 | 0.7 | 0.1 | 999.9 |
| 147,5° | 1.1 | 1.1 | 0.7 | 0.7 | 1.1 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 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 LANTERN CLASSIC LED | Order number: 5XA5245MF14H EAN: 4058352834633 | LP number 57124_34 |
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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 | 1380 | 11.8 | 12.1 | 12.0 |
| 95 | 241 | 252 | 1309 | 11.1 | 11.4 | 11.2 |
| 90 | 229 | 250 | 1244 | 10.6 | 10.8 | 10.7 |
| 85 | 216 | 248 | 1174 | 9.9 | 10.2 | 10.0 |
| 80 | 203 | 246 | 1103 | 9.3 | 9.6 | 9.4 |
| 75 | 190 | 243 | 1032 | 8.7 | 9.0 | 8.8 |
| 70 | 178 | 241 | 967 | 8.2 | 8.4 | 8.3 |
| 65 | 165 | 238 | 896 | 7.6 | 7.7 | 7.6 |
| 60 | 152 | 235 | 826 | 7.0 | 7.2 | 7.1 |
| 55 | 140 | 232 | 761 | 6.5 | 6.6 | 6.6 |
| 50 | 127 | 229 | 690 | 6.0 | 6.1 | 6.0 |
| 45 | 114 | 225 | 619 | 5.4 | 5.6 | 5.5 |
| 40 | 102 | 221 | 554 | 5.0 | 5.1 | 5.0 |
| 35 | 89 | 216 | 484 | 4.5 | 4.6 | 4.6 |
| 30 | 76 | 210 | 413 | 4.0 | 4.0 | 4.0 |
| 26 | 65 | 204 | 353 | 3.6 | 3.7 | 3.6 |