

Photometric test report

Family
LANTERN CLASSIC LED

Order number: **5XA5245MF14H + 5XA54000XS**
EAN: **4058352834633 + 4050737730073**

LP number
59105_29



Version post-top- or mounting to wall arm, spreader element, structured
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 = 1300 lm
Power consumption = 11.8 W
Luminous efficacy = 110.2 lm/W

serial
documentation
04.11.2022

siteco

Luminous intensity in cd/klm

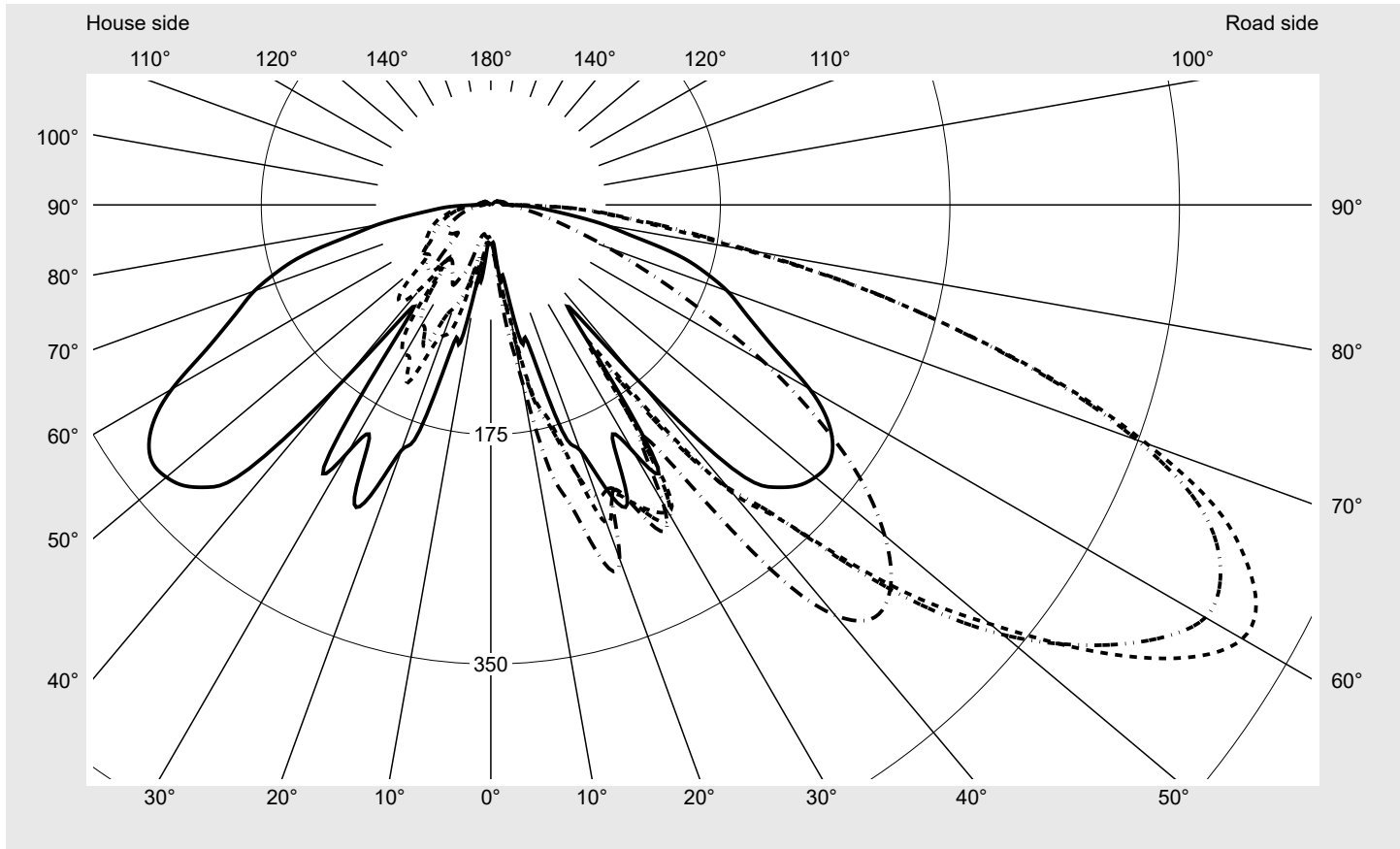
C180-0

C205-25

C210-30

C270-90

Imax: 662 cd/klm



Luminaire output ratios

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

Luminous intensity class acc. to EN13201-2

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

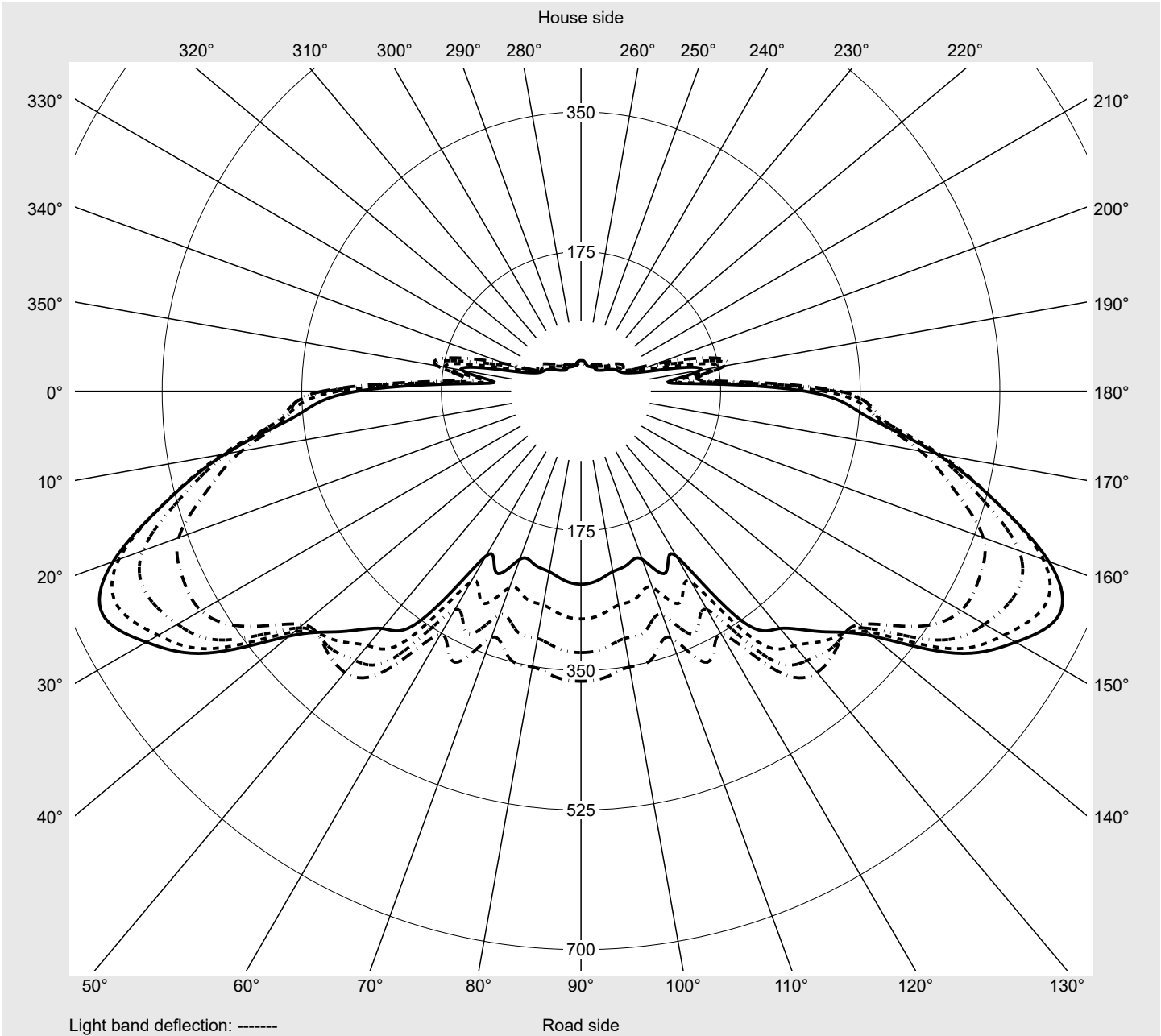
Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
|---|---|-------------------------------------|

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



Photometric test report

| | | |
|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
| 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° | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 |
| 2,5° | 29.3 | 29.3 | 29.9 | 30.2 | 30.2 | 30.9 | 31.2 | 31.8 | 32.8 | 33.7 | 34.7 | 35.0 | 35.6 |
| 5,0° | 34.3 | 35.9 | 37.2 | 38.1 | 40.0 | 41.9 | 43.8 | 45.4 | 46.0 | 46.6 | 46.6 | 46.6 | 47.9 |
| 7,5° | 59.2 | 62.4 | 63.6 | 63.0 | 63.3 | 64.6 | 66.8 | 69.6 | 72.5 | 73.1 | 72.8 | 70.3 | 67.4 |
| 10,0° | 57.6 | 62.4 | 69.9 | 80.0 | 92.9 | 95.8 | 102.4 | 109.3 | 118.4 | 126.6 | 128.2 | 122.5 | 112.5 |
| 12,5° | 107.4 | 107.7 | 114.7 | 127.6 | 141.8 | 148.7 | 152.8 | 159.1 | 160.3 | 155.6 | 155.6 | 145.9 | 143.0 |
| 15,0° | 108.4 | 133.3 | 157.5 | 178.0 | 175.8 | 168.5 | 174.8 | 189.3 | 202.6 | 209.2 | 206.7 | 197.8 | 185.2 |
| 17,5° | 180.2 | 187.4 | 186.2 | 203.2 | 218.3 | 211.4 | 211.7 | 222.7 | 227.4 | 230.6 | 232.5 | 223.0 | 211.1 |
| 20,0° | 199.1 | 214.5 | 225.9 | 240.7 | 253.6 | 258.6 | 236.9 | 232.2 | 235.6 | 226.2 | 237.8 | 223.4 | 209.2 |
| 22,5° | 240.0 | 252.0 | 254.2 | 256.1 | 255.5 | 241.6 | 234.1 | 224.3 | 236.3 | 224.0 | 244.1 | 233.7 | 217.1 |
| 25,0° | 246.0 | 250.1 | 244.8 | 247.6 | 251.7 | 248.6 | 245.7 | 232.5 | 255.8 | 244.5 | 270.0 | 264.9 | 240.0 |
| 27,5° | 200.7 | 212.0 | 228.1 | 244.5 | 253.9 | 262.4 | 269.3 | 249.8 | 276.9 | 256.1 | 284.5 | 272.8 | 243.5 |
| 30,0° | 217.4 | 244.5 | 257.1 | 267.1 | 269.3 | 270.3 | 273.4 | 251.1 | 279.4 | 253.9 | 279.4 | 259.9 | 228.4 |
| 32,5° | 236.9 | 253.6 | 256.4 | 252.0 | 245.4 | 235.6 | 225.2 | 185.5 | 222.1 | 199.1 | 234.4 | 234.7 | 222.1 |
| 35,0° | 144.0 | 124.4 | 109.0 | 102.4 | 111.5 | 127.0 | 144.3 | 130.1 | 188.1 | 172.0 | 214.8 | 222.7 | 230.9 |
| 37,5° | 98.0 | 108.7 | 125.1 | 147.1 | 173.9 | 199.7 | 217.7 | 208.5 | 242.6 | 224.9 | 274.1 | 260.2 | 250.1 |
| 40,0° | 174.2 | 196.3 | 222.4 | 254.5 | 278.2 | 286.4 | 281.6 | 274.1 | 293.6 | 296.1 | 327.0 | 301.5 | 281.9 |
| 42,5° | 272.5 | 289.5 | 311.2 | 332.4 | 331.4 | 323.5 | 321.3 | 321.0 | 348.1 | 364.5 | 385.3 | 363.2 | 339.0 |
| 45,0° | 304.3 | 330.5 | 353.8 | 372.0 | 380.2 | 383.4 | 390.9 | 376.8 | 411.4 | 416.1 | 445.1 | 422.4 | 388.1 |
| 47,5° | 316.9 | 350.0 | 387.2 | 412.7 | 436.0 | 445.4 | 457.7 | 427.2 | 444.8 | 435.7 | 463.1 | 441.0 | 396.0 |
| 50,0° | 322.9 | 363.2 | 417.4 | 453.6 | 484.2 | 497.1 | 509.7 | 472.9 | 453.3 | 448.9 | 469.4 | 442.6 | 380.9 |
| 52,5° | 324.5 | 369.8 | 432.2 | 486.1 | 536.5 | 551.3 | 550.0 | 513.8 | 454.9 | 453.9 | 460.2 | 427.8 | 351.9 |
| 55,0° | 318.2 | 376.8 | 450.2 | 520.1 | 584.4 | 601.1 | 584.1 | 543.7 | 461.5 | 450.2 | 440.7 | 407.3 | 316.3 |
| 57,5° | 304.0 | 373.3 | 457.1 | 540.0 | 616.5 | 640.1 | 611.8 | 562.3 | 469.1 | 440.1 | 416.1 | 380.9 | 276.3 |
| 60,0° | 280.7 | 358.8 | 453.0 | 539.3 | 624.1 | 661.5 | 629.1 | 572.4 | 477.6 | 426.2 | 388.1 | 351.6 | 238.8 |
| 62,5° | 249.5 | 335.8 | 430.6 | 518.5 | 605.8 | 657.8 | 626.6 | 566.1 | 476.6 | 408.6 | 361.3 | 321.3 | 200.7 |
| 65,0° | 225.6 | 308.1 | 402.6 | 481.7 | 569.9 | 633.8 | 610.5 | 547.5 | 464.3 | 384.0 | 333.9 | 289.8 | 171.7 |
| 67,5° | 207.3 | 291.7 | 376.8 | 445.8 | 526.1 | 595.7 | 578.7 | 513.5 | 436.9 | 356.0 | 304.9 | 259.9 | 143.0 |
| 70,0° | 191.8 | 270.3 | 345.0 | 398.5 | 464.7 | 532.1 | 524.2 | 461.5 | 392.2 | 317.2 | 272.2 | 227.1 | 129.8 |
| 72,5° | 171.4 | 243.8 | 307.1 | 352.8 | 407.6 | 458.0 | 453.3 | 398.2 | 335.8 | 268.1 | 229.3 | 198.8 | 103.3 |
| 75,0° | 147.1 | 205.7 | 255.2 | 293.0 | 331.7 | 368.9 | 367.9 | 325.7 | 273.1 | 217.7 | 188.4 | 165.7 | 88.5 |
| 77,5° | 111.8 | 158.8 | 196.3 | 226.5 | 256.4 | 283.8 | 285.7 | 252.6 | 212.0 | 170.4 | 150.9 | 140.8 | 79.4 |
| 80,0° | 88.8 | 119.1 | 144.0 | 163.5 | 180.5 | 195.6 | 201.9 | 184.0 | 157.8 | 130.4 | 113.1 | 108.7 | 60.8 |
| 82,5° | 63.3 | 84.4 | 102.4 | 115.6 | 127.0 | 135.5 | 144.6 | 136.1 | 119.7 | 98.0 | 81.0 | 76.9 | 43.2 |
| 85,0° | 44.4 | 57.0 | 69.0 | 78.4 | 86.0 | 93.9 | 98.0 | 95.8 | 85.4 | 69.3 | 57.3 | 52.9 | 33.7 |
| 87,5° | 30.9 | 40.3 | 47.6 | 54.8 | 59.2 | 62.4 | 66.5 | 66.2 | 58.9 | 49.5 | 41.9 | 39.4 | 27.1 |
| 90,0° | 11.7 | 12.6 | 14.2 | 15.1 | 16.1 | 17.0 | 18.9 | 19.8 | 20.2 | 19.2 | 18.9 | 19.8 | 16.1 |
| 92,5° | 9.8 | 10.1 | 10.7 | 11.3 | 12.0 | 12.0 | 12.0 | 12.0 | 11.7 | 11.7 | 11.7 | 11.7 | 10.7 |
| 95,0° | 9.1 | 10.1 | 10.1 | 10.7 | 11.3 | 11.3 | 11.3 | 11.0 | 11.3 | 11.0 | 11.0 | 10.7 | 10.4 |
| 97,5° | 8.8 | 9.5 | 10.1 | 10.1 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.4 | 10.4 | 10.1 |
| 100,0° | 8.2 | 8.8 | 9.5 | 9.5 | 9.8 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 9.8 | 9.8 | 9.5 |
| 102,5° | 7.9 | 8.2 | 8.8 | 8.8 | 8.8 | 9.5 | 9.5 | 9.5 | 9.1 | 9.1 | 9.1 | 9.1 | 8.8 |
| 105,0° | 7.2 | 7.6 | 8.2 | 8.2 | 8.2 | 8.2 | 8.8 | 8.5 | 8.5 | 8.5 | 8.5 | 8.8 | 8.8 |
| 107,5° | 6.6 | 6.9 | 7.2 | 7.6 | 7.6 | 7.9 | 8.2 | 8.2 | 7.9 | 7.9 | 8.2 | 8.2 | 8.2 |
| 110,0° | 6.3 | 6.3 | 6.9 | 6.9 | 7.6 | 7.6 | 7.6 | 7.6 | 7.2 | 7.6 | 7.6 | 7.6 | 7.6 |
| 112,5° | 5.7 | 6.3 | 6.3 | 6.9 | 6.9 | 6.9 | 7.2 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |

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| | | |
|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
| Table of values for luminous intensities | | Maximum luminous intensity |

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

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

Photometric test report

| | | |
|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
| 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 | 6.3 | 6.3 | 6.6 | 6.6 | 6.9 | 6.6 | 6.6 | 6.6 | 6.6 | 6.9 | 6.9 |
| 117,5° | 5.0 | 5.7 | 5.7 | 5.7 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 120,0° | 5.0 | 5.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.0 | 5.7 | 5.7 | 5.7 | 6.0 | 6.3 | 6.3 |
| 122,5° | 5.0 | 5.0 | 5.4 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 6.0 |
| 125,0° | 3.8 | 4.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.7 | 4.7 |
| 127,5° | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 130,0° | 2.2 | 2.2 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 132,5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 135,0° | 1.9 | 1.9 | 1.9 | 1.6 | 1.9 | 1.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 137,5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 140,0° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.9 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 |
| 142,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 145,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 147,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 150,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

| | | |
|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
| 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 | | | | | | | | | | | | |
| 115,0° | 6.9 | 6.9 | 7.6 | 7.6 | 6.0 | 2.5 | 5.0 | 5.0 | 5.0 | 4.7 | 4.7 | 4.7 | 4.4 |
| 117,5° | 6.9 | 6.9 | 6.9 | 6.9 | 5.0 | 2.5 | 5.0 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 120,0° | 6.3 | 6.3 | 6.3 | 6.3 | 4.4 | 1.9 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 122,5° | 6.3 | 6.3 | 6.3 | 6.3 | 3.8 | 1.9 | 4.7 | 4.4 | 4.4 | 4.4 | 4.1 | 4.4 | 3.8 |
| 125,0° | 5.0 | 5.0 | 5.0 | 5.0 | 3.2 | 1.9 | 3.8 | 3.8 | 3.8 | 3.2 | 3.2 | 3.2 | 3.2 |
| 127,5° | 3.2 | 3.2 | 3.2 | 3.2 | 1.9 | 1.3 | 2.8 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 130,0° | 1.9 | 1.9 | 2.2 | 1.9 | 1.3 | 0.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.2 |
| 132,5° | 1.9 | 1.9 | 1.9 | 1.6 | 1.3 | 0.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 135,0° | 1.3 | 1.3 | 1.3 | 1.3 | 0.6 | 0.6 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 137,5° | 1.3 | 1.3 | 1.3 | 1.3 | 0.6 | 0.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.6 |
| 140,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 142,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 | 0.9 | 1.3 | 0.9 |
| 145,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 147,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 150,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Photometric test report

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|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
| 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 | |
| 115,0° | 4.4 | 4.4 | 3.8 | 3.8 | 3.8 | 3.8 | 3.2 | 3.2 | 3.2 | 2.5 | 1.9 | 1.3 | 993.3 |
| 117,5° | 4.4 | 4.1 | 3.8 | 3.8 | 3.8 | 3.2 | 3.2 | 3.2 | 3.2 | 2.5 | 1.9 | 1.2 | 994.6 |
| 120,0° | 4.4 | 3.8 | 3.8 | 3.8 | 3.8 | 3.2 | 3.2 | 3.2 | 2.8 | 2.2 | 1.9 | 1.1 | 995.7 |
| 122,5° | 3.8 | 3.8 | 3.8 | 3.8 | 3.2 | 3.2 | 3.2 | 3.2 | 2.5 | 1.9 | 1.9 | 1.1 | 996.8 |
| 125,0° | 3.2 | 3.2 | 3.2 | 3.2 | 2.8 | 2.5 | 2.5 | 2.5 | 2.5 | 1.9 | 1.9 | 0.8 | 997.6 |
| 127,5° | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 1.9 | 1.9 | 1.6 | 1.3 | 0.6 | 998.2 |
| 130,0° | 2.2 | 1.9 | 2.5 | 2.2 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.3 | 1.3 | 0.4 | 998.6 |
| 132,5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.6 | 1.3 | 1.3 | 0.4 | 998.9 |
| 135,0° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.3 | 1.3 | 1.3 | 0.3 | 999.2 |
| 137,5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.6 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.2 | 999.5 |
| 140,0° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.6 | 1.3 | 0.2 | 999.7 |
| 142,5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.9 | 0.6 | 0.6 | 0.1 | 999.8 |
| 145,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.1 | 999.9 |
| 147,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 | 0.9 | 0.6 | 0.9 | 0.6 | 0.6 | 0.6 | 0.1 | 1000.0 |
| 150,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 152,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 155,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 157,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 160,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 162,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 167,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 170,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 172,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 175,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 177,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 180,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |

Photometric test report

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|---|---|-------------------------------------|
| Family LANTERN CLASSIC LED | Order number: 5XA5245MF14H + 5XA54000XS EAN: 4058352834633 + 4050737730073 | LP number 59105_29 |
|---|---|-------------------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| 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 | 1300 | 11.8 | 12.1 | 12.0 |
| 95 | 241 | 252 | 1233 | 11.1 | 11.4 | 11.2 |
| 90 | 229 | 250 | 1172 | 10.6 | 10.8 | 10.7 |
| 85 | 216 | 248 | 1106 | 9.9 | 10.2 | 10.0 |
| 80 | 203 | 246 | 1039 | 9.3 | 9.6 | 9.4 |
| 75 | 190 | 243 | 972 | 8.7 | 9.0 | 8.8 |
| 70 | 178 | 241 | 911 | 8.2 | 8.4 | 8.3 |
| 65 | 165 | 238 | 844 | 7.6 | 7.7 | 7.6 |
| 60 | 152 | 235 | 778 | 7.0 | 7.2 | 7.1 |
| 55 | 140 | 232 | 717 | 6.5 | 6.6 | 6.6 |
| 50 | 127 | 229 | 650 | 6.0 | 6.1 | 6.0 |
| 45 | 114 | 225 | 583 | 5.4 | 5.6 | 5.5 |
| 40 | 102 | 221 | 522 | 5.0 | 5.1 | 5.0 |
| 35 | 89 | 216 | 456 | 4.5 | 4.6 | 4.6 |
| 30 | 76 | 210 | 389 | 4.0 | 4.0 | 4.0 |
| 26 | 65 | 204 | 333 | 3.6 | 3.7 | 3.6 |