

Lichttechnischer Prüfbefund

Familie
Floodlight FL21 midi

Bestell-Nr.: 5XA7782E4C3A
EAN: 4058352853856

LP-Nummer
58550_149



| | |
|------------------------|--|
| Ausführung | Mastbügel |
| Optik | asymmetrisch strahlend PL61 |
| Abdeckung | Einscheibensicherheitsglas (ESG) |
| Bestückung | LED 4000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 27490 lm Systemleistung = 208.1 W Lichtausbeute = 132.1 lm/W |

Seriendokumentation
22.08.2023

siteco

Lichtstärke in cd/klm

C180-0

C190-10

C195-15

C270-90

Imax: 745 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G3 |
| Imax 70° | 640.5 |
| Imax 80° | 24.8 |
| Imax 90° | 0.0 |
| Imax >90° | 0.0 |
| Imax >95° | 0.0 |

Messbedingungen

DIN EN 13032 und DIN 5032

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| Familie Floodlight FL21 midi | Bestell-Nr.: 5XA7782E4C3A EAN: 4058352853856 | LP-Nummer 58550_149 |
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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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|--|---|--------------------------------------|
| Familie Floodlight FL21 midi | Bestell-Nr.: 5XA7782E4C3A EAN: 4058352853856 | LP-Nummer 58550_149 |
| 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° | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 |
| 2,5° | 239.2 | 240.6 | 242.2 | 243.7 | 245.4 | 247.0 | 248.5 | 249.7 | 250.8 | 251.8 | 252.8 | 253.7 | 254.4 |
| 5,0° | 239.5 | 242.7 | 245.9 | 249.0 | 251.9 | 254.7 | 257.2 | 259.4 | 261.3 | 263.0 | 264.5 | 265.8 | 266.9 |
| 7,5° | 239.6 | 244.5 | 249.0 | 253.2 | 257.1 | 260.7 | 264.0 | 266.7 | 269.0 | 270.9 | 272.5 | 273.9 | 275.0 |
| 10,0° | 240.7 | 247.3 | 253.2 | 258.3 | 262.9 | 266.8 | 270.2 | 272.8 | 274.8 | 276.2 | 277.6 | 279.1 | 280.5 |
| 12,5° | 242.1 | 250.3 | 257.5 | 263.6 | 268.7 | 272.8 | 276.1 | 278.5 | 280.3 | 281.7 | 282.9 | 284.2 | 285.5 |
| 15,0° | 243.2 | 253.2 | 261.6 | 268.3 | 273.6 | 277.7 | 281.0 | 283.8 | 286.1 | 287.9 | 289.3 | 290.5 | 291.6 |
| 17,5° | 244.4 | 256.2 | 265.8 | 273.1 | 278.6 | 282.6 | 286.0 | 288.9 | 291.7 | 294.1 | 296.3 | 298.1 | 299.7 |
| 20,0° | 247.2 | 262.0 | 273.1 | 280.6 | 285.3 | 288.9 | 292.0 | 294.9 | 297.5 | 300.4 | 303.7 | 306.4 | 308.1 |
| 22,5° | 250.6 | 267.7 | 280.5 | 289.0 | 293.0 | 295.6 | 299.1 | 302.4 | 305.2 | 308.2 | 312.1 | 315.5 | 317.9 |
| 25,0° | 253.7 | 271.8 | 285.2 | 293.6 | 298.4 | 302.0 | 305.7 | 309.5 | 313.2 | 316.6 | 319.7 | 323.6 | 326.3 |
| 27,5° | 259.5 | 280.4 | 295.5 | 304.9 | 310.5 | 314.1 | 316.1 | 318.8 | 322.5 | 326.2 | 329.4 | 331.8 | 333.4 |
| 30,0° | 262.3 | 285.3 | 301.7 | 311.7 | 318.2 | 323.2 | 326.6 | 328.9 | 330.9 | 334.2 | 335.4 | 334.9 | 332.8 |
| 32,5° | 266.9 | 291.7 | 309.3 | 319.4 | 325.5 | 330.3 | 334.7 | 338.2 | 339.3 | 338.9 | 336.5 | 331.7 | 325.8 |
| 35,0° | 273.0 | 300.4 | 319.1 | 330.7 | 337.7 | 342.5 | 346.3 | 348.7 | 347.4 | 340.9 | 331.9 | 324.2 | 315.2 |
| 37,5° | 280.8 | 310.7 | 331.0 | 344.1 | 352.2 | 356.8 | 359.5 | 358.9 | 351.7 | 339.1 | 323.9 | 313.3 | 300.6 |
| 40,0° | 291.0 | 324.4 | 346.4 | 360.2 | 368.8 | 374.4 | 376.5 | 369.9 | 354.1 | 333.7 | 312.4 | 293.8 | 275.9 |
| 42,5° | 303.8 | 340.0 | 363.4 | 378.0 | 386.3 | 391.3 | 391.2 | 378.8 | 354.2 | 323.4 | 294.1 | 267.2 | 243.1 |
| 45,0° | 316.2 | 356.0 | 380.1 | 394.5 | 403.2 | 407.8 | 401.4 | 380.8 | 347.9 | 309.8 | 273.1 | 238.7 | 207.4 |
| 47,5° | 333.1 | 374.5 | 399.2 | 413.4 | 421.6 | 424.7 | 412.0 | 378.8 | 338.2 | 294.3 | 248.5 | 208.9 | 176.1 |
| 50,0° | 349.4 | 394.1 | 420.1 | 434.7 | 442.0 | 440.1 | 418.4 | 377.5 | 326.4 | 275.1 | 222.7 | 184.4 | 169.2 |
| 52,5° | 371.1 | 416.7 | 444.9 | 459.9 | 464.5 | 452.4 | 419.9 | 370.6 | 310.9 | 252.5 | 204.0 | 186.7 | 195.6 |
| 55,0° | 396.9 | 446.5 | 476.8 | 490.8 | 491.6 | 467.2 | 422.8 | 361.7 | 293.9 | 233.1 | 204.4 | 210.0 | 235.1 |
| 57,5° | 434.2 | 490.3 | 522.2 | 531.6 | 524.1 | 485.2 | 423.4 | 351.0 | 274.1 | 222.1 | 219.9 | 252.9 | 291.6 |
| 60,0° | 489.5 | 549.8 | 579.9 | 585.8 | 565.7 | 508.8 | 430.4 | 338.9 | 258.8 | 233.1 | 262.9 | 299.7 | 321.7 |
| 62,5° | 593.3 | 647.0 | 670.9 | 665.5 | 624.4 | 544.2 | 440.8 | 335.5 | 273.5 | 278.1 | 304.7 | 316.3 | 310.1 |
| 65,0° | 673.3 | 726.9 | 744.7 | 729.6 | 673.5 | 579.4 | 465.3 | 363.6 | 317.2 | 316.8 | 319.7 | 306.5 | 282.1 |
| 67,5° | 692.3 | 734.5 | 738.2 | 706.3 | 642.7 | 556.8 | 463.7 | 382.3 | 347.7 | 336.9 | 316.9 | 279.9 | 236.1 |
| 70,0° | 629.0 | 640.5 | 619.1 | 578.0 | 519.0 | 457.0 | 394.4 | 353.3 | 340.5 | 324.9 | 286.4 | 233.9 | 198.5 |
| 72,5° | 327.9 | 325.8 | 291.9 | 301.0 | 323.1 | 314.1 | 287.3 | 268.5 | 257.1 | 233.5 | 204.7 | 182.0 | 158.1 |
| 75,0° | 97.0 | 63.1 | 54.8 | 75.1 | 154.3 | 189.6 | 178.5 | 152.6 | 113.5 | 87.4 | 107.1 | 102.2 | 86.8 |
| 77,5° | 32.8 | 28.1 | 25.1 | 25.4 | 52.2 | 80.6 | 76.8 | 38.5 | 23.7 | 25.5 | 35.7 | 35.5 | 32.3 |
| 80,0° | 20.7 | 17.4 | 17.1 | 16.6 | 19.5 | 24.8 | 19.4 | 13.3 | 12.8 | 13.0 | 14.2 | 16.7 | 16.3 |
| 82,5° | 10.1 | 9.1 | 9.8 | 10.2 | 9.5 | 9.2 | 8.9 | 7.5 | 7.6 | 7.7 | 7.4 | 8.2 | 8.6 |
| 85,0° | 3.6 | 3.2 | 3.4 | 3.4 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.2 | 3.2 | 3.1 |
| 87,5° | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.6 | 0.6 |
| 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 |

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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° | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 |
| 2,5° | 255.0 | 255.6 | 256.1 | 256.5 | 256.9 | 257.0 | 237.6 | 236.0 | 234.3 | 232.7 | 231.2 | 229.8 | 228.5 |
| 5,0° | 267.7 | 268.3 | 269.0 | 269.7 | 270.2 | 270.3 | 236.0 | 232.3 | 228.7 | 225.1 | 221.6 | 218.2 | 215.0 |
| 7,5° | 275.7 | 276.2 | 276.8 | 277.5 | 278.0 | 278.2 | 234.1 | 228.5 | 222.8 | 217.2 | 211.7 | 206.5 | 201.3 |
| 10,0° | 281.4 | 282.1 | 282.9 | 283.9 | 284.6 | 284.9 | 233.4 | 225.6 | 217.7 | 209.9 | 202.2 | 194.8 | 187.6 |
| 12,5° | 286.9 | 288.2 | 289.4 | 290.5 | 291.4 | 291.7 | 232.7 | 222.8 | 212.6 | 202.7 | 192.8 | 183.2 | 173.6 |
| 15,0° | 293.1 | 295.1 | 297.1 | 298.7 | 299.6 | 299.8 | 231.8 | 219.5 | 207.0 | 194.8 | 182.8 | 171.1 | 159.1 |
| 17,5° | 301.1 | 303.2 | 305.8 | 307.7 | 308.7 | 309.1 | 230.8 | 216.0 | 201.1 | 186.5 | 171.9 | 157.5 | 143.0 |
| 20,0° | 309.2 | 310.8 | 313.6 | 315.4 | 316.0 | 316.0 | 230.5 | 213.1 | 195.5 | 178.2 | 160.7 | 143.4 | 127.2 |
| 22,5° | 318.3 | 319.3 | 321.7 | 324.1 | 324.3 | 324.1 | 231.1 | 210.8 | 190.3 | 170.2 | 149.8 | 130.0 | 112.4 |
| 25,0° | 327.4 | 327.5 | 328.5 | 330.3 | 329.8 | 329.1 | 232.1 | 208.5 | 184.8 | 161.1 | 138.0 | 116.2 | 95.6 |
| 27,5° | 332.5 | 329.9 | 328.9 | 329.9 | 328.0 | 325.9 | 234.0 | 206.8 | 179.1 | 151.6 | 124.4 | 97.9 | 81.4 |
| 30,0° | 329.4 | 323.9 | 321.5 | 321.3 | 317.4 | 313.1 | 234.1 | 203.6 | 172.4 | 141.4 | 106.9 | 82.4 | 76.2 |
| 32,5° | 319.2 | 312.0 | 307.3 | 304.1 | 295.6 | 290.9 | 235.8 | 201.7 | 166.6 | 129.7 | 91.2 | 75.8 | 73.5 |
| 35,0° | 305.5 | 295.3 | 287.6 | 278.7 | 266.3 | 263.1 | 238.3 | 200.3 | 161.0 | 115.5 | 79.9 | 72.0 | 70.9 |
| 37,5° | 285.5 | 270.6 | 258.3 | 240.6 | 226.8 | 225.0 | 242.2 | 198.9 | 151.7 | 100.3 | 73.3 | 69.3 | 68.5 |
| 40,0° | 255.6 | 237.1 | 219.7 | 195.2 | 185.0 | 183.7 | 248.0 | 198.8 | 140.1 | 85.3 | 68.2 | 66.5 | 65.9 |
| 42,5° | 218.8 | 194.2 | 173.9 | 156.4 | 149.0 | 148.0 | 254.8 | 201.0 | 131.0 | 77.5 | 64.8 | 63.6 | 63.2 |
| 45,0° | 181.0 | 156.7 | 141.7 | 130.5 | 126.7 | 127.1 | 263.3 | 201.7 | 120.4 | 71.4 | 61.7 | 60.7 | 60.4 |
| 47,5° | 157.5 | 145.8 | 141.0 | 141.9 | 141.4 | 144.0 | 275.1 | 206.3 | 118.8 | 68.7 | 59.2 | 58.2 | 57.8 |
| 50,0° | 172.0 | 175.4 | 180.4 | 188.9 | 191.2 | 194.6 | 287.2 | 210.9 | 113.6 | 65.4 | 56.6 | 55.6 | 55.1 |
| 52,5° | 211.8 | 224.2 | 237.9 | 253.7 | 258.4 | 261.7 | 302.8 | 214.9 | 112.5 | 63.4 | 54.2 | 53.1 | 52.5 |
| 55,0° | 265.3 | 288.2 | 308.0 | 327.0 | 329.2 | 331.6 | 321.4 | 220.0 | 112.7 | 61.3 | 51.8 | 50.5 | 50.0 |
| 57,5° | 323.1 | 340.4 | 353.1 | 365.8 | 363.4 | 363.4 | 352.4 | 230.7 | 116.6 | 60.1 | 49.3 | 48.0 | 47.5 |
| 60,0° | 331.5 | 333.4 | 339.3 | 346.1 | 339.9 | 339.9 | 397.0 | 252.7 | 122.8 | 59.8 | 46.9 | 45.5 | 45.0 |
| 62,5° | 300.7 | 290.4 | 287.4 | 286.7 | 277.0 | 273.4 | 483.0 | 311.0 | 147.5 | 64.8 | 45.3 | 43.3 | 42.6 |
| 65,0° | 253.4 | 227.2 | 212.9 | 212.7 | 205.1 | 203.4 | 568.9 | 385.2 | 207.0 | 89.5 | 46.7 | 41.7 | 40.4 |
| 67,5° | 201.9 | 183.2 | 157.4 | 145.0 | 134.7 | 137.1 | 586.1 | 419.8 | 251.0 | 133.6 | 58.6 | 42.4 | 37.8 |
| 70,0° | 179.3 | 159.0 | 76.7 | 59.5 | 55.4 | 61.0 | 469.1 | 325.6 | 213.5 | 120.4 | 59.8 | 44.4 | 36.6 |
| 72,5° | 141.1 | 117.8 | 36.2 | 28.5 | 28.5 | 27.5 | 196.0 | 136.9 | 113.2 | 71.9 | 45.2 | 39.0 | 32.2 |
| 75,0° | 76.2 | 62.7 | 25.0 | 21.1 | 20.9 | 19.7 | 57.7 | 36.1 | 37.9 | 34.6 | 27.7 | 25.8 | 23.8 |
| 77,5° | 31.6 | 29.8 | 17.0 | 14.9 | 14.6 | 13.4 | 26.4 | 22.7 | 22.4 | 20.9 | 18.3 | 17.0 | 16.6 |
| 80,0° | 14.2 | 13.2 | 10.0 | 9.3 | 8.7 | 8.1 | 18.9 | 15.6 | 13.6 | 13.0 | 11.9 | 11.2 | 11.1 |
| 82,5° | 7.0 | 6.3 | 5.3 | 4.8 | 4.3 | 4.0 | 10.3 | 8.8 | 7.5 | 7.3 | 8.1 | 6.8 | 6.7 |
| 85,0° | 2.6 | 2.3 | 1.9 | 1.7 | 1.7 | 1.6 | 3.8 | 3.4 | 3.2 | 3.3 | 3.7 | 3.4 | 3.3 |
| 87,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.3 | 1.3 | 1.3 | 1.4 | 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 |

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| Wertetabelle Lichtstärkemessung | Maximale Lichtstärke | siteco |
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| 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° | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 239.5 | 0.4 | 0.4 |
| 2,5° | 227.2 | 225.9 | 224.6 | 223.6 | 222.7 | 221.9 | 221.2 | 220.5 | 220.1 | 219.9 | 219.9 | 2.9 | 3.2 |
| 5,0° | 212.0 | 209.0 | 206.3 | 203.8 | 201.6 | 199.6 | 197.9 | 196.6 | 195.6 | 195.2 | 195.0 | 5.6 | 8.9 |
| 7,5° | 196.3 | 191.7 | 187.4 | 183.4 | 179.7 | 176.5 | 173.7 | 171.6 | 170.0 | 169.2 | 168.9 | 8.3 | 17.1 |
| 10,0° | 180.5 | 173.8 | 167.5 | 161.7 | 156.3 | 151.7 | 147.7 | 144.7 | 142.5 | 141.3 | 140.9 | 10.7 | 27.9 |
| 12,5° | 164.1 | 154.9 | 146.3 | 138.5 | 131.5 | 125.6 | 120.8 | 117.2 | 114.6 | 113.1 | 112.6 | 13.1 | 40.9 |
| 15,0° | 147.0 | 135.8 | 125.6 | 116.9 | 109.5 | 103.6 | 99.0 | 95.9 | 93.7 | 92.4 | 91.9 | 15.3 | 56.2 |
| 17,5° | 129.3 | 117.1 | 105.9 | 95.3 | 87.4 | 82.1 | 78.6 | 76.3 | 75.0 | 74.1 | 73.9 | 17.4 | 73.6 |
| 20,0° | 113.2 | 98.1 | 85.6 | 79.3 | 76.7 | 75.0 | 73.8 | 72.9 | 72.0 | 71.4 | 71.2 | 19.7 | 93.3 |
| 22,5° | 95.0 | 82.3 | 78.1 | 76.5 | 75.2 | 73.9 | 72.6 | 71.5 | 70.5 | 69.8 | 69.6 | 22.2 | 115.5 |
| 25,0° | 81.5 | 77.6 | 76.4 | 75.4 | 74.3 | 72.9 | 71.5 | 70.2 | 69.0 | 68.1 | 67.7 | 24.6 | 140.0 |
| 27,5° | 77.2 | 75.9 | 75.2 | 74.4 | 73.3 | 71.9 | 70.3 | 68.8 | 67.5 | 66.4 | 65.8 | 27.0 | 167.1 |
| 30,0° | 75.0 | 74.4 | 74.0 | 73.4 | 72.4 | 71.1 | 69.4 | 67.6 | 66.1 | 64.8 | 64.1 | 29.1 | 196.2 |
| 32,5° | 73.0 | 72.8 | 72.7 | 72.3 | 71.5 | 70.1 | 68.3 | 66.4 | 64.7 | 63.1 | 62.3 | 31.0 | 227.2 |
| 35,0° | 70.7 | 70.7 | 71.1 | 70.8 | 70.1 | 68.7 | 66.8 | 64.7 | 62.8 | 61.1 | 60.1 | 32.6 | 259.8 |
| 37,5° | 68.4 | 68.7 | 69.0 | 68.9 | 68.3 | 67.0 | 65.2 | 63.0 | 60.9 | 58.9 | 57.7 | 33.9 | 293.7 |
| 40,0° | 65.9 | 66.3 | 66.6 | 66.6 | 66.1 | 64.9 | 62.8 | 60.8 | 58.8 | 56.8 | 55.7 | 34.8 | 328.4 |
| 42,5° | 63.2 | 63.5 | 63.8 | 64.2 | 63.5 | 62.2 | 60.9 | 59.1 | 57.1 | 55.1 | 53.9 | 35.4 | 363.8 |
| 45,0° | 60.3 | 60.4 | 60.9 | 60.8 | 60.4 | 59.8 | 59.0 | 57.6 | 56.0 | 54.0 | 52.7 | 35.9 | 399.7 |
| 47,5° | 57.5 | 57.6 | 57.6 | 57.5 | 57.5 | 57.4 | 57.2 | 56.6 | 55.4 | 53.4 | 52.3 | 37.4 | 437.1 |
| 50,0° | 54.8 | 54.7 | 54.2 | 54.4 | 54.7 | 55.2 | 55.8 | 56.1 | 55.4 | 53.9 | 52.9 | 40.1 | 477.3 |
| 52,5° | 52.3 | 51.8 | 51.5 | 51.8 | 52.6 | 54.0 | 55.8 | 57.1 | 56.9 | 56.1 | 55.4 | 44.0 | 521.3 |
| 55,0° | 49.7 | 49.1 | 49.3 | 49.8 | 51.2 | 54.0 | 57.2 | 59.7 | 59.7 | 59.4 | 59.0 | 49.0 | 570.3 |
| 57,5° | 47.0 | 46.7 | 47.1 | 48.1 | 50.3 | 54.9 | 60.1 | 63.2 | 62.8 | 62.9 | 63.2 | 54.1 | 624.4 |
| 60,0° | 44.4 | 44.3 | 44.9 | 46.7 | 50.3 | 56.4 | 63.0 | 65.8 | 64.7 | 64.9 | 65.4 | 58.2 | 682.6 |
| 62,5° | 41.9 | 41.8 | 42.6 | 45.2 | 49.8 | 56.6 | 63.2 | 65.4 | 63.8 | 64.3 | 64.7 | 62.7 | 745.4 |
| 65,0° | 39.4 | 39.1 | 40.3 | 43.4 | 48.5 | 55.5 | 62.0 | 63.2 | 60.9 | 61.1 | 61.7 | 66.5 | 811.9 |
| 67,5° | 36.2 | 35.8 | 37.1 | 40.3 | 45.6 | 52.7 | 58.1 | 58.5 | 55.7 | 55.6 | 56.0 | 65.8 | 877.7 |
| 70,0° | 32.2 | 31.7 | 33.2 | 36.7 | 41.9 | 47.8 | 51.8 | 51.5 | 48.8 | 48.0 | 48.6 | 56.2 | 933.9 |
| 72,5° | 27.3 | 26.7 | 28.3 | 31.5 | 36.0 | 40.7 | 43.3 | 42.4 | 39.8 | 38.7 | 39.9 | 35.2 | 969.1 |
| 75,0° | 21.9 | 21.8 | 23.2 | 26.0 | 29.5 | 33.0 | 34.3 | 33.1 | 30.6 | 30.0 | 31.7 | 16.3 | 985.4 |
| 77,5° | 16.5 | 16.7 | 17.8 | 19.8 | 22.4 | 24.6 | 25.4 | 23.9 | 21.9 | 21.5 | 22.1 | 7.4 | 992.8 |
| 80,0° | 11.3 | 11.4 | 12.2 | 13.6 | 15.1 | 16.4 | 16.6 | 15.2 | 13.9 | 13.5 | 13.6 | 3.9 | 996.7 |
| 82,5° | 6.7 | 6.8 | 7.2 | 7.7 | 8.1 | 8.4 | 8.2 | 7.5 | 6.9 | 6.7 | 6.7 | 2.1 | 998.8 |
| 85,0° | 3.2 | 3.1 | 3.2 | 3.3 | 3.4 | 3.6 | 3.5 | 3.1 | 2.8 | 2.7 | 2.7 | 0.8 | 999.7 |
| 87,5° | 1.2 | 1.2 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 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 |

Lichttechnischer Prüfbefund

| | | |
|--|---|--------------------------------------|
| Familie Floodlight FL21 midi | Bestell-Nr.: 5XA7782E4C3A EAN: 4058352853856 | LP-Nummer 58550_149 |
|--|---|--------------------------------------|

| | | |
|---------------------------|---------------------------|---------------|
| 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 | 27490 | 208.1 | 227.1 | 217.6 |
| 95 | 241 | 252 | 26083 | 193.9 | 211.3 | 202.6 |
| 90 | 229 | 250 | 24784 | 181.3 | 197.6 | 189.4 |
| 85 | 216 | 248 | 23377 | 168.1 | 183.1 | 175.6 |
| 80 | 203 | 246 | 21970 | 155.4 | 169.1 | 162.2 |
| 75 | 190 | 243 | 20563 | 143.4 | 155.7 | 149.6 |
| 70 | 178 | 241 | 19265 | 132.4 | 143.9 | 138.2 |
| 65 | 165 | 238 | 17858 | 121.2 | 131.5 | 126.4 |
| 60 | 152 | 235 | 16451 | 110.3 | 119.6 | 115.0 |
| 55 | 140 | 232 | 15152 | 100.4 | 109.0 | 104.7 |
| 50 | 127 | 229 | 13745 | 90.3 | 97.8 | 94.0 |
| 45 | 114 | 225 | 12338 | 80.2 | 86.9 | 83.6 |
| 40 | 102 | 221 | 11039 | 71.1 | 77.1 | 74.1 |
| 35 | 89 | 216 | 9632 | 61.7 | 66.7 | 64.2 |
| 30 | 76 | 210 | 8225 | 52.5 | 56.7 | 54.6 |
| 25 | 63 | 203 | 6818 | 43.8 | 47.1 | 45.4 |
| 20 | 51 | 195 | 5520 | 36.1 | 38.7 | 37.4 |
| 15 | 38 | 184 | 4113 | 27.8 | 29.7 | 28.8 |
| 13 | 32 | 178 | 3463 | 24.0 | 25.6 | 24.8 |