

Photometric test report

Family
Floodlight FL21 mini

Order number: 5XA7772C2D2A
EAN: 4058352655061

LP number
59303_89



Version design bracket
Optic asymmetric distribution PL52
Cover toughened safety glass
Lamps LED 3000 K | CRI ≥ 70
Controlgear ECG SITECO iQ
Rated values
Net luminous flux = 12210 lm
Power consumption = 87.2 W
Luminous efficacy = 140 lm/W

serial
documentation
26.08.2022

siteco

Luminous intensity in cd/klm

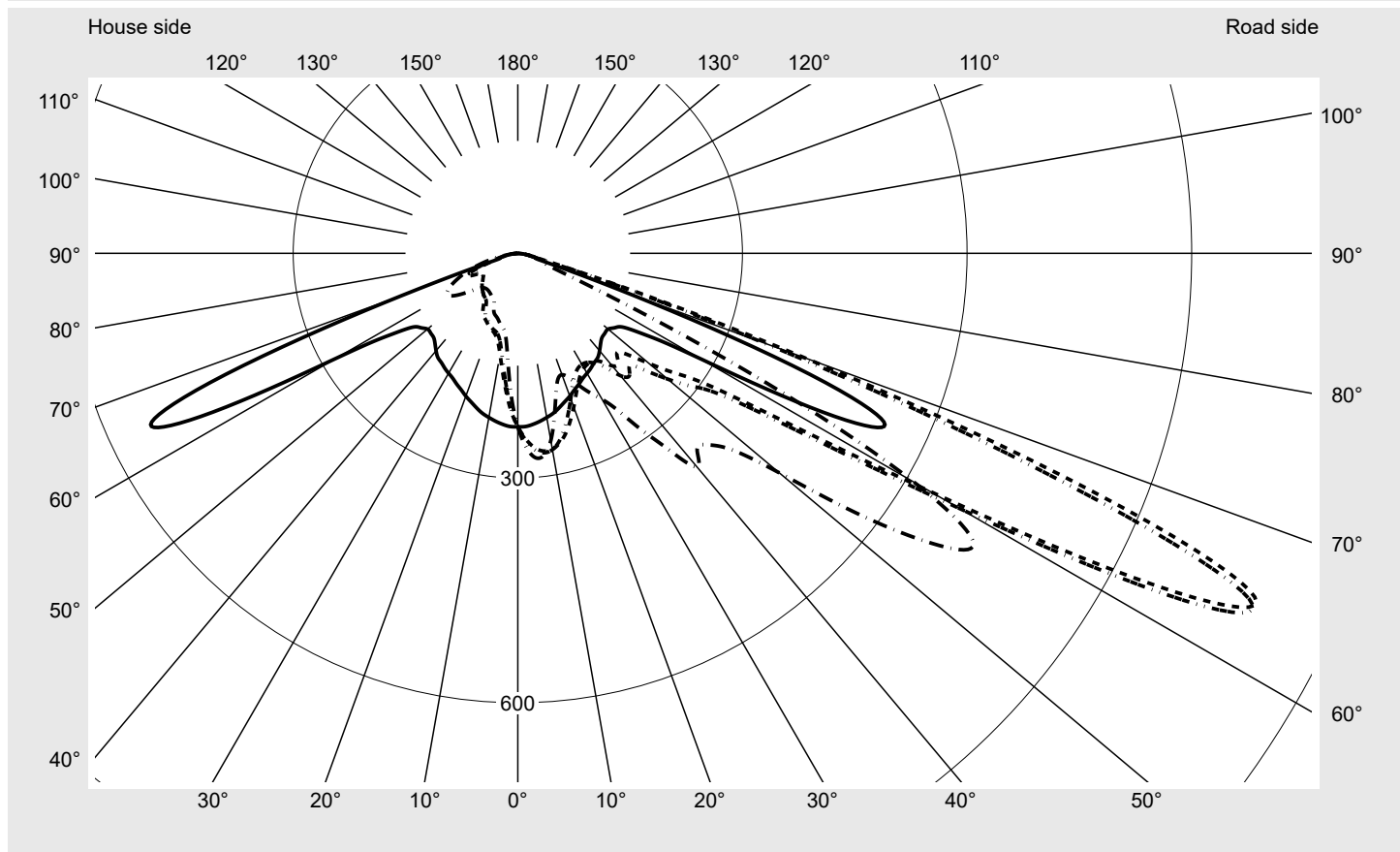
C180-0

C215-35

C220-40

C270-90

Imax: 1086 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: | G4 |
| Imax 70° | 458.7 |
| Imax 80° | 34.3 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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|---------------------------------------|--|------------------------------|
| Family Floodlight FL21 mini | Order number: 5XA7772C2D2A EAN: 4058352655061 | LP number 59303_89 |
|---------------------------------------|--|------------------------------|

Envelope curve in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



Photometric test report

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|---|--|-----------------------------------|
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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 | | | | | | | | | | | | |
| 0,0° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 |
| 2,5° | 231.5 | 234.5 | 237.2 | 239.9 | 242.1 | 244.3 | 246.4 | 248.4 | 250.2 | 251.6 | 253.1 | 254.6 | 255.7 |
| 5,0° | 229.3 | 235.1 | 240.5 | 245.6 | 250.0 | 254.0 | 257.5 | 260.7 | 263.3 | 265.4 | 267.6 | 269.2 | 270.7 |
| 7,5° | 226.2 | 234.9 | 242.4 | 249.0 | 254.6 | 259.4 | 263.2 | 266.3 | 268.6 | 269.8 | 270.8 | 271.5 | 271.7 |
| 10,0° | 222.5 | 233.4 | 242.9 | 250.6 | 256.6 | 261.1 | 264.1 | 265.7 | 266.1 | 265.2 | 263.9 | 262.0 | 260.3 |
| 12,5° | 218.7 | 231.6 | 242.6 | 250.5 | 256.0 | 259.4 | 260.3 | 259.1 | 256.5 | 252.4 | 247.8 | 242.9 | 238.0 |
| 15,0° | 213.5 | 228.4 | 239.9 | 248.4 | 253.1 | 254.4 | 252.5 | 248.3 | 241.3 | 234.5 | 226.7 | 219.1 | 212.6 |
| 17,5° | 207.9 | 224.8 | 237.0 | 245.2 | 248.3 | 246.8 | 241.7 | 233.7 | 224.0 | 213.8 | 204.3 | 195.8 | 189.0 |
| 20,0° | 202.9 | 220.7 | 233.9 | 241.3 | 242.3 | 238.0 | 229.5 | 218.3 | 206.6 | 195.3 | 186.0 | 179.3 | 174.9 |
| 22,5° | 197.4 | 217.4 | 230.8 | 237.1 | 235.8 | 228.3 | 216.6 | 203.4 | 190.7 | 180.7 | 174.3 | 171.2 | 170.7 |
| 25,0° | 192.8 | 214.0 | 228.1 | 233.3 | 229.6 | 219.3 | 205.3 | 191.3 | 180.0 | 173.2 | 171.0 | 172.6 | 176.3 |
| 27,5° | 188.1 | 211.9 | 226.4 | 230.2 | 223.9 | 211.1 | 195.6 | 181.8 | 173.4 | 171.3 | 174.7 | 181.5 | 189.2 |
| 30,0° | 184.9 | 210.9 | 226.6 | 229.5 | 221.1 | 205.8 | 189.7 | 176.8 | 171.2 | 173.6 | 182.3 | 194.2 | 204.9 |
| 32,5° | 181.7 | 210.8 | 227.6 | 229.3 | 218.6 | 201.5 | 185.7 | 174.8 | 172.7 | 179.7 | 193.4 | 209.7 | 223.3 |
| 35,0° | 178.1 | 210.0 | 229.4 | 230.0 | 217.8 | 199.9 | 183.9 | 176.0 | 178.9 | 191.2 | 209.9 | 231.0 | 249.7 |
| 37,5° | 175.4 | 210.6 | 231.6 | 232.2 | 219.4 | 200.9 | 186.3 | 182.3 | 191.3 | 210.3 | 235.9 | 263.9 | 289.1 |
| 40,0° | 169.8 | 208.7 | 231.0 | 233.7 | 222.0 | 205.0 | 193.8 | 196.0 | 213.1 | 238.5 | 269.3 | 300.8 | 327.7 |
| 42,5° | 163.7 | 204.8 | 228.0 | 230.0 | 216.3 | 199.0 | 190.4 | 198.6 | 220.8 | 245.1 | 271.5 | 296.4 | 317.0 |
| 45,0° | 159.0 | 202.1 | 226.7 | 225.9 | 206.9 | 185.9 | 177.4 | 187.6 | 211.9 | 240.6 | 269.2 | 293.9 | 312.6 |
| 47,5° | 157.8 | 206.0 | 234.1 | 231.9 | 210.9 | 189.3 | 184.8 | 201.3 | 231.8 | 263.5 | 288.6 | 307.1 | 321.7 |
| 50,0° | 157.4 | 214.1 | 248.3 | 247.0 | 225.5 | 204.9 | 205.6 | 228.7 | 261.1 | 290.4 | 309.0 | 319.1 | 329.1 |
| 52,5° | 163.2 | 228.6 | 268.5 | 268.3 | 246.7 | 228.5 | 234.7 | 261.3 | 291.0 | 312.6 | 324.0 | 330.0 | 348.1 |
| 55,0° | 172.1 | 259.8 | 301.9 | 304.0 | 280.4 | 263.2 | 273.7 | 300.9 | 326.9 | 344.5 | 360.1 | 388.8 | 439.1 |
| 57,5° | 203.4 | 308.5 | 371.7 | 376.8 | 355.2 | 346.7 | 368.6 | 403.7 | 435.1 | 467.2 | 515.3 | 563.4 | 588.4 |
| 60,0° | 281.0 | 437.6 | 528.1 | 543.6 | 533.8 | 544.1 | 586.8 | 635.0 | 681.7 | 736.4 | 770.6 | 755.2 | 706.8 |
| 62,5° | 459.0 | 683.9 | 801.0 | 823.5 | 822.2 | 848.4 | 906.9 | 960.5 | 1004.1 | 1008.6 | 950.1 | 833.7 | 672.9 |
| 65,0° | 541.0 | 836.7 | 974.5 | 994.6 | 989.6 | 1015.3 | 1059.5 | 1086.1 | 1066.5 | 983.9 | 838.7 | 655.4 | 484.9 |
| 67,5° | 421.8 | 721.2 | 884.2 | 915.6 | 892.2 | 875.4 | 867.2 | 831.1 | 750.0 | 630.8 | 494.5 | 376.5 | 281.8 |
| 70,0° | 164.2 | 284.0 | 373.6 | 428.7 | 458.7 | 451.5 | 438.1 | 405.6 | 349.3 | 286.2 | 234.6 | 187.8 | 147.2 |
| 72,5° | 37.8 | 50.0 | 56.7 | 67.7 | 100.8 | 124.5 | 127.5 | 125.3 | 110.6 | 85.4 | 86.9 | 78.5 | 67.8 |
| 75,0° | 25.6 | 27.1 | 28.6 | 29.9 | 32.4 | 37.7 | 39.6 | 40.4 | 33.6 | 32.0 | 36.5 | 35.9 | 34.7 |
| 77,5° | 18.9 | 19.4 | 20.1 | 20.7 | 21.4 | 22.5 | 22.9 | 23.3 | 22.7 | 23.1 | 24.1 | 24.2 | 25.6 |
| 80,0° | 14.3 | 13.2 | 13.3 | 13.7 | 14.1 | 15.1 | 15.0 | 15.1 | 15.1 | 15.6 | 15.8 | 15.8 | 19.3 |
| 82,5° | 8.4 | 7.6 | 7.8 | 8.1 | 8.3 | 9.0 | 9.0 | 8.9 | 9.1 | 9.3 | 9.4 | 9.2 | 10.5 |
| 85,0° | 4.1 | 3.5 | 3.5 | 3.7 | 3.9 | 4.1 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.4 |
| 87,5° | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 |
| 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 |

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| Family Floodlight FL21 mini | Order number: 5XA7772C2D2A EAN: 4058352655061 | LP number 59303_89 |
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| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 |
| 2,5° | 256.6 | 257.5 | 258.2 | 258.8 | 259.1 | 259.4 | 228.6 | 225.4 | 222.3 | 219.2 | 216.1 | 213.0 | 210.1 |
| 5,0° | 271.7 | 272.4 | 273.1 | 273.6 | 273.9 | 274.0 | 223.0 | 216.4 | 209.6 | 202.9 | 196.2 | 189.6 | 183.4 |
| 7,5° | 271.7 | 271.4 | 271.2 | 271.2 | 271.4 | 271.4 | 217.0 | 207.0 | 196.7 | 186.4 | 176.4 | 166.9 | 158.0 |
| 10,0° | 257.9 | 256.3 | 254.9 | 254.1 | 254.0 | 253.8 | 210.4 | 197.3 | 183.8 | 170.7 | 158.0 | 146.5 | 136.7 |
| 12,5° | 233.8 | 230.0 | 227.5 | 225.9 | 225.2 | 224.9 | 203.7 | 187.7 | 171.5 | 156.1 | 142.2 | 130.7 | 121.9 |
| 15,0° | 206.9 | 202.4 | 199.3 | 197.4 | 196.4 | 196.3 | 196.1 | 177.5 | 159.4 | 143.0 | 129.7 | 120.2 | 113.7 |
| 17,5° | 184.0 | 180.4 | 178.5 | 177.4 | 177.1 | 177.2 | 188.5 | 167.5 | 147.8 | 131.8 | 120.4 | 113.4 | 109.4 |
| 20,0° | 172.4 | 171.1 | 171.0 | 171.5 | 172.1 | 172.5 | 180.7 | 157.7 | 137.5 | 122.6 | 113.6 | 109.0 | 106.6 |
| 22,5° | 171.7 | 173.3 | 175.3 | 177.6 | 179.5 | 180.3 | 173.5 | 148.7 | 128.5 | 115.4 | 108.6 | 105.6 | 103.3 |
| 25,0° | 180.4 | 184.0 | 187.5 | 191.1 | 194.0 | 195.2 | 166.1 | 140.4 | 120.9 | 110.1 | 105.1 | 102.4 | 99.8 |
| 27,5° | 194.9 | 198.1 | 201.4 | 206.2 | 209.6 | 210.4 | 159.8 | 133.1 | 114.9 | 105.9 | 102.2 | 99.3 | 96.7 |
| 30,0° | 211.0 | 213.4 | 216.8 | 223.3 | 225.7 | 225.2 | 153.2 | 125.9 | 109.4 | 102.4 | 99.3 | 96.6 | 93.0 |
| 32,5° | 230.7 | 234.4 | 240.4 | 248.9 | 249.2 | 248.6 | 147.8 | 119.8 | 104.8 | 99.1 | 96.4 | 93.6 | 86.1 |
| 35,0° | 260.3 | 266.9 | 278.0 | 288.2 | 286.9 | 287.5 | 141.1 | 113.3 | 99.9 | 95.7 | 92.6 | 86.8 | 78.5 |
| 37,5° | 303.6 | 312.8 | 322.9 | 327.5 | 328.1 | 329.6 | 135.0 | 107.3 | 95.8 | 92.5 | 86.3 | 78.6 | 74.0 |
| 40,0° | 343.2 | 350.8 | 360.0 | 365.5 | 369.3 | 372.3 | 127.7 | 101.3 | 91.9 | 89.1 | 78.2 | 72.6 | 71.6 |
| 42,5° | 329.7 | 335.0 | 342.0 | 348.1 | 352.2 | 354.4 | 120.9 | 96.0 | 88.5 | 85.4 | 72.4 | 69.5 | 69.2 |
| 45,0° | 325.0 | 331.5 | 341.4 | 352.4 | 358.7 | 361.7 | 113.7 | 91.1 | 85.4 | 81.8 | 68.4 | 66.7 | 66.9 |
| 47,5° | 334.5 | 343.3 | 356.2 | 373.7 | 383.7 | 388.7 | 109.8 | 87.7 | 82.9 | 78.3 | 65.3 | 64.2 | 64.3 |
| 50,0° | 344.2 | 365.5 | 393.0 | 427.0 | 447.6 | 455.9 | 106.1 | 84.9 | 80.8 | 74.6 | 62.0 | 61.6 | 61.6 |
| 52,5° | 386.7 | 435.0 | 483.5 | 531.2 | 558.8 | 569.1 | 104.9 | 83.4 | 79.4 | 71.3 | 59.2 | 58.9 | 58.9 |
| 55,0° | 491.9 | 536.5 | 582.5 | 630.2 | 661.6 | 674.9 | 106.0 | 83.1 | 78.7 | 67.9 | 56.9 | 56.2 | 56.5 |
| 57,5° | 601.7 | 615.0 | 643.8 | 682.0 | 709.6 | 721.4 | 114.8 | 85.9 | 79.7 | 66.3 | 55.7 | 54.1 | 54.2 |
| 60,0° | 644.7 | 592.9 | 578.6 | 591.2 | 605.1 | 611.2 | 140.6 | 94.7 | 85.1 | 70.0 | 59.8 | 55.6 | 53.5 |
| 62,5° | 532.1 | 442.6 | 407.1 | 390.4 | 371.5 | 372.0 | 218.5 | 116.7 | 98.1 | 83.3 | 74.8 | 67.3 | 59.4 |
| 65,0° | 359.7 | 284.4 | 213.4 | 163.1 | 135.7 | 136.8 | 267.6 | 124.6 | 102.7 | 92.8 | 88.5 | 81.4 | 71.2 |
| 67,5° | 212.7 | 163.6 | 70.8 | 55.1 | 51.3 | 50.3 | 137.5 | 86.1 | 80.6 | 78.6 | 79.5 | 76.7 | 70.5 |
| 70,0° | 116.8 | 92.0 | 45.7 | 40.5 | 39.5 | 39.3 | 53.1 | 45.7 | 45.1 | 46.7 | 49.3 | 52.7 | 53.8 |
| 72,5° | 57.5 | 49.2 | 35.9 | 34.4 | 34.4 | 35.0 | 34.1 | 33.0 | 31.8 | 31.7 | 32.8 | 35.6 | 37.7 |
| 75,0° | 32.7 | 31.8 | 30.6 | 28.9 | 27.7 | 28.0 | 27.3 | 26.2 | 25.0 | 25.1 | 26.1 | 27.7 | 29.9 |
| 77,5° | 32.1 | 32.2 | 25.5 | 20.8 | 19.4 | 19.6 | 20.3 | 19.4 | 18.9 | 19.4 | 20.1 | 21.7 | 22.9 |
| 80,0° | 34.3 | 31.4 | 17.5 | 13.9 | 12.8 | 12.7 | 15.0 | 13.6 | 13.2 | 13.8 | 14.5 | 15.5 | 16.1 |
| 82,5° | 16.1 | 15.6 | 10.1 | 8.2 | 7.5 | 7.1 | 8.4 | 7.8 | 8.2 | 8.7 | 9.2 | 9.6 | 9.8 |
| 85,0° | 5.2 | 5.1 | 4.4 | 3.6 | 3.2 | 2.9 | 3.6 | 3.8 | 4.0 | 4.3 | 4.5 | 4.6 | 4.7 |
| 87,5° | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 |
| 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 |

Photometric test report

| | | |
|---|--|-----------------------------------|
| Family Floodlight FL21 mini | Order number: 5XA7772C2D2A EAN: 4058352655061 | LP number 59303_89 |
| 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° | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 231.6 | 0.3 | 0.3 |
| 2,5° | 207.5 | 204.9 | 202.7 | 200.5 | 198.6 | 197.1 | 195.7 | 194.7 | 193.7 | 193.2 | 192.8 | 2.7 | 3.1 |
| 5,0° | 177.6 | 172.1 | 167.4 | 163.0 | 159.2 | 156.1 | 153.5 | 151.5 | 149.9 | 148.9 | 148.5 | 5.2 | 8.3 |
| 7,5° | 150.1 | 142.9 | 137.0 | 131.9 | 127.9 | 124.9 | 122.4 | 120.5 | 119.1 | 118.3 | 118.1 | 7.5 | 15.8 |
| 10,0° | 128.5 | 122.0 | 117.0 | 113.1 | 110.2 | 108.2 | 106.7 | 105.6 | 104.9 | 104.5 | 104.4 | 9.4 | 25.2 |
| 12,5° | 115.4 | 110.6 | 107.3 | 105.0 | 103.3 | 102.3 | 101.4 | 100.8 | 100.3 | 100.0 | 100.0 | 11.0 | 36.2 |
| 15,0° | 109.4 | 106.5 | 104.4 | 102.5 | 100.6 | 98.9 | 97.6 | 96.5 | 95.7 | 95.3 | 95.2 | 12.4 | 48.5 |
| 17,5° | 107.0 | 104.7 | 102.2 | 99.6 | 97.2 | 95.1 | 93.4 | 92.2 | 91.3 | 90.8 | 90.7 | 13.5 | 62.0 |
| 20,0° | 104.4 | 101.8 | 99.0 | 96.5 | 94.3 | 92.3 | 90.6 | 89.4 | 88.6 | 88.1 | 87.9 | 14.7 | 76.7 |
| 22,5° | 100.7 | 98.3 | 96.1 | 94.1 | 92.0 | 88.8 | 86.1 | 84.6 | 84.0 | 83.8 | 83.7 | 15.9 | 92.6 |
| 25,0° | 97.4 | 95.3 | 93.3 | 90.3 | 85.4 | 80.8 | 77.4 | 75.9 | 75.4 | 75.0 | 74.9 | 17.2 | 109.8 |
| 27,5° | 93.6 | 90.0 | 86.6 | 82.2 | 77.4 | 74.3 | 72.6 | 71.2 | 70.2 | 69.5 | 69.2 | 18.7 | 128.5 |
| 30,0° | 86.3 | 81.5 | 78.6 | 76.0 | 74.5 | 73.2 | 71.7 | 70.2 | 69.1 | 68.3 | 68.0 | 20.3 | 148.8 |
| 32,5° | 78.4 | 75.9 | 74.9 | 74.2 | 73.3 | 72.0 | 70.3 | 68.7 | 67.5 | 66.6 | 66.3 | 22.3 | 171.0 |
| 35,0° | 74.7 | 74.0 | 73.4 | 72.6 | 71.4 | 70.0 | 68.4 | 67.0 | 65.9 | 65.1 | 64.7 | 24.7 | 195.7 |
| 37,5° | 73.1 | 72.5 | 71.7 | 70.5 | 69.5 | 68.4 | 67.2 | 66.0 | 65.0 | 64.2 | 63.7 | 27.7 | 223.4 |
| 40,0° | 71.3 | 70.7 | 69.5 | 68.6 | 68.0 | 67.3 | 66.3 | 65.4 | 64.7 | 63.8 | 63.2 | 31.0 | 254.4 |
| 42,5° | 69.2 | 68.5 | 67.9 | 67.4 | 66.9 | 66.4 | 66.0 | 65.6 | 65.0 | 64.1 | 63.5 | 31.7 | 286.1 |
| 45,0° | 66.8 | 66.7 | 66.6 | 66.5 | 66.4 | 66.4 | 66.5 | 66.7 | 66.6 | 65.7 | 65.1 | 32.6 | 318.8 |
| 47,5° | 64.7 | 65.2 | 65.7 | 66.1 | 66.6 | 67.3 | 68.3 | 69.4 | 69.8 | 69.3 | 68.8 | 35.2 | 354.0 |
| 50,0° | 62.4 | 63.6 | 64.7 | 66.0 | 67.5 | 69.6 | 72.3 | 74.7 | 75.7 | 75.8 | 75.7 | 39.1 | 393.1 |
| 52,5° | 60.1 | 61.7 | 63.7 | 65.9 | 69.0 | 73.4 | 79.0 | 83.4 | 84.7 | 85.3 | 85.7 | 45.1 | 438.2 |
| 55,0° | 57.8 | 60.0 | 62.7 | 66.7 | 72.0 | 79.7 | 88.9 | 94.8 | 95.2 | 95.9 | 96.7 | 53.5 | 491.8 |
| 57,5° | 55.6 | 58.3 | 62.2 | 68.2 | 76.3 | 87.4 | 99.9 | 106.1 | 104.6 | 104.6 | 105.7 | 66.2 | 558.0 |
| 60,0° | 53.9 | 56.9 | 62.2 | 70.3 | 81.0 | 94.3 | 107.8 | 112.8 | 108.9 | 107.7 | 108.8 | 82.6 | 640.6 |
| 62,5° | 55.4 | 56.9 | 62.5 | 71.8 | 84.2 | 97.4 | 109.3 | 112.3 | 106.3 | 104.1 | 104.5 | 99.5 | 740.1 |
| 65,0° | 63.7 | 63.5 | 66.0 | 72.7 | 84.1 | 95.3 | 105.1 | 105.4 | 98.9 | 95.6 | 96.1 | 99.9 | 840.0 |
| 67,5° | 70.1 | 78.4 | 77.3 | 72.4 | 79.6 | 88.2 | 95.1 | 94.0 | 87.3 | 84.7 | 85.0 | 77.4 | 917.4 |
| 70,0° | 61.5 | 83.1 | 81.8 | 70.7 | 72.2 | 78.2 | 82.6 | 81.2 | 75.4 | 72.7 | 73.9 | 40.8 | 958.2 |
| 72,5° | 42.3 | 57.4 | 62.9 | 59.5 | 61.2 | 65.1 | 67.5 | 65.8 | 60.5 | 58.3 | 60.0 | 16.1 | 974.3 |
| 75,0° | 31.9 | 36.8 | 42.7 | 46.3 | 49.5 | 52.1 | 53.3 | 51.3 | 47.4 | 45.6 | 47.0 | 9.3 | 983.7 |
| 77,5° | 24.7 | 27.9 | 31.7 | 34.9 | 37.5 | 39.4 | 39.8 | 37.3 | 34.2 | 32.7 | 33.7 | 6.9 | 990.6 |
| 80,0° | 17.6 | 19.4 | 21.6 | 23.6 | 25.1 | 26.0 | 25.6 | 23.9 | 22.2 | 21.1 | 21.1 | 4.9 | 995.4 |
| 82,5° | 10.4 | 11.4 | 12.7 | 13.8 | 14.8 | 15.6 | 15.4 | 14.5 | 13.4 | 12.7 | 12.6 | 2.9 | 998.3 |
| 85,0° | 4.9 | 5.3 | 5.9 | 6.5 | 7.0 | 7.3 | 7.4 | 7.1 | 6.6 | 6.3 | 6.2 | 1.3 | 999.6 |
| 87,5° | 1.7 | 1.8 | 1.9 | 2.0 | 2.2 | 2.2 | 2.2 | 2.1 | 1.9 | 1.8 | 1.7 | 0.4 | 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 |

Photometric test report

| | | |
|---------------------------------------|--|------------------------------|
| Family Floodlight FL21 mini | Order number: 5XA7772C2D2A EAN: 4058352655061 | LP number 59303_89 |
|---------------------------------------|--|------------------------------|

| | | |
|-----------------------------|---------------------------------|---------------|
| 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 | 12210 | 87.2 | 92.1 | 89.6 |
| 95 | 241 | 252 | 11585 | 81.9 | 86.5 | 84.2 |
| 90 | 229 | 250 | 11008 | 77.1 | 81.4 | 79.2 |
| 85 | 216 | 248 | 10383 | 72.0 | 76.0 | 74.0 |
| 80 | 203 | 246 | 9758 | 67.1 | 70.8 | 68.9 |
| 75 | 190 | 243 | 9133 | 62.3 | 65.7 | 64.0 |
| 70 | 178 | 241 | 8557 | 57.9 | 61.0 | 59.4 |
| 65 | 165 | 238 | 7932 | 53.2 | 56.1 | 54.6 |
| 60 | 152 | 235 | 7307 | 48.6 | 51.4 | 50.0 |
| 55 | 140 | 232 | 6730 | 44.5 | 46.9 | 45.7 |
| 50 | 127 | 229 | 6105 | 40.1 | 42.2 | 41.2 |
| 45 | 114 | 225 | 5480 | 35.8 | 37.7 | 36.8 |
| 40 | 102 | 221 | 4903 | 31.9 | 33.6 | 32.8 |
| 35 | 89 | 216 | 4278 | 27.8 | 29.3 | 28.6 |
| 30 | 76 | 210 | 3653 | 23.8 | 25.0 | 24.4 |
| 25 | 63 | 203 | 3028 | 20.0 | 21.0 | 20.5 |
| 20 | 51 | 195 | 2452 | 16.5 | 17.3 | 16.9 |
| 16 | 40 | 186 | 1923 | 13.2 | 13.9 | 13.6 |