

Photometric test report

Family
Floodlight 20 midi LED

Order number: 5XA7682D2D1AC
EAN: 4058352222768

LP number
58577_5



Version mounting bracket
Optic asymmetric distribution PL52
Cover toughened safety glass
Lamps 1 x LED 4000K / CRI ≥ 70
(unbekannt LED 4000K / CRI = 70)
Controlgear ECG-DALI
Rated values Net luminous flux = 17990 lm
Power consumption = 142.0 W
Luminous efficacy = 126.7 lm/W

serial
documentation
25.08.2021

siteco

Luminous intensity in cd/klm

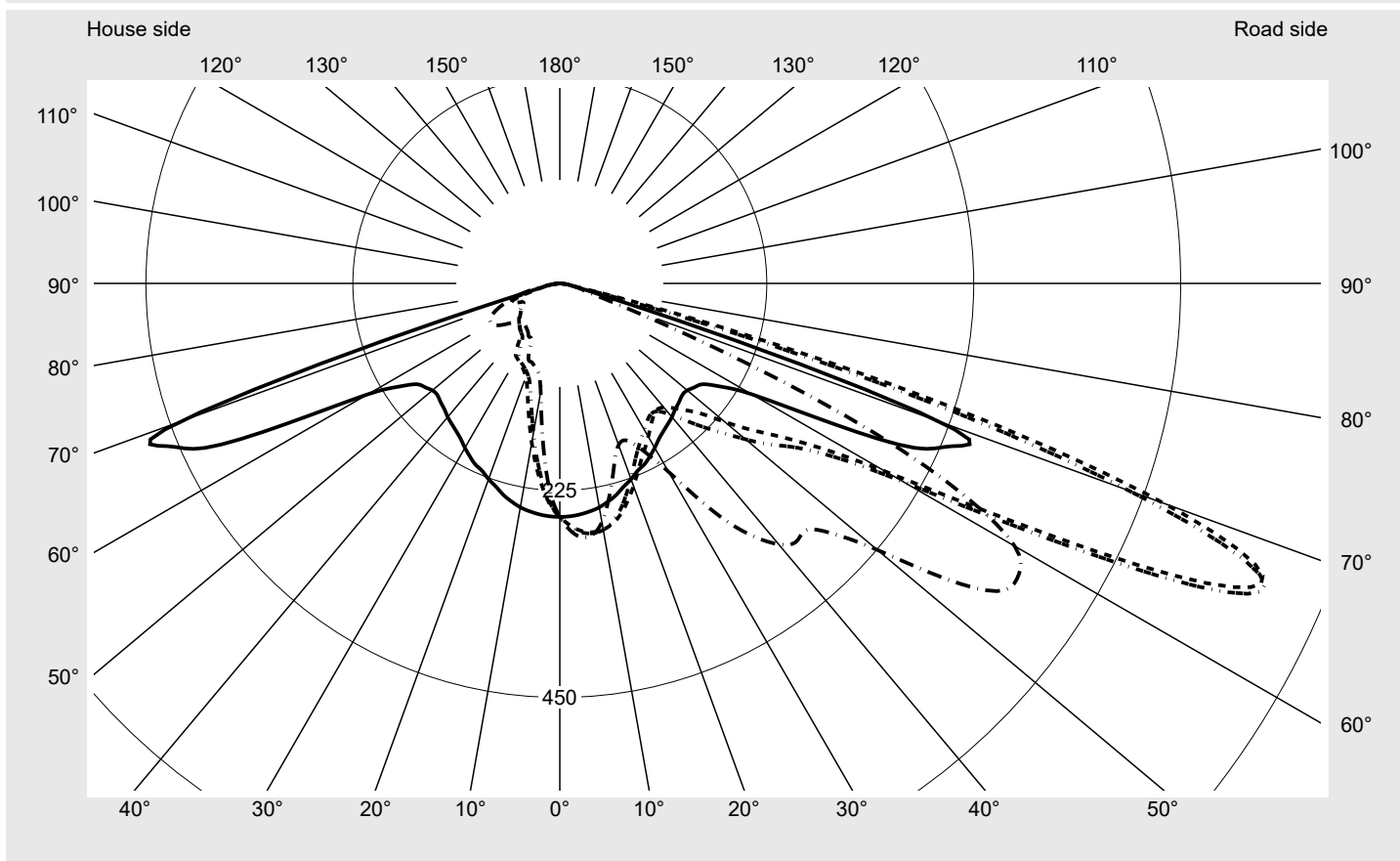
C180-0

C215-35

C220-40

C270-90

Imax: 827 cd/klm



Luminaire output ratios

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 100.0% |
| Eta 90° - 180° | 0.0% |

Luminous intensity class acc. to EN13201-2

| | |
|-----------|-------|
| Class: | G3 |
| Imax 70° | 767.0 |
| Imax 80° | 23.0 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions

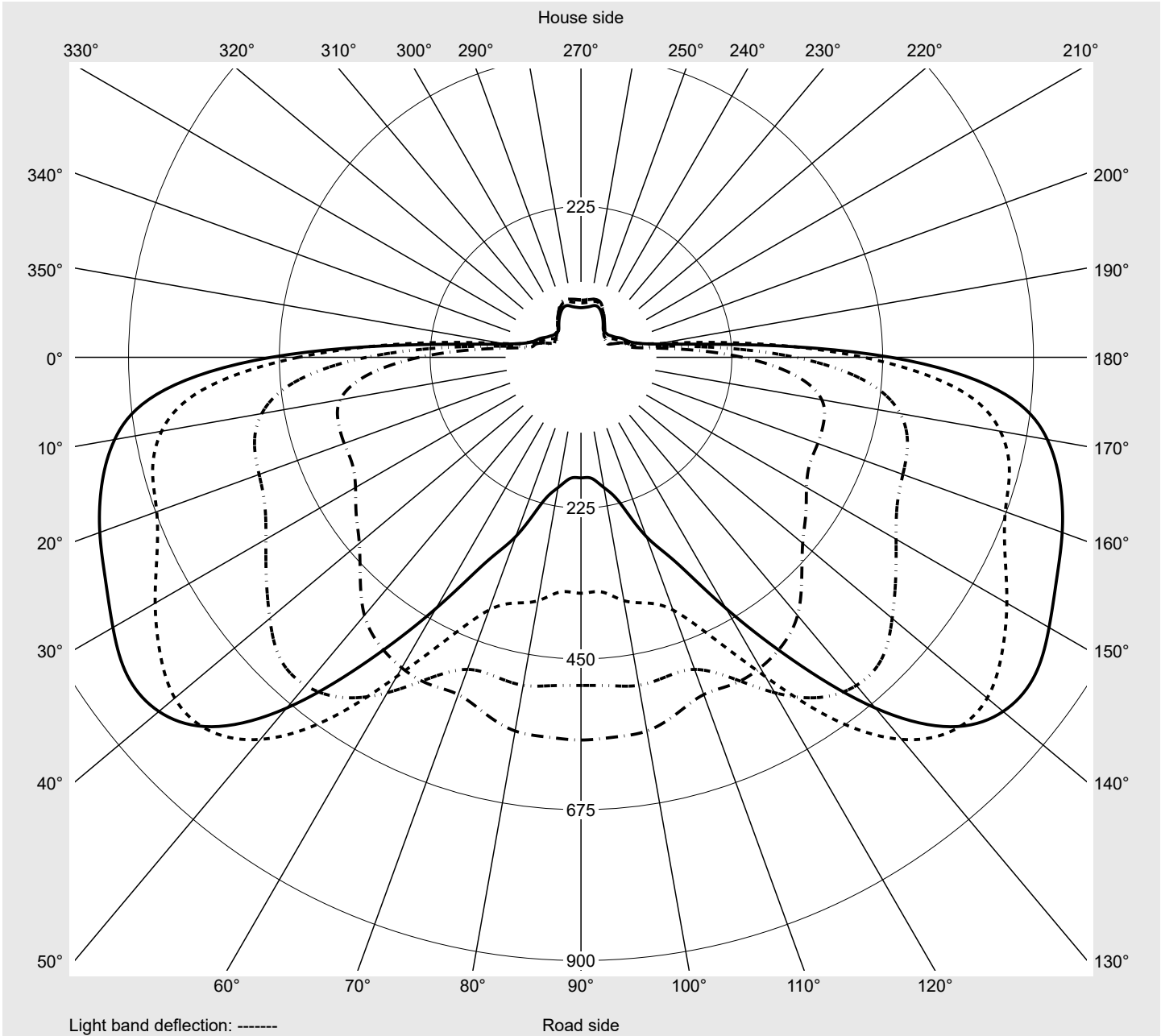
DIN EN 13032 and DIN 5032

Photometric test report

| | | |
|--|---|------------------------------------|
| Family Floodlight 20 midi LED | Order number: 5XA7682D2D1AC EAN: 4058352222768 | LP number 58577_5 |
|--|---|------------------------------------|



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



Photometric test report

| | | |
|---|---|-----------------------------------|
| Family Floodlight 20 midi LED | Order number: 5XA7682D2D1AC EAN: 4058352222768 | LP number 58577_5 |
| 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° | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 |
| 2,5° | 253.4 | 254.9 | 256.4 | 258.0 | 259.5 | 261.1 | 262.4 | 263.4 | 264.5 | 265.4 | 266.3 | 266.9 | 267.4 |
| 5,0° | 252.0 | 255.2 | 258.3 | 261.1 | 263.7 | 266.3 | 268.4 | 270.1 | 271.6 | 272.8 | 273.7 | 274.6 | 275.2 |
| 7,5° | 249.9 | 254.7 | 259.0 | 262.7 | 265.9 | 268.8 | 271.0 | 272.7 | 273.9 | 274.6 | 275.1 | 275.5 | 275.5 |
| 10,0° | 247.1 | 253.2 | 258.3 | 262.6 | 266.1 | 268.7 | 270.7 | 271.8 | 272.0 | 271.6 | 270.6 | 269.4 | 267.8 |
| 12,5° | 242.8 | 250.3 | 256.3 | 260.8 | 264.0 | 266.2 | 267.2 | 266.9 | 265.2 | 262.4 | 259.1 | 255.6 | 252.1 |
| 15,0° | 237.8 | 246.4 | 253.0 | 257.5 | 260.3 | 261.5 | 261.0 | 258.6 | 254.4 | 249.3 | 243.9 | 238.7 | 233.5 |
| 17,5° | 231.4 | 241.9 | 248.9 | 253.2 | 255.1 | 254.7 | 251.9 | 246.8 | 240.3 | 233.3 | 226.3 | 219.9 | 214.0 |
| 20,0° | 226.5 | 237.3 | 244.7 | 248.7 | 249.4 | 247.0 | 241.7 | 234.4 | 226.2 | 217.9 | 210.2 | 203.6 | 198.3 |
| 22,5° | 220.6 | 233.3 | 240.9 | 244.1 | 243.3 | 238.5 | 230.9 | 221.6 | 211.9 | 203.1 | 195.7 | 190.4 | 186.7 |
| 25,0° | 217.2 | 230.8 | 238.8 | 241.4 | 238.8 | 231.5 | 221.3 | 210.4 | 200.2 | 191.7 | 186.1 | 183.2 | 182.9 |
| 27,5° | 211.9 | 228.0 | 237.0 | 239.2 | 235.0 | 225.4 | 213.2 | 201.1 | 191.1 | 184.3 | 181.2 | 182.4 | 186.4 |
| 30,0° | 206.3 | 222.9 | 232.5 | 234.4 | 229.0 | 218.0 | 204.9 | 192.3 | 183.6 | 179.2 | 180.9 | 187.1 | 195.9 |
| 32,5° | 200.5 | 218.7 | 228.7 | 229.0 | 221.2 | 208.7 | 195.3 | 183.8 | 176.9 | 177.0 | 184.1 | 197.2 | 213.7 |
| 35,0° | 196.2 | 216.1 | 227.0 | 225.9 | 216.5 | 202.5 | 188.2 | 177.1 | 173.1 | 178.5 | 193.9 | 217.2 | 243.3 |
| 37,5° | 192.8 | 214.5 | 225.3 | 223.2 | 212.3 | 197.3 | 182.7 | 173.2 | 175.3 | 188.7 | 214.0 | 245.7 | 277.7 |
| 40,0° | 189.6 | 213.1 | 223.4 | 221.9 | 210.0 | 194.2 | 180.3 | 175.9 | 185.7 | 207.5 | 240.4 | 277.4 | 310.3 |
| 42,5° | 185.7 | 211.7 | 222.8 | 221.5 | 208.9 | 192.7 | 181.7 | 184.0 | 201.8 | 231.7 | 270.0 | 304.6 | 334.6 |
| 45,0° | 183.0 | 210.3 | 223.6 | 222.1 | 209.1 | 193.9 | 187.2 | 195.2 | 220.8 | 254.0 | 286.5 | 314.9 | 338.2 |
| 47,5° | 180.3 | 212.5 | 227.7 | 225.4 | 212.0 | 199.0 | 194.8 | 210.1 | 240.6 | 271.7 | 299.3 | 321.7 | 340.0 |
| 50,0° | 180.9 | 217.4 | 236.4 | 236.0 | 222.7 | 210.3 | 212.6 | 234.2 | 263.6 | 291.2 | 311.5 | 327.9 | 344.0 |
| 52,5° | 185.1 | 227.1 | 248.8 | 248.6 | 237.5 | 229.9 | 238.2 | 261.0 | 287.4 | 309.3 | 325.3 | 338.1 | 360.6 |
| 55,0° | 191.0 | 242.1 | 268.8 | 270.6 | 261.4 | 258.5 | 268.5 | 289.3 | 310.3 | 327.0 | 343.8 | 368.9 | 407.8 |
| 57,5° | 209.2 | 271.8 | 303.8 | 307.5 | 302.1 | 301.4 | 312.0 | 330.2 | 348.5 | 367.0 | 400.1 | 440.6 | 473.6 |
| 60,0° | 241.1 | 322.9 | 364.8 | 374.8 | 375.9 | 376.5 | 388.5 | 409.3 | 431.7 | 465.7 | 502.6 | 524.1 | 534.9 |
| 62,5° | 320.0 | 429.7 | 483.6 | 504.3 | 511.0 | 520.5 | 542.8 | 573.2 | 606.0 | 635.1 | 639.1 | 619.6 | 577.8 |
| 65,0° | 421.5 | 568.6 | 635.3 | 661.7 | 673.6 | 698.0 | 733.6 | 767.0 | 791.1 | 786.5 | 744.2 | 660.3 | 550.1 |
| 67,5° | 462.2 | 635.6 | 706.4 | 740.4 | 764.0 | 783.0 | 806.3 | 826.7 | 822.1 | 779.5 | 683.1 | 552.0 | 432.7 |
| 70,0° | 439.4 | 623.7 | 722.7 | 767.0 | 750.7 | 724.1 | 713.8 | 699.9 | 659.8 | 581.1 | 469.0 | 370.0 | 297.7 |
| 72,5° | 145.9 | 232.6 | 294.5 | 375.4 | 459.3 | 476.0 | 466.3 | 444.0 | 388.2 | 309.7 | 247.5 | 213.0 | 182.8 |
| 75,0° | 37.2 | 40.5 | 45.0 | 53.0 | 97.4 | 158.1 | 175.4 | 167.3 | 114.0 | 78.9 | 104.0 | 105.0 | 101.6 |
| 77,5° | 20.7 | 22.2 | 22.7 | 23.3 | 27.5 | 36.2 | 40.8 | 28.4 | 24.8 | 24.4 | 34.4 | 39.0 | 40.2 |
| 80,0° | 12.0 | 11.3 | 11.0 | 11.2 | 12.5 | 15.0 | 15.0 | 13.6 | 13.3 | 14.0 | 15.0 | 15.3 | 17.0 |
| 82,5° | 6.5 | 6.1 | 6.1 | 6.4 | 6.7 | 7.4 | 8.2 | 7.9 | 8.1 | 8.3 | 8.4 | 8.3 | 9.7 |
| 85,0° | 2.9 | 2.6 | 2.6 | 2.7 | 2.9 | 3.3 | 3.5 | 3.6 | 3.7 | 3.7 | 3.7 | 3.5 | 3.4 |
| 87,5° | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 90,0° | 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 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 |
| 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 |
| 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 |
| 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 Floodlight 20 midi LED | Order number: 5XA7682D2D1AC EAN: 4058352222768 | LP number 58577_5 |
| 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° | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 |
| 2,5° | 267.8 | 268.1 | 268.4 | 268.7 | 269.0 | 269.1 | 251.7 | 249.8 | 248.0 | 246.2 | 244.3 | 242.6 | 240.9 |
| 5,0° | 275.6 | 275.9 | 276.3 | 276.7 | 277.0 | 277.2 | 248.2 | 244.0 | 239.6 | 235.0 | 230.4 | 225.8 | 221.2 |
| 7,5° | 275.3 | 275.0 | 274.9 | 275.0 | 275.2 | 275.3 | 244.1 | 237.5 | 230.3 | 222.6 | 214.9 | 207.0 | 199.0 |
| 10,0° | 266.2 | 264.6 | 263.6 | 263.3 | 263.3 | 263.4 | 239.2 | 230.0 | 219.9 | 209.1 | 197.8 | 186.7 | 175.8 |
| 12,5° | 248.8 | 245.9 | 244.1 | 243.2 | 242.9 | 242.8 | 233.0 | 221.3 | 208.1 | 194.3 | 180.0 | 166.3 | 153.4 |
| 15,0° | 229.0 | 225.2 | 222.6 | 221.2 | 220.6 | 220.5 | 225.8 | 211.4 | 195.4 | 178.7 | 162.2 | 147.1 | 133.8 |
| 17,5° | 208.9 | 204.9 | 202.1 | 200.5 | 199.8 | 199.6 | 218.1 | 201.1 | 182.2 | 163.2 | 145.3 | 130.0 | 118.1 |
| 20,0° | 194.2 | 190.6 | 188.5 | 187.4 | 186.9 | 186.9 | 210.5 | 191.0 | 169.3 | 148.6 | 130.5 | 116.8 | 108.2 |
| 22,5° | 184.6 | 183.4 | 183.1 | 183.6 | 184.2 | 184.5 | 203.2 | 181.1 | 157.2 | 135.5 | 118.4 | 107.6 | 102.4 |
| 25,0° | 183.9 | 185.6 | 187.8 | 190.6 | 192.6 | 193.2 | 196.4 | 171.4 | 145.9 | 124.0 | 108.9 | 101.9 | 98.7 |
| 27,5° | 191.2 | 195.9 | 201.2 | 207.0 | 210.4 | 211.0 | 189.8 | 162.2 | 135.0 | 114.2 | 102.5 | 98.0 | 95.9 |
| 30,0° | 205.1 | 213.5 | 222.6 | 232.7 | 237.7 | 236.4 | 180.8 | 151.5 | 124.3 | 105.4 | 97.8 | 94.9 | 93.3 |
| 32,5° | 230.0 | 245.0 | 259.2 | 272.2 | 276.6 | 274.1 | 173.5 | 141.9 | 114.7 | 99.0 | 94.1 | 92.1 | 89.3 |
| 35,0° | 266.1 | 285.6 | 303.5 | 314.0 | 314.9 | 314.8 | 166.4 | 132.6 | 105.7 | 94.0 | 90.6 | 87.5 | 77.7 |
| 37,5° | 302.9 | 322.5 | 336.8 | 344.3 | 344.8 | 346.7 | 159.8 | 124.3 | 99.1 | 90.5 | 86.2 | 78.6 | 69.8 |
| 40,0° | 334.1 | 349.7 | 360.6 | 366.5 | 368.0 | 370.1 | 152.8 | 115.7 | 93.0 | 86.9 | 78.0 | 69.3 | 66.7 |
| 42,5° | 355.7 | 366.5 | 373.9 | 378.8 | 379.7 | 380.7 | 146.0 | 108.2 | 88.4 | 83.7 | 69.4 | 64.4 | 64.2 |
| 45,0° | 355.2 | 361.7 | 368.1 | 374.9 | 377.3 | 378.9 | 139.2 | 100.1 | 84.1 | 80.3 | 63.5 | 61.4 | 61.9 |
| 47,5° | 355.8 | 364.3 | 376.0 | 391.6 | 399.1 | 402.5 | 134.3 | 94.7 | 80.7 | 77.3 | 60.3 | 58.8 | 59.5 |
| 50,0° | 364.3 | 384.7 | 407.6 | 433.1 | 445.9 | 450.5 | 128.9 | 89.3 | 77.4 | 74.2 | 56.6 | 56.3 | 56.6 |
| 52,5° | 395.5 | 433.8 | 469.8 | 502.4 | 520.5 | 526.0 | 127.0 | 85.5 | 75.0 | 71.2 | 53.7 | 53.7 | 53.9 |
| 55,0° | 451.6 | 493.4 | 531.1 | 562.3 | 577.5 | 583.0 | 126.6 | 82.7 | 72.8 | 68.1 | 50.9 | 50.9 | 51.5 |
| 57,5° | 505.1 | 534.7 | 563.2 | 583.5 | 589.7 | 591.1 | 130.5 | 81.8 | 71.5 | 64.9 | 48.4 | 48.1 | 48.7 |
| 60,0° | 537.9 | 535.5 | 550.7 | 566.1 | 568.8 | 571.0 | 143.7 | 83.2 | 71.6 | 61.8 | 46.4 | 45.4 | 46.3 |
| 62,5° | 527.1 | 495.6 | 493.1 | 496.9 | 491.8 | 489.6 | 180.3 | 94.3 | 75.5 | 63.3 | 49.3 | 45.8 | 44.7 |
| 65,0° | 459.5 | 401.3 | 379.6 | 368.7 | 351.4 | 352.1 | 243.0 | 118.3 | 84.1 | 70.3 | 61.3 | 55.1 | 48.7 |
| 67,5° | 338.8 | 284.5 | 225.0 | 197.5 | 181.3 | 179.9 | 221.0 | 113.9 | 83.3 | 72.8 | 66.8 | 59.9 | 55.6 |
| 70,0° | 242.2 | 200.8 | 99.2 | 72.0 | 66.9 | 70.0 | 138.6 | 70.9 | 68.1 | 65.0 | 60.1 | 57.1 | 54.6 |
| 72,5° | 153.6 | 125.3 | 46.7 | 33.4 | 33.1 | 33.4 | 51.7 | 32.6 | 30.8 | 31.9 | 33.7 | 38.5 | 41.9 |
| 75,0° | 88.5 | 70.5 | 31.8 | 25.1 | 24.4 | 24.4 | 24.5 | 22.0 | 22.0 | 21.9 | 22.6 | 24.1 | 25.8 |
| 77,5° | 35.9 | 33.1 | 21.4 | 17.3 | 16.4 | 16.6 | 16.0 | 15.4 | 16.0 | 16.0 | 16.6 | 17.6 | 18.8 |
| 80,0° | 18.9 | 16.9 | 12.5 | 11.1 | 10.6 | 10.6 | 11.8 | 10.4 | 10.4 | 10.7 | 11.3 | 11.9 | 12.5 |
| 82,5° | 11.3 | 9.5 | 6.6 | 5.8 | 5.4 | 5.4 | 6.5 | 5.9 | 6.2 | 6.6 | 7.1 | 7.3 | 7.5 |
| 85,0° | 3.2 | 2.9 | 2.4 | 2.2 | 2.1 | 2.0 | 2.7 | 2.7 | 3.0 | 3.3 | 3.4 | 3.6 | 3.6 |
| 87,5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 |
| 90,0° | 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 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 |
| 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 |
| 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 |
| 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 Floodlight 20 midi LED | Order number: 5XA7682D2D1AC EAN: 4058352222768 | LP number 58577_5 |
| 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° | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 253.8 | 0.4 | 0.4 |
| 2,5° | 239.2 | 237.4 | 235.7 | 234.3 | 233.0 | 231.9 | 230.8 | 229.9 | 229.2 | 228.9 | 228.8 | 3.0 | 3.4 |
| 5,0° | 216.6 | 212.2 | 208.0 | 204.2 | 200.8 | 198.0 | 195.3 | 193.3 | 191.8 | 191.1 | 190.8 | 5.8 | 9.2 |
| 7,5° | 191.3 | 184.0 | 177.3 | 171.3 | 166.0 | 161.5 | 157.7 | 154.8 | 152.7 | 151.6 | 151.2 | 8.2 | 17.4 |
| 10,0° | 165.6 | 156.3 | 148.0 | 140.8 | 134.8 | 129.9 | 126.0 | 123.1 | 121.2 | 120.1 | 119.8 | 10.3 | 27.7 |
| 12,5° | 141.7 | 131.9 | 123.8 | 117.4 | 112.5 | 109.1 | 106.7 | 105.1 | 104.1 | 103.5 | 103.2 | 12.0 | 39.7 |
| 15,0° | 123.0 | 114.7 | 109.2 | 105.6 | 103.1 | 101.2 | 99.7 | 98.5 | 97.8 | 97.3 | 97.2 | 13.5 | 53.2 |
| 17,5° | 110.2 | 105.7 | 102.7 | 100.5 | 98.6 | 97.1 | 95.7 | 94.7 | 94.1 | 93.6 | 93.4 | 14.7 | 67.9 |
| 20,0° | 103.7 | 101.0 | 99.1 | 97.4 | 95.9 | 94.4 | 93.1 | 92.2 | 91.5 | 91.1 | 90.8 | 15.9 | 83.8 |
| 22,5° | 99.7 | 97.8 | 96.4 | 95.1 | 93.8 | 92.5 | 91.1 | 89.6 | 89.2 | 89.1 | 89.1 | 17.1 | 100.9 |
| 25,0° | 96.8 | 95.4 | 94.0 | 93.1 | 91.4 | 85.6 | 79.7 | 77.9 | 77.3 | 76.9 | 76.6 | 18.2 | 119.1 |
| 27,5° | 94.3 | 91.9 | 89.6 | 84.7 | 75.7 | 71.6 | 70.1 | 69.0 | 68.2 | 67.7 | 67.4 | 19.5 | 138.6 |
| 30,0° | 88.9 | 83.4 | 79.2 | 72.9 | 71.1 | 70.3 | 69.5 | 68.7 | 67.9 | 67.3 | 67.0 | 21.0 | 159.6 |
| 32,5° | 78.1 | 73.8 | 71.5 | 70.7 | 70.3 | 69.5 | 68.1 | 66.7 | 65.4 | 64.4 | 64.0 | 22.9 | 182.5 |
| 35,0° | 70.8 | 70.1 | 69.9 | 69.6 | 68.3 | 66.7 | 65.1 | 63.9 | 62.8 | 62.1 | 61.7 | 25.1 | 207.6 |
| 37,5° | 68.6 | 68.4 | 68.2 | 66.9 | 65.5 | 64.6 | 63.7 | 62.7 | 61.7 | 60.7 | 60.2 | 27.5 | 235.1 |
| 40,0° | 66.6 | 66.6 | 65.6 | 64.6 | 64.0 | 63.2 | 62.6 | 61.9 | 60.8 | 59.7 | 59.0 | 30.0 | 265.1 |
| 42,5° | 64.7 | 64.2 | 63.9 | 63.6 | 63.2 | 62.6 | 62.3 | 62.0 | 61.2 | 59.9 | 59.0 | 32.3 | 297.4 |
| 45,0° | 62.3 | 62.5 | 62.8 | 62.7 | 63.0 | 63.3 | 63.4 | 63.0 | 62.3 | 61.0 | 59.9 | 34.0 | 331.4 |
| 47,5° | 60.2 | 61.2 | 61.9 | 62.5 | 63.8 | 64.1 | 64.6 | 64.7 | 64.3 | 63.1 | 62.2 | 36.2 | 367.6 |
| 50,0° | 57.7 | 59.3 | 61.1 | 62.1 | 64.0 | 65.2 | 66.6 | 67.6 | 67.6 | 66.6 | 66.0 | 39.4 | 407.0 |
| 52,5° | 55.2 | 57.1 | 59.3 | 61.1 | 63.9 | 67.1 | 70.6 | 73.2 | 73.6 | 72.9 | 72.2 | 44.1 | 451.1 |
| 55,0° | 52.8 | 54.9 | 57.6 | 60.6 | 64.8 | 70.4 | 76.4 | 80.6 | 80.3 | 79.6 | 79.1 | 49.5 | 500.6 |
| 57,5° | 50.5 | 52.7 | 56.2 | 60.6 | 66.5 | 74.0 | 82.1 | 86.7 | 86.3 | 85.6 | 84.1 | 55.7 | 556.3 |
| 60,0° | 48.1 | 50.9 | 55.3 | 61.1 | 68.7 | 77.7 | 86.5 | 89.1 | 88.1 | 86.8 | 85.9 | 63.4 | 619.7 |
| 62,5° | 46.1 | 49.1 | 54.2 | 61.1 | 69.2 | 77.8 | 85.6 | 89.4 | 87.8 | 86.1 | 85.2 | 74.4 | 694.1 |
| 65,0° | 46.4 | 48.2 | 53.2 | 60.1 | 68.5 | 76.8 | 83.7 | 86.3 | 83.9 | 82.0 | 81.1 | 84.5 | 778.5 |
| 67,5° | 52.5 | 52.0 | 52.1 | 57.7 | 65.3 | 72.5 | 78.4 | 80.0 | 76.9 | 74.9 | 74.0 | 82.2 | 860.7 |
| 70,0° | 54.5 | 58.5 | 57.0 | 53.9 | 59.7 | 65.6 | 69.8 | 70.5 | 67.6 | 65.1 | 64.4 | 69.4 | 930.2 |
| 72,5° | 52.2 | 57.1 | 55.0 | 50.9 | 51.3 | 55.5 | 58.3 | 58.3 | 55.1 | 53.4 | 54.1 | 39.8 | 969.9 |
| 75,0° | 28.6 | 36.9 | 40.3 | 39.0 | 41.6 | 44.9 | 46.8 | 46.1 | 43.2 | 41.5 | 42.5 | 15.6 | 985.6 |
| 77,5° | 20.4 | 22.6 | 25.3 | 28.0 | 30.9 | 33.4 | 34.8 | 33.4 | 31.1 | 29.8 | 29.9 | 7.0 | 992.5 |
| 80,0° | 13.6 | 15.1 | 17.0 | 19.0 | 21.0 | 22.4 | 23.0 | 21.8 | 20.4 | 19.5 | 19.3 | 4.0 | 996.5 |
| 82,5° | 8.0 | 8.7 | 9.6 | 10.5 | 11.0 | 11.5 | 11.5 | 11.1 | 10.4 | 10.1 | 10.0 | 2.2 | 998.8 |
| 85,0° | 3.6 | 3.8 | 4.1 | 4.4 | 4.7 | 5.0 | 5.2 | 5.0 | 4.7 | 4.6 | 4.5 | 1.0 | 999.7 |
| 87,5° | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 | 1.3 | 0.3 | 1000.0 |
| 90,0° | 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 |
| 100,0° | 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 |
| 110,0° | 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 |
| 120,0° | 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 |
| 130,0° | 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 |
| 140,0° | 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 |
| 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 |
| 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 |
| 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 |
| 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 Floodlight 20 midi LED | Order number: 5XA7682D2D1AC EAN: 4058352222768 | LP number 58577_5 |
|---|---|-----------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| Dimming levels table | environmental temperature: 25°C | sITeco |
|-----------------------------|---------------------------------|---------------|

| Luminous flux % | Dimming level linear | Dimming level logarithmic | Luminous flux [lm] | Power consumption [W] |
|-----------------|----------------------|---------------------------|--------------------|-----------------------|
| 100 | 254 | 254 | 17990 | 142.0 |
| 95 | 241 | 252 | 17091 | 134.1 |
| 90 | 226 | 250 | 16191 | 126.2 |
| 85 | 211 | 247 | 15292 | 118.6 |
| 80 | 197 | 245 | 14392 | 111.1 |
| 75 | 185 | 242 | 13493 | 103.6 |
| 70 | 171 | 239 | 12593 | 96.3 |
| 65 | 157 | 236 | 11694 | 89.2 |
| 60 | 144 | 233 | 10794 | 82.2 |
| 55 | 130 | 230 | 9895 | 75.4 |
| 50 | 118 | 226 | 8995 | 68.6 |
| 45 | 106 | 222 | 8096 | 61.9 |
| 40 | 94 | 217 | 7196 | 55.3 |
| 35 | 81 | 212 | 6297 | 48.9 |
| 30 | 69 | 206 | 5397 | 42.6 |
| 25 | 57 | 199 | 4498 | 36.4 |
| 20 | 45 | 191 | 3598 | 30.3 |
| 15 | 34 | 181 | 2698 | 24.2 |