

Lichttechnischer Prüfbefund

Familie
Floodlight 20 mini LED

Bestell-Nr.: 5XA7671C2A1AC
EAN: 4058352220665

LP-Nummer
58552_9



Ausführung Tragbügel
Optik asymmetrisch strahlend PL43
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung 1 x LED 4000K / CRI ≥ 70
(unbekannt LED 4000K / CRI = 70)
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 13030 lm
Systemleistung = 95.8 W
Lichtausbeute = 136 lm/W

Seriendokumentation
25.08.2021

siteco

Lichtstärke in cd/klm

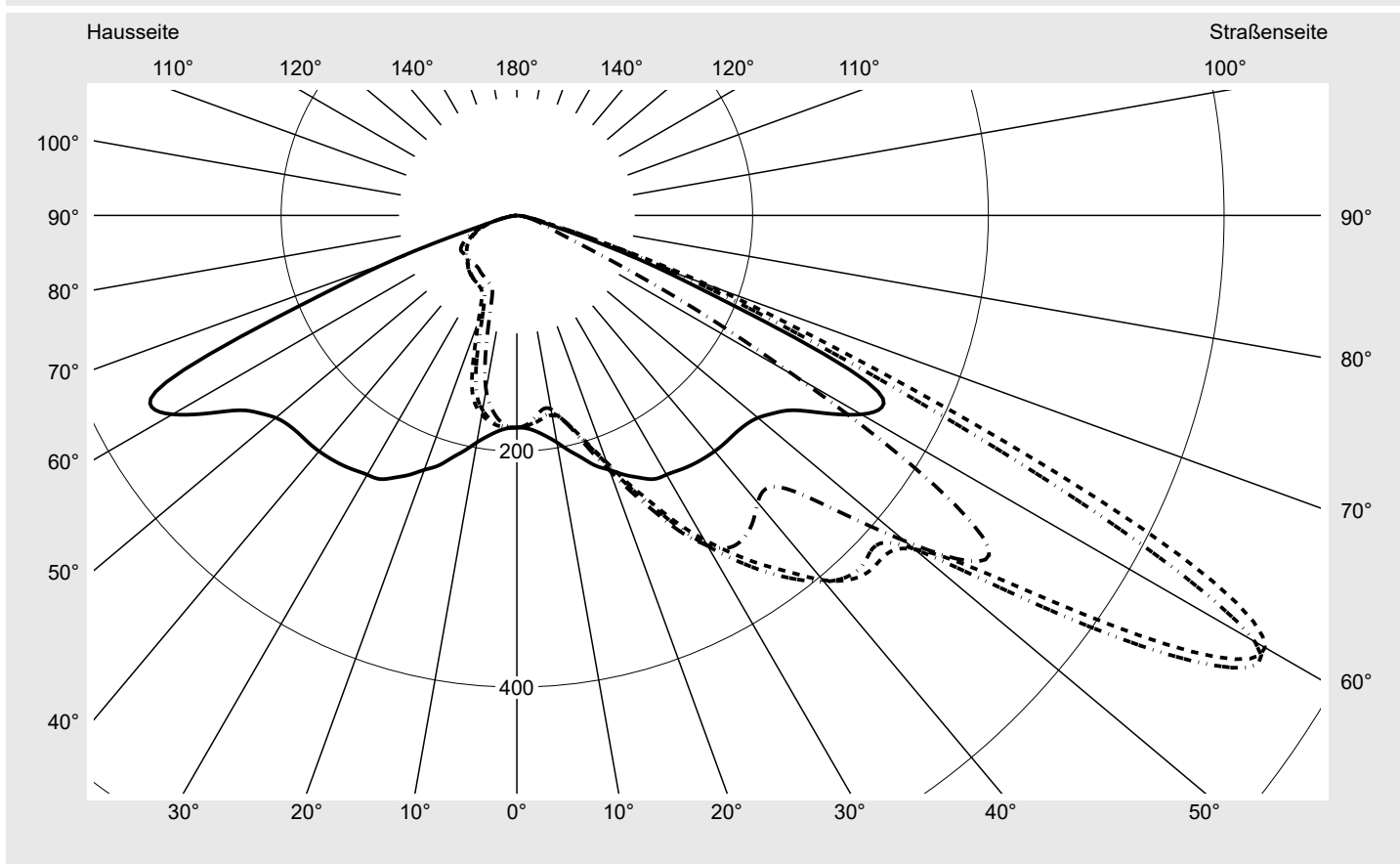
C180-0

C230-50

C235-55

C270-90

Imax: 733 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G6
Imax 70° 250.7
Imax 80° 13.8
Imax 90° 0.0
Imax >90° 0.0
Imax >95° 0.0

Messbedingungen

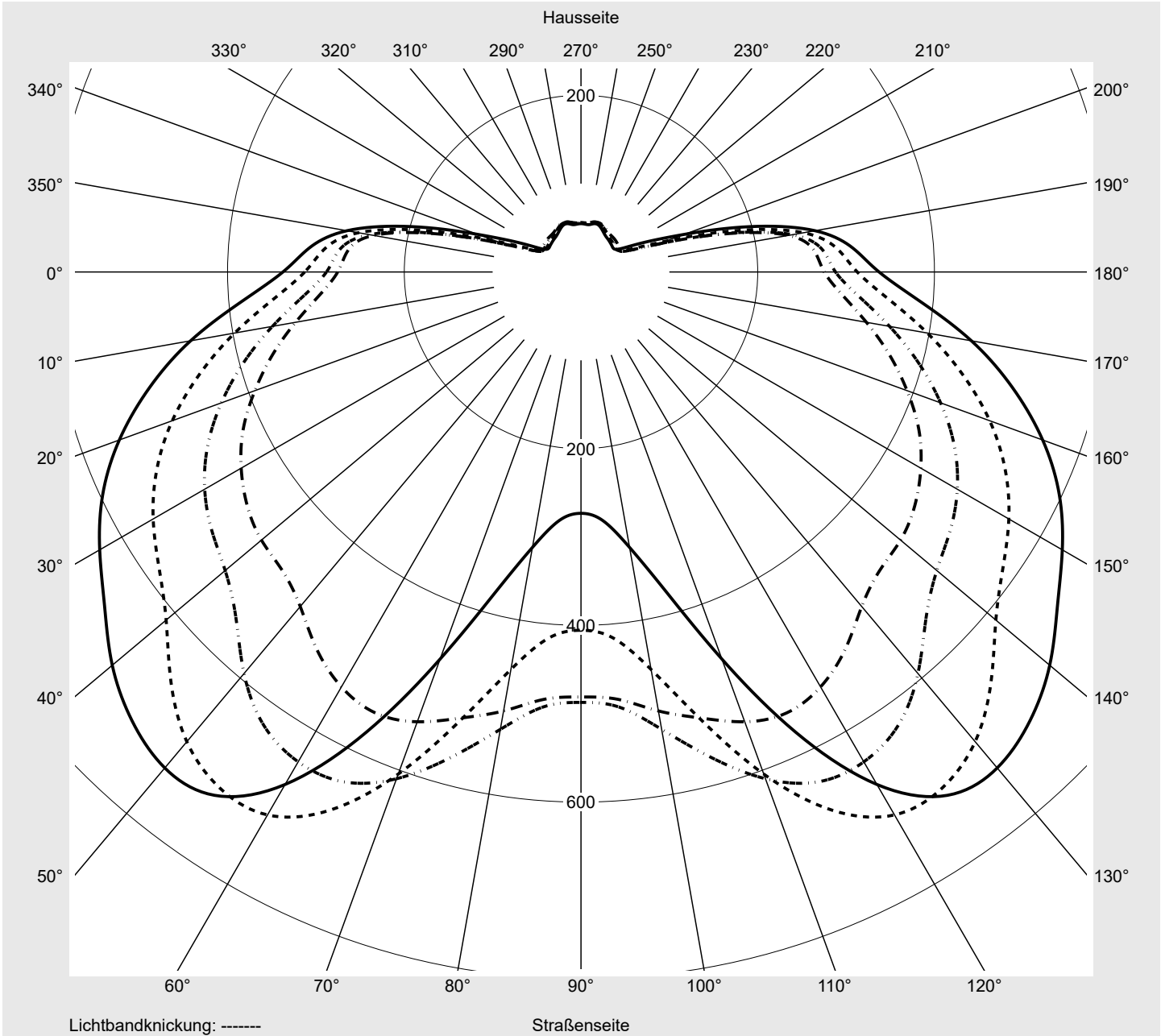
DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie Floodlight 20 mini LED | Bestell-Nr.: 5XA7671C2A1AC EAN: 4058352220665 | LP-Nummer 58552_9 |
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Kegelmantelkurven in cd/klm **KMK 60°** **KMK 57,5°** **KMK 55°** **KMK 52,5°**



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| Familie Floodlight 20 mini LED | Bestell-Nr.: 5XA7671C2A1AC EAN: 4058352220665 | LP-Nummer 58552_9 |
| 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° | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 |
| 2,5° | 180.7 | 180.4 | 180.3 | 180.3 | 180.2 | 180.2 | 180.1 | 179.9 | 179.6 | 179.4 | 179.2 | 178.9 | 178.7 |
| 5,0° | 183.7 | 183.4 | 182.9 | 182.4 | 181.8 | 181.2 | 180.4 | 179.5 | 178.5 | 177.5 | 176.6 | 175.7 | 174.9 |
| 7,5° | 188.8 | 188.0 | 186.9 | 185.6 | 184.1 | 182.6 | 180.9 | 179.0 | 177.0 | 175.1 | 173.3 | 171.8 | 170.3 |
| 10,0° | 195.5 | 194.5 | 192.6 | 190.3 | 187.8 | 185.1 | 182.2 | 179.4 | 176.6 | 174.2 | 172.1 | 170.5 | 169.2 |
| 12,5° | 204.2 | 202.3 | 199.5 | 196.0 | 192.4 | 188.8 | 185.5 | 182.6 | 180.2 | 178.5 | 177.4 | 176.7 | 176.5 |
| 15,0° | 212.7 | 210.5 | 206.6 | 202.2 | 198.1 | 194.5 | 191.7 | 189.8 | 188.7 | 188.2 | 188.6 | 189.0 | 189.2 |
| 17,5° | 222.6 | 218.8 | 214.2 | 209.6 | 205.7 | 202.9 | 201.4 | 201.1 | 202.0 | 203.2 | 204.3 | 205.5 | 206.5 |
| 20,0° | 229.6 | 226.1 | 221.4 | 216.9 | 213.9 | 212.6 | 213.3 | 215.5 | 217.8 | 220.3 | 222.9 | 225.1 | 227.0 |
| 22,5° | 238.0 | 233.6 | 228.9 | 225.2 | 223.5 | 224.4 | 228.1 | 232.3 | 236.6 | 241.1 | 245.4 | 249.1 | 250.8 |
| 25,0° | 245.3 | 242.0 | 238.0 | 235.4 | 235.1 | 238.8 | 244.2 | 250.4 | 256.6 | 262.6 | 267.9 | 272.3 | 275.4 |
| 27,5° | 252.1 | 248.7 | 246.0 | 245.2 | 248.7 | 255.8 | 263.3 | 271.1 | 278.8 | 286.6 | 293.6 | 298.6 | 302.1 |
| 30,0° | 253.9 | 252.1 | 250.7 | 252.4 | 259.9 | 269.9 | 280.3 | 290.3 | 299.9 | 309.1 | 317.3 | 323.8 | 328.0 |
| 32,5° | 256.1 | 255.0 | 255.6 | 260.4 | 271.1 | 283.3 | 295.9 | 308.4 | 320.0 | 330.1 | 339.6 | 347.2 | 351.5 |
| 35,0° | 258.4 | 258.8 | 262.3 | 270.7 | 283.3 | 297.5 | 311.7 | 325.9 | 339.5 | 351.0 | 361.1 | 369.2 | 372.1 |
| 37,5° | 259.9 | 262.2 | 269.2 | 281.6 | 295.7 | 311.3 | 327.3 | 343.0 | 358.0 | 371.4 | 381.6 | 388.9 | 388.5 |
| 40,0° | 261.1 | 265.5 | 276.9 | 292.5 | 308.5 | 325.7 | 343.7 | 361.7 | 378.1 | 393.0 | 403.6 | 405.4 | 400.4 |
| 42,5° | 261.5 | 268.2 | 284.0 | 302.1 | 321.0 | 340.5 | 360.0 | 379.7 | 396.9 | 411.3 | 418.8 | 415.4 | 406.2 |
| 45,0° | 261.6 | 270.9 | 290.5 | 311.6 | 332.9 | 354.4 | 376.5 | 396.4 | 412.8 | 424.4 | 424.9 | 416.8 | 401.9 |
| 47,5° | 263.0 | 275.1 | 297.2 | 320.8 | 344.1 | 366.4 | 387.2 | 405.7 | 419.4 | 427.7 | 425.2 | 413.8 | 401.7 |
| 50,0° | 267.0 | 283.1 | 309.3 | 337.2 | 363.9 | 388.2 | 409.6 | 426.5 | 438.2 | 442.5 | 440.2 | 440.2 | 447.9 |
| 52,5° | 275.3 | 296.7 | 328.0 | 361.3 | 392.7 | 421.9 | 444.1 | 461.2 | 472.1 | 478.0 | 494.3 | 521.3 | 542.3 |
| 55,0° | 288.0 | 315.6 | 354.6 | 395.1 | 433.1 | 466.3 | 491.8 | 510.1 | 525.7 | 552.5 | 593.3 | 626.2 | 640.2 |
| 57,5° | 312.7 | 349.0 | 398.0 | 446.9 | 492.3 | 529.8 | 559.1 | 583.1 | 612.9 | 656.3 | 694.0 | 712.9 | 709.6 |
| 60,0° | 337.3 | 385.8 | 448.7 | 505.5 | 556.0 | 597.4 | 629.0 | 658.3 | 692.5 | 718.5 | 732.8 | 723.1 | 669.8 |
| 62,5° | 350.0 | 407.7 | 477.2 | 540.5 | 593.3 | 632.6 | 659.3 | 681.3 | 689.2 | 682.0 | 654.5 | 579.5 | 477.7 |
| 65,0° | 316.3 | 376.8 | 447.1 | 504.0 | 548.1 | 577.7 | 594.3 | 595.3 | 578.0 | 540.7 | 466.8 | 384.3 | 313.0 |
| 67,5° | 196.1 | 254.1 | 308.0 | 354.9 | 392.3 | 417.5 | 425.2 | 415.6 | 385.9 | 336.8 | 287.6 | 242.8 | 197.9 |
| 70,0° | 116.8 | 142.9 | 168.8 | 199.2 | 226.4 | 242.1 | 250.7 | 246.5 | 228.8 | 200.6 | 173.1 | 148.7 | 126.7 |
| 72,5° | 48.9 | 42.1 | 39.5 | 55.6 | 105.4 | 131.8 | 133.6 | 125.8 | 106.5 | 85.8 | 80.1 | 78.5 | 69.5 |
| 75,0° | 22.3 | 19.5 | 19.2 | 20.9 | 34.8 | 56.7 | 57.8 | 50.8 | 30.9 | 26.0 | 32.2 | 32.5 | 30.1 |
| 77,5° | 13.4 | 12.3 | 12.2 | 12.9 | 16.0 | 21.6 | 22.1 | 17.4 | 15.3 | 15.3 | 17.4 | 19.0 | 21.7 |
| 80,0° | 7.7 | 7.4 | 7.7 | 8.1 | 8.7 | 10.2 | 10.2 | 9.4 | 9.7 | 10.0 | 10.4 | 10.9 | 12.2 |
| 82,5° | 4.1 | 4.1 | 4.3 | 4.6 | 4.8 | 5.1 | 5.7 | 5.7 | 5.9 | 6.0 | 6.1 | 6.0 | 5.9 |
| 85,0° | 1.9 | 1.8 | 1.9 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 2.8 | 2.8 | 2.7 | 2.6 | 2.4 |
| 87,5° | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 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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| Familie Floodlight 20 mini LED | Bestell-Nr.: 5XA7671C2A1AC EAN: 4058352220665 | LP-Nummer 58552_9 |
| 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° | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 |
| 2,5° | 178.4 | 178.2 | 178.1 | 178.0 | 177.9 | 177.9 | 180.8 | 180.8 | 180.8 | 180.8 | 180.7 | 180.7 | 180.6 |
| 5,0° | 174.1 | 173.4 | 172.9 | 172.6 | 172.5 | 172.5 | 184.0 | 183.9 | 183.7 | 183.4 | 183.0 | 182.4 | 181.8 |
| 7,5° | 169.0 | 167.8 | 167.0 | 166.4 | 166.1 | 166.0 | 189.0 | 188.8 | 188.2 | 187.3 | 186.2 | 184.7 | 182.9 |
| 10,0° | 168.2 | 167.4 | 167.0 | 166.8 | 166.9 | 166.9 | 196.1 | 195.7 | 194.6 | 192.8 | 190.4 | 187.3 | 183.8 |
| 12,5° | 176.3 | 176.2 | 176.2 | 176.5 | 176.6 | 176.7 | 204.8 | 204.3 | 202.6 | 199.6 | 195.5 | 190.6 | 184.6 |
| 15,0° | 189.4 | 189.4 | 189.7 | 190.1 | 190.5 | 190.5 | 214.0 | 213.3 | 210.7 | 206.2 | 200.3 | 192.9 | 184.0 |
| 17,5° | 207.3 | 208.0 | 208.5 | 209.2 | 209.8 | 209.9 | 223.3 | 222.1 | 218.4 | 212.3 | 204.0 | 193.6 | 180.1 |
| 20,0° | 228.2 | 228.8 | 229.4 | 229.9 | 230.3 | 230.3 | 231.5 | 229.8 | 224.9 | 217.0 | 205.7 | 190.3 | 166.4 |
| 22,5° | 252.4 | 252.9 | 253.3 | 253.8 | 254.0 | 253.8 | 239.6 | 237.7 | 231.4 | 220.5 | 203.7 | 177.1 | 144.0 |
| 25,0° | 276.7 | 276.9 | 277.0 | 277.7 | 278.0 | 277.7 | 247.5 | 245.1 | 236.8 | 222.0 | 193.8 | 156.1 | 119.5 |
| 27,5° | 303.6 | 303.1 | 302.4 | 303.2 | 303.6 | 303.3 | 253.3 | 250.0 | 239.7 | 217.0 | 174.8 | 130.8 | 95.4 |
| 30,0° | 328.6 | 326.1 | 324.3 | 324.2 | 323.9 | 322.9 | 255.2 | 251.2 | 238.8 | 203.2 | 152.9 | 107.3 | 78.5 |
| 32,5° | 350.6 | 346.3 | 343.1 | 340.9 | 337.1 | 334.2 | 257.1 | 252.7 | 235.1 | 186.8 | 130.3 | 88.3 | 69.8 |
| 35,0° | 368.8 | 361.3 | 356.5 | 350.6 | 340.0 | 334.7 | 258.7 | 253.5 | 225.8 | 166.7 | 106.8 | 73.1 | 65.2 |
| 37,5° | 380.8 | 369.5 | 363.2 | 351.9 | 334.9 | 328.5 | 259.4 | 252.9 | 212.7 | 146.0 | 88.0 | 65.4 | 62.8 |
| 40,0° | 387.7 | 373.0 | 363.3 | 343.5 | 323.9 | 317.9 | 259.7 | 250.3 | 199.2 | 127.8 | 76.1 | 61.9 | 60.7 |
| 42,5° | 390.0 | 371.4 | 353.5 | 331.6 | 318.1 | 313.9 | 259.4 | 246.9 | 189.4 | 115.0 | 70.4 | 59.4 | 58.8 |
| 45,0° | 384.4 | 366.9 | 352.3 | 340.9 | 332.2 | 329.9 | 258.7 | 243.2 | 181.7 | 105.8 | 65.8 | 57.1 | 57.0 |
| 47,5° | 396.0 | 389.7 | 384.4 | 380.6 | 373.9 | 373.2 | 258.9 | 240.0 | 175.3 | 100.4 | 62.3 | 55.0 | 55.2 |
| 50,0° | 458.1 | 458.1 | 448.9 | 441.8 | 432.1 | 429.5 | 260.8 | 237.4 | 169.3 | 94.5 | 59.2 | 53.0 | 53.5 |
| 52,5° | 550.7 | 541.8 | 522.6 | 504.5 | 485.6 | 481.0 | 265.5 | 238.4 | 165.7 | 91.4 | 57.0 | 51.1 | 51.7 |
| 55,0° | 636.6 | 610.4 | 568.8 | 525.7 | 494.3 | 487.2 | 275.3 | 243.2 | 167.6 | 91.4 | 55.9 | 49.3 | 49.7 |
| 57,5° | 672.1 | 604.8 | 524.7 | 456.8 | 415.8 | 405.5 | 292.0 | 255.8 | 180.6 | 101.7 | 61.0 | 48.6 | 47.5 |
| 60,0° | 574.7 | 466.3 | 375.8 | 316.6 | 282.4 | 273.2 | 309.0 | 268.9 | 198.3 | 124.4 | 79.5 | 53.3 | 45.7 |
| 62,5° | 381.2 | 303.5 | 247.0 | 203.1 | 171.1 | 163.0 | 313.6 | 273.2 | 210.0 | 145.1 | 101.0 | 67.1 | 46.2 |
| 65,0° | 254.3 | 201.4 | 146.7 | 98.7 | 73.7 | 72.1 | 277.5 | 248.6 | 202.2 | 149.0 | 104.6 | 72.8 | 50.4 |
| 67,5° | 162.1 | 121.9 | 57.2 | 40.9 | 37.9 | 36.6 | 147.3 | 155.0 | 152.5 | 128.7 | 92.2 | 62.6 | 49.8 |
| 70,0° | 105.4 | 79.1 | 39.4 | 31.3 | 29.5 | 28.0 | 47.6 | 43.2 | 62.9 | 70.1 | 56.8 | 49.6 | 43.3 |
| 72,5° | 55.6 | 44.1 | 29.7 | 23.8 | 22.1 | 20.8 | 26.2 | 23.8 | 25.9 | 32.8 | 30.3 | 29.8 | 29.6 |
| 75,0° | 29.5 | 29.7 | 23.0 | 18.3 | 17.0 | 15.7 | 18.4 | 16.6 | 17.8 | 20.4 | 20.1 | 19.7 | 19.5 |
| 77,5° | 24.2 | 22.5 | 16.4 | 13.4 | 12.2 | 11.1 | 13.5 | 11.8 | 12.6 | 13.9 | 13.6 | 13.6 | 13.5 |
| 80,0° | 13.8 | 12.7 | 10.0 | 9.0 | 7.9 | 7.1 | 7.8 | 7.7 | 8.0 | 8.9 | 8.9 | 8.8 | 8.8 |
| 82,5° | 5.7 | 5.7 | 5.2 | 4.6 | 4.1 | 3.8 | 4.3 | 4.4 | 4.5 | 4.9 | 5.2 | 5.2 | 5.3 |
| 85,0° | 2.2 | 2.0 | 1.8 | 1.6 | 1.5 | 1.4 | 2.0 | 2.0 | 2.1 | 2.3 | 2.4 | 2.5 | 2.5 |
| 87,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 |
| 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 | 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° | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 179.9 | 0.3 | 0.3 |
| 2,5° | 180.5 | 180.3 | 180.0 | 179.8 | 179.6 | 179.4 | 179.1 | 178.9 | 178.7 | 178.7 | 178.8 | 2.1 | 2.4 |
| 5,0° | 181.0 | 180.2 | 179.2 | 178.2 | 177.2 | 176.4 | 175.5 | 174.8 | 174.4 | 174.2 | 174.1 | 4.3 | 6.7 |
| 7,5° | 180.8 | 178.6 | 176.4 | 174.2 | 172.0 | 170.0 | 168.2 | 166.7 | 165.6 | 165.1 | 164.9 | 6.3 | 13.0 |
| 10,0° | 179.9 | 175.8 | 171.6 | 167.6 | 163.5 | 159.9 | 156.7 | 153.9 | 151.9 | 150.8 | 150.4 | 8.4 | 21.4 |
| 12,5° | 178.0 | 171.0 | 163.7 | 156.5 | 149.3 | 142.5 | 136.1 | 130.8 | 127.0 | 124.6 | 123.8 | 10.4 | 31.8 |
| 15,0° | 173.7 | 161.6 | 147.6 | 133.7 | 121.5 | 111.6 | 103.7 | 97.8 | 93.7 | 91.2 | 90.4 | 12.4 | 44.2 |
| 17,5° | 160.5 | 139.0 | 119.5 | 103.6 | 91.7 | 83.3 | 77.4 | 73.6 | 71.1 | 69.7 | 69.2 | 14.5 | 58.7 |
| 20,0° | 138.8 | 114.2 | 95.2 | 82.1 | 74.1 | 69.9 | 67.5 | 66.0 | 64.9 | 64.1 | 63.8 | 16.8 | 75.5 |
| 22,5° | 114.0 | 92.0 | 78.5 | 71.5 | 68.4 | 66.7 | 65.3 | 64.0 | 63.0 | 62.2 | 61.8 | 19.5 | 95.0 |
| 25,0° | 92.1 | 76.9 | 70.6 | 68.4 | 67.0 | 65.7 | 64.4 | 63.2 | 62.0 | 60.9 | 60.5 | 22.3 | 117.3 |
| 27,5° | 76.0 | 69.9 | 68.2 | 67.3 | 66.3 | 65.3 | 64.0 | 62.6 | 61.2 | 59.9 | 59.2 | 25.3 | 142.7 |
| 30,0° | 69.2 | 67.5 | 67.0 | 66.5 | 66.0 | 65.1 | 63.9 | 62.3 | 60.7 | 59.0 | 58.2 | 28.3 | 171.0 |
| 32,5° | 66.4 | 65.9 | 65.9 | 65.9 | 65.8 | 65.1 | 63.7 | 62.0 | 60.1 | 58.2 | 57.1 | 31.3 | 202.3 |
| 35,0° | 64.3 | 64.3 | 64.7 | 65.1 | 65.2 | 64.7 | 63.3 | 61.3 | 59.2 | 57.1 | 55.9 | 34.1 | 236.4 |
| 37,5° | 62.5 | 62.8 | 63.3 | 64.0 | 64.2 | 63.9 | 62.6 | 60.7 | 58.6 | 56.4 | 55.0 | 36.8 | 273.2 |
| 40,0° | 60.8 | 61.3 | 61.9 | 62.5 | 63.0 | 62.9 | 62.0 | 60.3 | 58.3 | 56.2 | 54.9 | 39.3 | 312.5 |
| 42,5° | 59.2 | 59.8 | 60.2 | 61.0 | 61.6 | 62.1 | 61.6 | 60.0 | 58.1 | 56.3 | 55.1 | 41.7 | 354.3 |
| 45,0° | 57.5 | 58.1 | 58.5 | 59.1 | 60.2 | 61.3 | 61.1 | 59.6 | 58.0 | 56.4 | 55.2 | 44.2 | 398.5 |
| 47,5° | 55.9 | 56.5 | 56.7 | 57.3 | 58.8 | 60.4 | 60.6 | 59.2 | 57.6 | 56.2 | 55.1 | 47.2 | 445.7 |
| 50,0° | 54.3 | 54.8 | 55.0 | 55.7 | 57.5 | 59.4 | 59.9 | 58.8 | 57.0 | 55.8 | 55.0 | 52.3 | 498.0 |
| 52,5° | 52.5 | 53.2 | 53.5 | 54.3 | 56.1 | 58.3 | 59.3 | 58.5 | 56.9 | 55.7 | 55.2 | 59.5 | 557.5 |
| 55,0° | 50.6 | 51.4 | 52.0 | 52.9 | 54.7 | 57.4 | 58.8 | 58.6 | 56.7 | 55.8 | 55.6 | 67.2 | 624.7 |
| 57,5° | 48.3 | 49.4 | 50.2 | 51.3 | 53.2 | 56.2 | 58.2 | 58.2 | 56.1 | 55.7 | 56.0 | 73.8 | 698.5 |
| 60,0° | 45.8 | 46.8 | 47.9 | 49.2 | 51.4 | 54.4 | 56.9 | 56.6 | 54.4 | 54.3 | 54.7 | 75.4 | 773.9 |
| 62,5° | 43.1 | 43.7 | 44.7 | 46.1 | 48.5 | 51.4 | 54.1 | 53.6 | 51.5 | 51.2 | 51.5 | 70.8 | 844.7 |
| 65,0° | 41.0 | 40.4 | 41.3 | 42.9 | 45.0 | 48.1 | 50.7 | 50.1 | 47.7 | 47.1 | 47.5 | 59.6 | 904.3 |
| 67,5° | 40.3 | 36.4 | 37.3 | 38.9 | 41.3 | 44.1 | 45.9 | 44.8 | 41.9 | 41.5 | 42.4 | 41.3 | 945.6 |
| 70,0° | 36.6 | 32.1 | 32.9 | 34.8 | 37.1 | 39.4 | 40.3 | 38.5 | 35.5 | 36.6 | 37.0 | 25.2 | 970.8 |
| 72,5° | 27.7 | 26.2 | 27.5 | 29.5 | 31.6 | 33.3 | 33.6 | 30.8 | 28.6 | 31.2 | 32.2 | 13.1 | 983.9 |
| 75,0° | 19.9 | 20.5 | 21.9 | 23.7 | 25.4 | 26.8 | 26.5 | 23.8 | 21.8 | 23.3 | 24.5 | 6.9 | 990.8 |
| 77,5° | 13.9 | 14.6 | 15.4 | 17.1 | 18.7 | 19.9 | 18.8 | 16.8 | 15.2 | 15.4 | 15.8 | 4.3 | 995.1 |
| 80,0° | 9.1 | 9.5 | 10.1 | 11.1 | 12.3 | 12.9 | 11.8 | 10.5 | 9.4 | 9.1 | 8.9 | 2.6 | 997.7 |
| 82,5° | 5.4 | 5.6 | 5.9 | 6.1 | 6.3 | 6.2 | 5.8 | 5.2 | 4.7 | 4.5 | 4.4 | 1.4 | 999.1 |
| 85,0° | 2.5 | 2.5 | 2.6 | 2.7 | 2.7 | 2.7 | 2.6 | 2.3 | 2.1 | 2.0 | 2.0 | 0.6 | 999.8 |
| 87,5° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.2 | 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 |