

Lichttechnischer Prüfbefund

Familie
Floodlight FL21 midi

Bestell-Nr.: 5XA7781F4E1A
EAN: 4058352853139

LP-Nummer
59252_197



Ausführung Tragbügel
Optik direkt, asymmetrisch tief strahlend,
asymmetrisch breit strahlend
A640002
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG SITECO iQ
Bemessungswerte Nettolichtstrom = 36050 lm
Systemleistung = 270.2 W
Lichtausbeute = 133.4 lm/W

Seriendokumentation
22.08.2023

siteco

Lichtstärke in cd/klm

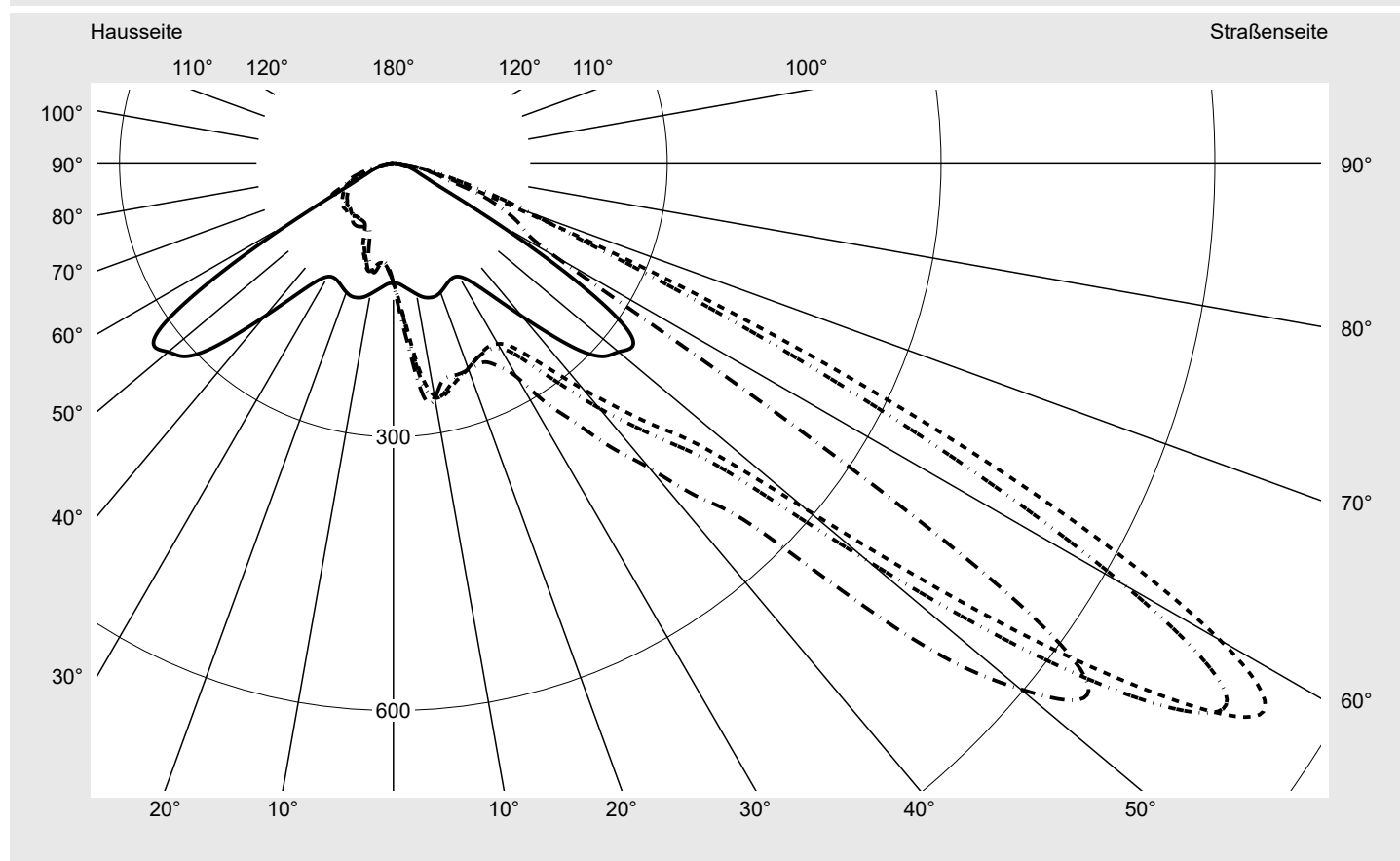
C180-0

C230-50

C235-55

C270-90

Imax: 1125 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G6 |
| Imax 70° | 159.0 |
| Imax 80° | 26.3 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Messbedingungen

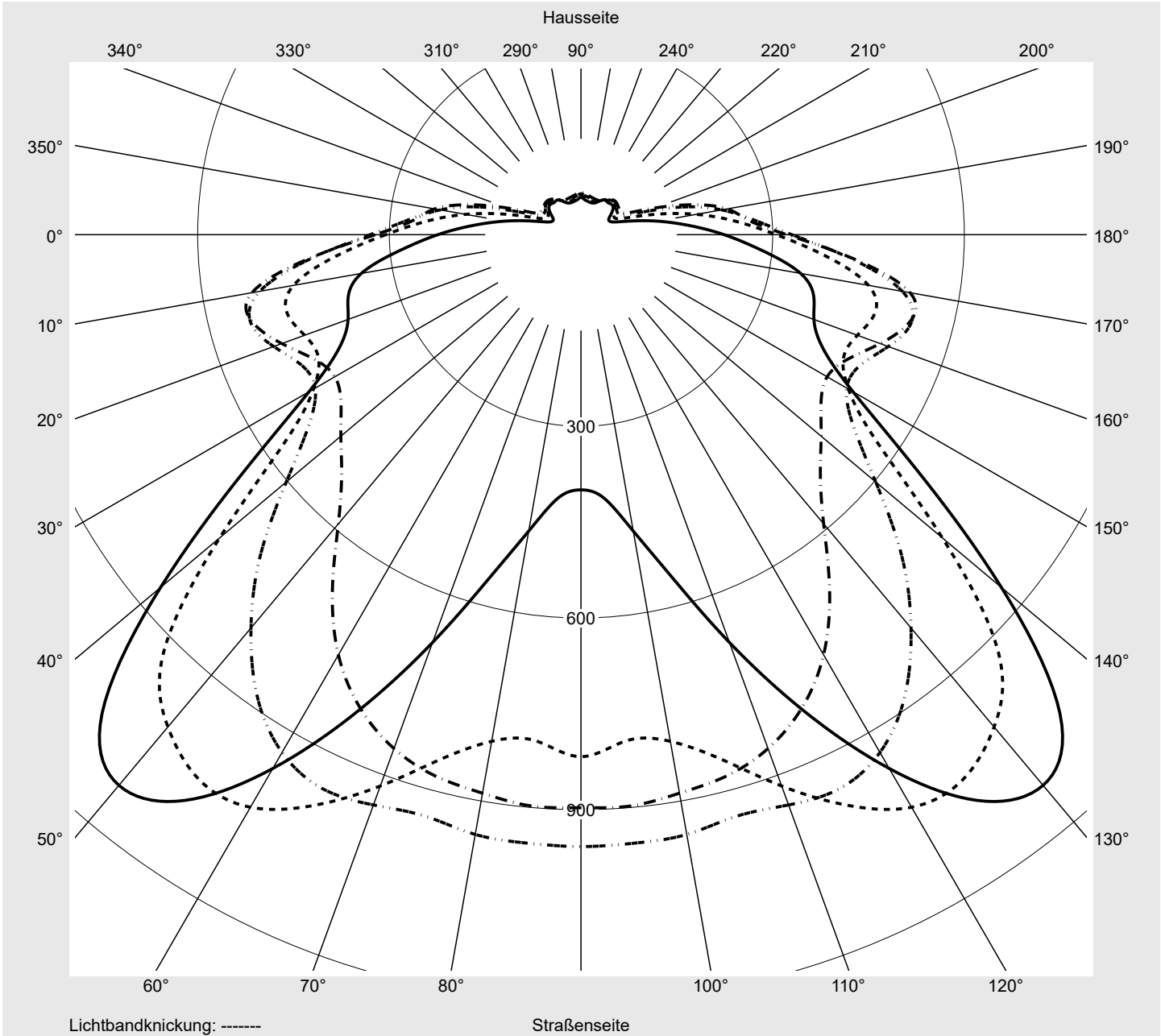
DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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Kegelmantelkurven in cd/klm **KMK 57,5°** **KMK 55°** **KMK 52,5°** **KMK 50°**



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| Familie Floodlight FL21 midi | Bestell-Nr.: 5XA7781F4E1A EAN: 4058352853139 | LP-Nummer 59252_197 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 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 | Lichtstärke in cd/klm | | | | | | | | | | | | |
| 0,0° | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 |
| 2,5° | 132.4 | 134.5 | 136.5 | 138.6 | 140.7 | 142.9 | 145.0 | 147.2 | 149.3 | 151.1 | 152.6 | 154.1 | 155.5 |
| 5,0° | 136.2 | 140.7 | 145.2 | 150.1 | 155.2 | 160.1 | 165.5 | 171.2 | 177.1 | 182.6 | 187.7 | 192.3 | 196.7 |
| 7,5° | 140.7 | 147.8 | 155.4 | 163.1 | 171.8 | 181.2 | 191.0 | 201.4 | 212.6 | 224.1 | 234.3 | 242.3 | 248.0 |
| 10,0° | 145.8 | 155.5 | 166.0 | 177.1 | 189.8 | 203.4 | 219.6 | 236.2 | 247.5 | 254.2 | 258.8 | 261.3 | 262.6 |
| 12,5° | 150.4 | 163.4 | 176.8 | 191.2 | 208.5 | 228.7 | 244.2 | 253.7 | 259.4 | 261.0 | 260.3 | 258.1 | 255.4 |
| 15,0° | 152.7 | 169.1 | 184.5 | 203.0 | 225.6 | 243.0 | 253.7 | 258.5 | 258.2 | 255.7 | 252.1 | 249.2 | 247.0 |
| 17,5° | 153.0 | 171.4 | 189.1 | 213.7 | 236.0 | 249.5 | 254.3 | 253.6 | 250.3 | 247.3 | 245.3 | 243.9 | 243.1 |
| 20,0° | 150.7 | 170.1 | 191.9 | 220.1 | 239.7 | 247.8 | 247.7 | 244.7 | 242.2 | 240.9 | 239.8 | 239.4 | 239.0 |
| 22,5° | 146.9 | 167.3 | 194.1 | 222.9 | 239.1 | 241.1 | 238.4 | 236.2 | 234.8 | 234.0 | 233.9 | 234.1 | 234.5 |
| 25,0° | 143.3 | 166.0 | 197.5 | 224.2 | 235.4 | 233.9 | 231.7 | 229.8 | 228.3 | 228.4 | 229.2 | 230.5 | 231.6 |
| 27,5° | 141.6 | 168.5 | 202.2 | 227.6 | 232.9 | 229.8 | 227.0 | 224.2 | 223.4 | 224.5 | 226.5 | 230.0 | 233.3 |
| 30,0° | 143.8 | 174.8 | 209.4 | 232.3 | 233.6 | 228.8 | 223.8 | 220.7 | 220.7 | 223.4 | 228.9 | 235.1 | 241.0 |
| 32,5° | 151.9 | 186.1 | 221.0 | 239.6 | 236.5 | 229.5 | 222.7 | 220.1 | 222.5 | 229.3 | 237.7 | 248.7 | 261.9 |
| 35,0° | 167.3 | 204.1 | 238.0 | 252.1 | 245.3 | 233.3 | 225.7 | 225.6 | 233.1 | 243.5 | 258.5 | 276.2 | 294.8 |
| 37,5° | 189.9 | 231.0 | 265.4 | 275.9 | 263.2 | 243.1 | 234.5 | 238.8 | 249.7 | 266.6 | 287.4 | 310.3 | 332.0 |
| 40,0° | 219.4 | 268.8 | 310.2 | 319.3 | 292.3 | 261.6 | 252.6 | 260.2 | 275.4 | 298.0 | 323.7 | 350.9 | 373.9 |
| 42,5° | 255.2 | 318.2 | 376.2 | 379.5 | 329.0 | 294.5 | 282.7 | 290.6 | 310.0 | 334.9 | 363.8 | 392.0 | 416.1 |
| 45,0° | 291.7 | 377.9 | 460.0 | 441.3 | 383.2 | 346.4 | 329.7 | 335.2 | 356.3 | 380.6 | 408.5 | 437.2 | 467.1 |
| 47,5° | 313.5 | 422.4 | 510.1 | 492.7 | 444.3 | 404.7 | 385.1 | 390.6 | 412.4 | 433.9 | 462.3 | 509.0 | 567.3 |
| 50,0° | 322.1 | 427.1 | 523.1 | 531.8 | 498.3 | 460.9 | 444.9 | 458.7 | 490.7 | 529.8 | 590.9 | 678.4 | 759.4 |
| 52,5° | 330.0 | 423.0 | 510.7 | 534.9 | 511.8 | 482.8 | 480.3 | 520.0 | 602.2 | 709.6 | 803.6 | 883.3 | 935.9 |
| 55,0° | 305.8 | 384.9 | 457.0 | 476.1 | 460.3 | 453.6 | 483.4 | 565.6 | 738.3 | 923.8 | 1005.9 | 1041.7 | 1034.9 |
| 57,5° | 224.1 | 284.8 | 349.1 | 377.3 | 388.0 | 416.9 | 491.6 | 641.3 | 859.1 | 1060.2 | 1125.2 | 1081.1 | 964.9 |
| 60,0° | 124.1 | 156.8 | 227.5 | 273.2 | 299.1 | 350.2 | 474.4 | 685.2 | 902.7 | 1047.0 | 1045.9 | 924.1 | 734.1 |
| 62,5° | 63.0 | 73.0 | 129.6 | 185.8 | 222.2 | 266.7 | 381.8 | 564.4 | 742.6 | 853.1 | 813.5 | 664.6 | 495.2 |
| 65,0° | 42.6 | 44.9 | 81.7 | 136.8 | 181.2 | 216.0 | 273.1 | 371.7 | 467.9 | 543.1 | 529.6 | 413.8 | 301.4 |
| 67,5° | 32.5 | 35.5 | 54.9 | 89.0 | 121.0 | 143.7 | 166.0 | 206.7 | 241.9 | 283.0 | 278.9 | 234.8 | 203.4 |
| 70,0° | 27.0 | 28.2 | 38.3 | 54.2 | 71.1 | 80.0 | 89.0 | 107.6 | 120.9 | 125.1 | 137.6 | 159.0 | 148.1 |
| 72,5° | 22.1 | 22.7 | 23.8 | 26.1 | 38.7 | 50.0 | 53.3 | 52.6 | 32.7 | 50.1 | 82.7 | 108.4 | 102.1 |
| 75,0° | 17.3 | 18.2 | 18.6 | 20.8 | 23.8 | 33.3 | 35.7 | 23.9 | 24.2 | 34.9 | 57.1 | 70.0 | 68.9 |
| 77,5° | 12.3 | 13.6 | 14.7 | 16.3 | 17.7 | 23.3 | 23.2 | 18.2 | 17.8 | 23.1 | 38.9 | 47.5 | 44.6 |
| 80,0° | 8.5 | 9.4 | 11.0 | 12.4 | 13.8 | 14.7 | 14.5 | 12.5 | 11.8 | 14.2 | 22.7 | 26.3 | 22.3 |
| 82,5° | 5.6 | 6.1 | 7.7 | 9.0 | 10.5 | 10.4 | 9.4 | 8.1 | 7.1 | 7.6 | 12.0 | 10.9 | 9.5 |
| 85,0° | 2.7 | 3.3 | 4.5 | 5.5 | 6.0 | 5.5 | 4.9 | 3.8 | 3.3 | 2.8 | 2.9 | 2.9 | 3.1 |
| 87,5° | 1.1 | 1.2 | 1.4 | 1.6 | 1.6 | 1.4 | 1.2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 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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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 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 | Lichtstärke in cd/klm | | | | | | | | | | | | |
| 0,0° | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 |
| 2,5° | 156.6 | 157.4 | 158.2 | 158.9 | 159.9 | 164.9 | 130.5 | 128.8 | 127.2 | 125.6 | 124.1 | 122.9 | 121.7 |
| 5,0° | 200.7 | 204.1 | 206.9 | 209.2 | 211.1 | 208.1 | 131.9 | 128.2 | 124.8 | 121.9 | 119.3 | 117.2 | 115.4 |
| 7,5° | 251.8 | 254.5 | 256.3 | 257.6 | 258.6 | 259.4 | 134.3 | 128.8 | 124.2 | 120.6 | 117.6 | 115.5 | 113.8 |
| 10,0° | 262.9 | 262.7 | 261.8 | 261.0 | 260.3 | 261.7 | 137.0 | 130.1 | 124.5 | 120.7 | 117.9 | 115.7 | 114.0 |
| 12,5° | 252.7 | 250.4 | 248.2 | 246.5 | 245.3 | 245.4 | 139.2 | 130.7 | 124.9 | 121.4 | 118.5 | 116.9 | 118.0 |
| 15,0° | 245.6 | 244.4 | 243.3 | 242.3 | 241.7 | 242.0 | 139.2 | 129.7 | 124.3 | 121.2 | 119.6 | 121.5 | 122.0 |
| 17,5° | 242.5 | 242.2 | 242.0 | 241.8 | 241.8 | 242.1 | 136.8 | 126.8 | 122.1 | 119.9 | 122.3 | 121.8 | 120.9 |
| 20,0° | 238.9 | 239.1 | 239.3 | 239.7 | 240.2 | 240.8 | 132.5 | 122.8 | 118.8 | 120.6 | 120.8 | 119.0 | 112.3 |
| 22,5° | 234.9 | 235.5 | 236.2 | 237.3 | 238.6 | 239.5 | 127.6 | 118.5 | 117.1 | 120.1 | 117.2 | 110.8 | 103.0 |
| 25,0° | 232.8 | 234.3 | 236.2 | 238.3 | 240.1 | 240.7 | 123.8 | 115.5 | 117.5 | 117.1 | 112.7 | 102.5 | 95.4 |
| 27,5° | 235.5 | 237.9 | 241.2 | 245.0 | 248.0 | 251.6 | 122.0 | 114.1 | 119.1 | 114.4 | 104.9 | 95.8 | 88.1 |
| 30,0° | 247.1 | 253.8 | 260.5 | 267.0 | 271.5 | 271.3 | 123.0 | 116.1 | 119.8 | 111.9 | 98.9 | 90.2 | 79.8 |
| 32,5° | 273.6 | 283.7 | 292.5 | 300.5 | 305.7 | 312.0 | 128.5 | 123.1 | 121.2 | 108.8 | 94.1 | 84.0 | 75.1 |
| 35,0° | 310.3 | 322.7 | 333.0 | 341.7 | 347.8 | 347.3 | 139.5 | 135.3 | 123.3 | 105.0 | 89.7 | 77.9 | 73.4 |
| 37,5° | 350.9 | 365.7 | 376.4 | 385.0 | 391.1 | 393.4 | 155.8 | 149.6 | 126.9 | 103.3 | 85.9 | 75.6 | 73.2 |
| 40,0° | 394.0 | 410.6 | 422.4 | 431.0 | 437.2 | 436.5 | 178.6 | 167.3 | 134.1 | 105.7 | 84.0 | 76.1 | 74.0 |
| 42,5° | 437.8 | 455.4 | 469.6 | 480.6 | 488.5 | 498.0 | 204.1 | 186.9 | 144.7 | 111.1 | 85.3 | 76.9 | 74.4 |
| 45,0° | 496.1 | 523.4 | 548.1 | 567.3 | 579.9 | 574.6 | 230.4 | 207.0 | 158.8 | 119.3 | 86.5 | 76.9 | 75.2 |
| 47,5° | 622.1 | 667.2 | 704.9 | 729.3 | 744.5 | 772.1 | 248.7 | 221.2 | 172.9 | 124.8 | 85.9 | 75.9 | 75.1 |
| 50,0° | 817.7 | 856.0 | 877.6 | 887.8 | 897.6 | 897.0 | 262.7 | 232.7 | 181.0 | 121.5 | 80.7 | 72.4 | 72.3 |
| 52,5° | 957.0 | 949.9 | 942.3 | 953.3 | 956.1 | 957.8 | 270.4 | 223.5 | 168.0 | 104.5 | 72.0 | 66.7 | 68.0 |
| 55,0° | 985.4 | 918.4 | 850.3 | 805.3 | 795.7 | 817.1 | 242.5 | 183.3 | 124.3 | 77.7 | 60.2 | 59.3 | 63.2 |
| 57,5° | 820.8 | 679.3 | 557.4 | 471.0 | 414.0 | 399.4 | 168.5 | 121.8 | 83.1 | 58.3 | 49.6 | 50.4 | 58.2 |
| 60,0° | 565.9 | 416.9 | 291.2 | 218.8 | 201.8 | 204.1 | 98.5 | 76.3 | 60.2 | 49.5 | 42.7 | 42.5 | 51.4 |
| 62,5° | 352.9 | 225.2 | 172.1 | 164.4 | 165.0 | 163.5 | 62.0 | 53.1 | 50.9 | 44.0 | 38.6 | 37.9 | 42.6 |
| 65,0° | 215.8 | 157.2 | 148.0 | 144.2 | 146.1 | 148.1 | 45.1 | 41.3 | 45.0 | 39.4 | 35.9 | 35.1 | 37.7 |
| 67,5° | 155.8 | 138.1 | 133.4 | 129.5 | 129.8 | 126.1 | 35.6 | 35.3 | 36.1 | 34.5 | 32.8 | 32.2 | 34.9 |
| 70,0° | 123.4 | 120.3 | 112.5 | 104.4 | 99.6 | 99.7 | 28.5 | 30.8 | 31.5 | 31.1 | 29.5 | 29.2 | 32.2 |
| 72,5° | 90.4 | 88.2 | 79.7 | 70.9 | 68.2 | 63.4 | 23.2 | 24.9 | 27.7 | 26.3 | 25.0 | 25.2 | 27.5 |
| 75,0° | 64.4 | 59.0 | 56.6 | 51.9 | 49.2 | 49.4 | 19.3 | 20.8 | 21.2 | 21.1 | 20.8 | 20.7 | 21.5 |
| 77,5° | 39.1 | 35.8 | 37.0 | 39.4 | 36.6 | 32.0 | 13.8 | 15.5 | 15.5 | 15.5 | 15.9 | 15.5 | 15.0 |
| 80,0° | 19.4 | 19.5 | 22.1 | 22.4 | 19.3 | 18.9 | 9.2 | 10.4 | 10.5 | 10.7 | 10.7 | 10.1 | 9.5 |
| 82,5° | 9.4 | 9.3 | 10.3 | 10.0 | 8.2 | 7.7 | 5.7 | 6.3 | 6.7 | 6.6 | 6.3 | 5.9 | 5.5 |
| 85,0° | 3.1 | 3.0 | 2.9 | 2.9 | 2.8 | 3.0 | 2.9 | 3.2 | 3.4 | 3.2 | 3.1 | 2.9 | 2.7 |
| 87,5° | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 |
| 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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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 220° 320° | 225° 315° | 230° 310° | 235° 305° | 240° 300° | 245° 295° | 250° 290° | 255° 285° | 260° 280° | 265° 275° | 270° | Phi-Zone | Summe Phi-Zone |
|--------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------------|-------------------|
| γ | Lichtstärke in cd/klm | | | | | | | | | | | Lichtstrom in lm/klm | |
| 0,0° | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 131.6 | 0.2 | 0.2 |
| 2,5° | 120.5 | 119.5 | 118.5 | 117.8 | 117.0 | 116.5 | 116.1 | 115.8 | 115.6 | 115.3 | 115.3 | 1.6 | 1.8 |
| 5,0° | 113.8 | 112.6 | 111.6 | 110.9 | 110.4 | 110.0 | 109.7 | 109.6 | 109.4 | 109.1 | 109.2 | 3.5 | 5.3 |
| 7,5° | 112.5 | 111.3 | 110.4 | 110.0 | 110.0 | 110.3 | 110.8 | 111.4 | 111.9 | 112.1 | 112.2 | 5.9 | 11.2 |
| 10,0° | 113.2 | 113.9 | 115.3 | 116.9 | 118.0 | 118.9 | 120.0 | 120.9 | 121.7 | 122.0 | 122.0 | 8.4 | 19.6 |
| 12,5° | 119.7 | 120.5 | 121.6 | 122.0 | 120.4 | 118.5 | 116.9 | 115.9 | 115.3 | 114.8 | 114.6 | 10.5 | 30.1 |
| 15,0° | 122.1 | 120.5 | 116.5 | 113.3 | 110.9 | 109.0 | 107.6 | 106.7 | 106.1 | 105.6 | 105.2 | 12.5 | 42.6 |
| 17,5° | 115.7 | 110.7 | 106.8 | 103.7 | 101.2 | 98.4 | 94.9 | 91.4 | 88.7 | 87.1 | 86.6 | 14.2 | 56.8 |
| 20,0° | 106.2 | 101.5 | 97.6 | 92.5 | 85.4 | 80.0 | 77.7 | 77.1 | 77.0 | 77.0 | 76.9 | 15.6 | 72.4 |
| 22,5° | 97.2 | 91.7 | 83.1 | 76.4 | 74.6 | 74.5 | 74.9 | 75.4 | 75.7 | 76.0 | 76.1 | 16.9 | 89.3 |
| 25,0° | 88.7 | 78.4 | 73.8 | 72.9 | 73.0 | 73.6 | 74.4 | 75.3 | 76.2 | 76.8 | 77.1 | 18.3 | 107.7 |
| 27,5° | 77.4 | 72.9 | 71.9 | 71.8 | 72.1 | 72.9 | 74.3 | 75.8 | 77.2 | 78.1 | 78.5 | 19.9 | 127.6 |
| 30,0° | 73.6 | 71.9 | 71.4 | 71.4 | 71.7 | 72.7 | 74.5 | 76.4 | 78.1 | 79.3 | 79.7 | 22.0 | 149.6 |
| 32,5° | 72.5 | 71.5 | 71.3 | 71.0 | 71.4 | 72.5 | 74.3 | 76.4 | 78.2 | 79.3 | 79.6 | 24.7 | 174.3 |
| 35,0° | 72.1 | 71.7 | 71.3 | 71.2 | 71.2 | 72.0 | 73.0 | 74.5 | 76.2 | 77.3 | 77.7 | 28.1 | 202.4 |
| 37,5° | 72.9 | 73.2 | 73.4 | 72.0 | 70.5 | 70.0 | 70.4 | 71.0 | 71.9 | 72.8 | 73.3 | 32.3 | 234.7 |
| 40,0° | 73.9 | 75.3 | 75.1 | 71.5 | 68.7 | 66.7 | 66.6 | 67.4 | 68.6 | 69.5 | 69.9 | 37.6 | 272.3 |
| 42,5° | 74.4 | 76.4 | 74.5 | 69.2 | 66.0 | 64.5 | 64.1 | 64.7 | 66.1 | 67.6 | 68.3 | 43.9 | 316.2 |
| 45,0° | 75.2 | 75.9 | 73.1 | 68.2 | 64.3 | 62.2 | 61.4 | 62.3 | 64.3 | 66.3 | 67.4 | 52.1 | 368.3 |
| 47,5° | 75.1 | 74.8 | 73.2 | 67.8 | 62.7 | 60.7 | 60.0 | 61.4 | 64.6 | 67.3 | 68.4 | 63.5 | 431.8 |
| 50,0° | 74.2 | 74.8 | 72.5 | 67.4 | 61.7 | 59.9 | 60.1 | 60.9 | 62.5 | 64.5 | 66.0 | 77.1 | 508.9 |
| 52,5° | 72.3 | 73.4 | 70.7 | 67.3 | 61.5 | 59.5 | 57.9 | 58.1 | 59.9 | 61.8 | 64.0 | 88.3 | 597.2 |
| 55,0° | 69.1 | 70.8 | 68.3 | 66.7 | 61.9 | 57.2 | 55.2 | 55.5 | 56.4 | 58.2 | 61.7 | 90.8 | 688.0 |
| 57,5° | 65.7 | 67.4 | 65.6 | 66.0 | 61.7 | 55.4 | 52.8 | 52.5 | 53.7 | 55.6 | 58.5 | 81.1 | 769.0 |
| 60,0° | 61.4 | 63.0 | 62.1 | 63.8 | 61.7 | 55.3 | 51.6 | 51.0 | 52.2 | 56.1 | 60.3 | 66.4 | 835.4 |
| 62,5° | 52.6 | 57.3 | 56.9 | 60.4 | 60.7 | 55.9 | 51.6 | 51.3 | 57.5 | 69.3 | 75.4 | 51.0 | 886.5 |
| 65,0° | 43.1 | 48.7 | 51.4 | 55.4 | 57.9 | 56.1 | 52.5 | 56.3 | 62.8 | 61.2 | 61.7 | 36.9 | 923.4 |
| 67,5° | 37.4 | 38.3 | 42.6 | 48.4 | 54.0 | 54.3 | 53.4 | 55.3 | 52.6 | 53.2 | 54.3 | 25.3 | 948.7 |
| 70,0° | 32.2 | 30.9 | 33.3 | 40.0 | 47.3 | 50.8 | 51.5 | 49.0 | 47.0 | 48.3 | 49.4 | 17.6 | 966.3 |
| 72,5° | 25.8 | 25.0 | 24.1 | 28.5 | 36.2 | 42.4 | 45.8 | 39.0 | 39.0 | 39.6 | 40.0 | 11.9 | 978.2 |
| 75,0° | 19.8 | 17.8 | 17.9 | 20.3 | 25.4 | 31.1 | 36.7 | 33.2 | 30.3 | 30.4 | 31.0 | 8.7 | 986.9 |
| 77,5° | 13.8 | 12.8 | 12.8 | 14.4 | 18.1 | 21.3 | 25.2 | 25.0 | 21.7 | 21.6 | 22.2 | 6.1 | 993.0 |
| 80,0° | 8.7 | 8.6 | 8.6 | 9.3 | 11.7 | 12.3 | 13.6 | 15.3 | 13.6 | 13.3 | 13.5 | 3.7 | 996.7 |
| 82,5° | 5.2 | 5.1 | 5.1 | 5.6 | 6.8 | 6.7 | 6.7 | 7.3 | 7.2 | 6.9 | 7.1 | 2.1 | 998.8 |
| 85,0° | 2.6 | 2.5 | 2.5 | 2.6 | 2.8 | 2.7 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 | 0.9 | 999.7 |
| 87,5° | 1.2 | 1.3 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 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 |

Lichttechnischer Prüfbefund

| | | |
|--|---|--------------------------------------|
| Familie Floodlight FL21 midi | Bestell-Nr.: 5XA7781F4E1A EAN: 4058352853139 | LP-Nummer 59252_197 |
|--|---|--------------------------------------|

| | | |
|---------------------------|---------------------------|---------------|
| Dimmstufen-Tabelle | Umgebungstemperatur: 25°C | siteco |
|---------------------------|---------------------------|---------------|

| Lichtstrom [%] | Dimmstufe linear | Dimmstufe logarithmisch | Lichtstrom [lm] | Systemleistung [W] Lebensdauerbeginn | Systemleistung [W] Lebensdauerende | Systemleistung [W] Durchschnitt |
|----------------|------------------|-------------------------|-----------------|--------------------------------------|------------------------------------|---------------------------------|
| 100 | 254 | 254 | 36050 | 270.2 | 286.6 | 278.4 |
| 95 | 241 | 252 | 34205 | 251.7 | 266.8 | 259.2 |
| 90 | 229 | 250 | 32502 | 235.4 | 249.4 | 242.4 |
| 85 | 216 | 248 | 30657 | 218.4 | 231.3 | 224.8 |
| 80 | 203 | 246 | 28812 | 202.1 | 214.0 | 208.0 |
| 75 | 190 | 243 | 26967 | 186.5 | 197.3 | 191.9 |
| 70 | 178 | 241 | 25263 | 172.6 | 182.5 | 177.6 |
| 65 | 165 | 238 | 23418 | 158.0 | 167.0 | 162.5 |
| 60 | 152 | 235 | 21573 | 143.8 | 152.0 | 147.9 |
| 55 | 140 | 232 | 19870 | 131.2 | 138.6 | 134.9 |
| 50 | 127 | 229 | 18025 | 117.7 | 124.4 | 121.0 |
| 45 | 114 | 225 | 16180 | 104.5 | 110.6 | 107.6 |
| 40 | 102 | 221 | 14477 | 92.7 | 97.9 | 95.3 |
| 35 | 89 | 216 | 12632 | 80.2 | 84.6 | 82.4 |
| 30 | 76 | 210 | 10787 | 68.1 | 71.8 | 69.9 |
| 25 | 63 | 203 | 8942 | 56.4 | 59.4 | 57.9 |
| 20 | 51 | 195 | 7238 | 45.9 | 48.3 | 47.1 |
| 15 | 38 | 184 | 5393 | 34.9 | 36.6 | 35.8 |
| 12 | 31 | 177 | 4400 | 29.0 | 30.4 | 29.7 |