

Lichttechnischer Prüfbefund

Familie
TV20 LED

Bestell-Nr.: 5XA86174N0X
EAN: 4050737978307

LP-Nummer
56537_1



Ausführung Antivandalenleuchte
Optik satiniert
Abdeckung PC
Bestückung 1 x LED 4000K / CRI ≥ 80
(unbekannt LED 4000K / CRI = 80)
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 5120 lm
Systemleistung = 50.0 W
Lichtausbeute = 102.4 lm/W

Serielldokumentation
28.01.2016

siteco

Lichtstärke in cd/klm

C180-0

C185-5

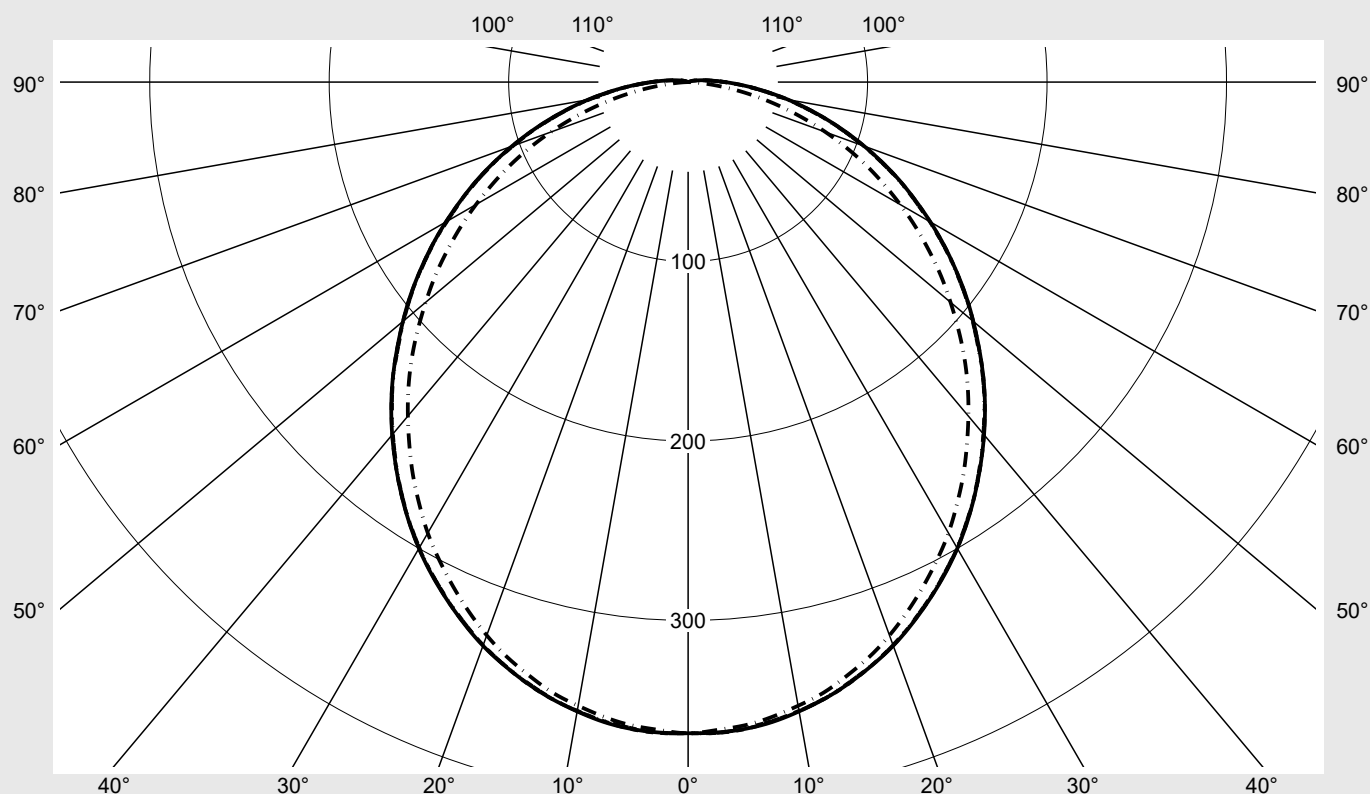
C190-10

C270-90

Imax: 363 cd/klm

Hausseite

Straßenseite



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 99.1% |
| Eta 90° - 180° | 0.9% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G2 |
| Imax 70° | 104.5 |
| Imax 80° | 56.7 |
| Imax 90° | 20.7 |
| Imax >90° | 15.0 |
| Imax >95° | 7.8 |

Messbedingungen

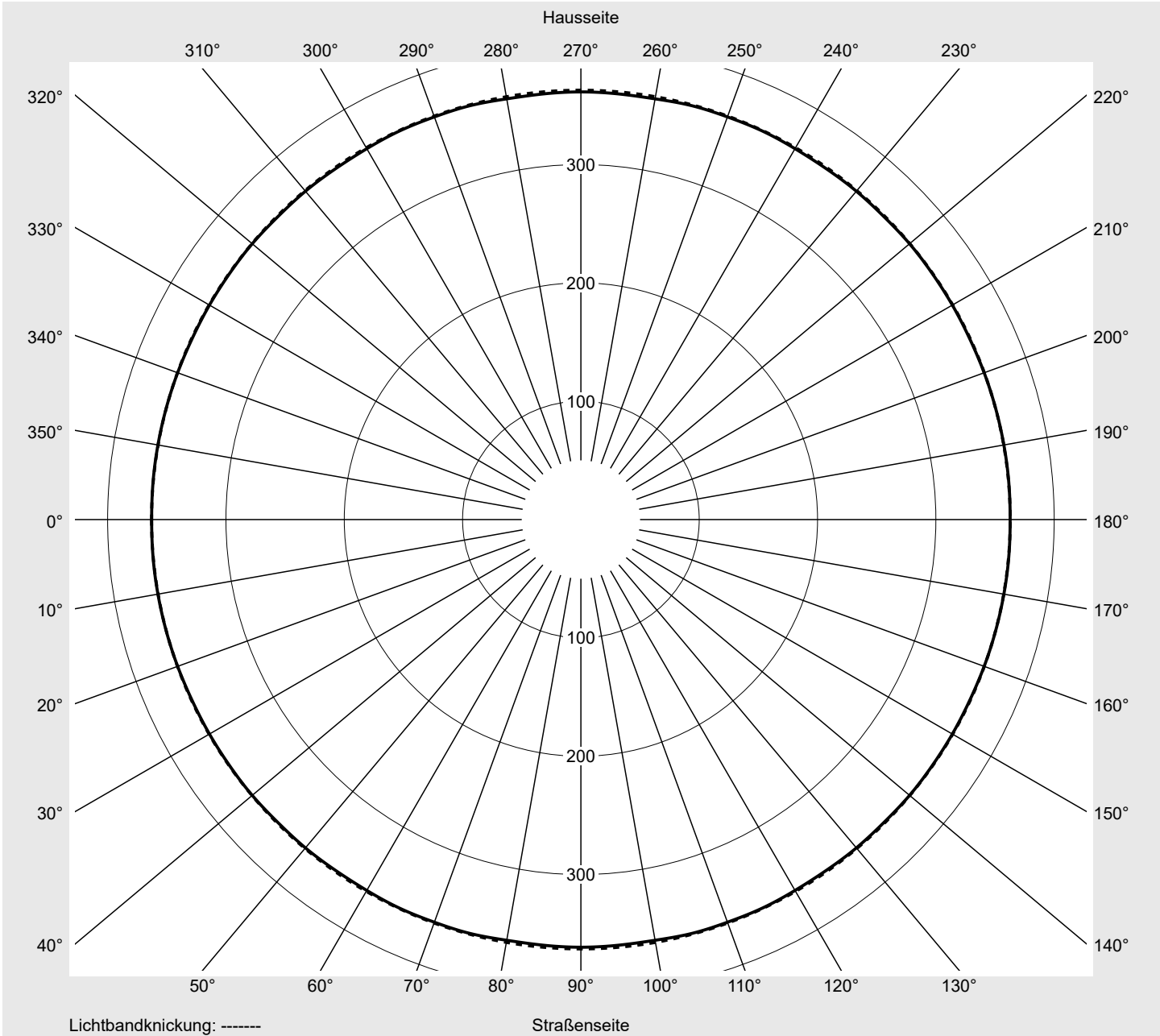
DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie TV20 LED | Bestell-Nr.: 5XA86174N0X EAN: 4050737978307 | LP-Nummer 56537_1 |
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Kegelmantelkurven in cd/klm KMK 2,5° KMK 0°



Lichttechnischer Prüfbefund

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| Familie TV20 LED | Bestell-Nr.: 5XA86174N0X EAN: 4050737978307 | LP-Nummer 56537_1 |
| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | siteco |

| C- Ebenen | 0° 180° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | |
|--------------|------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------|
| | | 175° 185° 355° | 170° 190° 350° | 165° 195° 345° | 160° 200° 340° | 155° 205° 335° | 150° 210° 330° | 145° 215° 325° | 140° 220° 320° | 135° 225° 315° | |
| γ | | Lichtstärke in cd/klm | | | | | | | | | |
| 0,0° | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 |
| 2,5° | 362.8 | 363.0 | 363.0 | 362.9 | 362.7 | 362.4 | 362.5 | 362.5 | 362.6 | 362.1 | |
| 5,0° | 361.8 | 361.9 | 361.4 | 361.5 | 361.0 | 360.9 | 360.8 | 360.8 | 361.1 | 360.8 | |
| 7,5° | 359.6 | 359.2 | 359.0 | 359.0 | 358.8 | 358.7 | 358.3 | 358.5 | 358.6 | 358.0 | |
| 10,0° | 356.1 | 355.8 | 355.9 | 355.8 | 355.5 | 355.1 | 355.1 | 355.0 | 354.8 | 354.4 | |
| 12,5° | 351.9 | 351.9 | 351.7 | 351.7 | 351.2 | 350.8 | 350.7 | 350.5 | 350.5 | 350.0 | |
| 15,0° | 346.7 | 346.8 | 346.4 | 346.4 | 346.0 | 345.6 | 345.3 | 345.0 | 345.2 | 344.5 | |
| 17,5° | 340.8 | 340.7 | 340.6 | 340.5 | 339.9 | 339.3 | 339.1 | 338.7 | 338.6 | 338.2 | |
| 20,0° | 334.2 | 333.9 | 333.9 | 333.6 | 333.0 | 332.8 | 332.1 | 331.7 | 331.5 | 330.9 | |
| 22,5° | 326.5 | 326.3 | 326.1 | 325.7 | 325.0 | 324.6 | 323.9 | 323.7 | 323.3 | 322.7 | |
| 25,0° | 318.1 | 318.0 | 317.8 | 317.5 | 316.7 | 316.4 | 315.8 | 315.3 | 314.8 | 314.1 | |
| 27,5° | 309.4 | 309.1 | 309.0 | 308.5 | 308.0 | 307.2 | 306.5 | 305.9 | 305.3 | 304.9 | |
| 30,0° | 300.0 | 299.9 | 299.6 | 299.1 | 298.6 | 297.9 | 297.1 | 296.4 | 295.9 | 295.1 | |
| 32,5° | 289.8 | 289.7 | 289.4 | 289.0 | 288.4 | 287.4 | 286.6 | 285.9 | 285.0 | 284.2 | |
| 35,0° | 279.0 | 279.1 | 278.8 | 278.3 | 277.6 | 276.7 | 275.6 | 274.9 | 273.9 | 273.0 | |
| 37,5° | 267.9 | 267.9 | 267.4 | 266.9 | 266.1 | 265.3 | 264.3 | 263.5 | 262.4 | 261.4 | |
| 40,0° | 256.5 | 256.4 | 255.9 | 255.5 | 254.8 | 253.7 | 252.7 | 251.7 | 250.6 | 249.4 | |
| 42,5° | 244.8 | 244.6 | 244.3 | 243.7 | 243.0 | 242.1 | 241.2 | 239.9 | 238.8 | 237.5 | |
| 45,0° | 232.6 | 232.7 | 232.3 | 231.7 | 230.9 | 229.8 | 228.7 | 227.5 | 226.2 | 224.9 | |
| 47,5° | 220.0 | 219.8 | 219.3 | 218.8 | 218.0 | 217.0 | 215.8 | 214.5 | 213.2 | 211.7 | |
| 50,0° | 207.4 | 207.3 | 206.9 | 206.3 | 205.5 | 204.4 | 203.1 | 201.8 | 200.4 | 198.8 | |
| 52,5° | 194.9 | 194.7 | 194.4 | 193.8 | 192.9 | 191.7 | 190.5 | 189.0 | 187.5 | 186.0 | |
| 55,0° | 181.9 | 181.8 | 181.4 | 180.7 | 179.7 | 178.6 | 177.2 | 175.8 | 174.3 | 172.6 | |
| 57,5° | 169.0 | 168.9 | 168.5 | 167.8 | 166.9 | 165.7 | 164.3 | 162.7 | 161.1 | 159.5 | |
| 60,0° | 155.9 | 155.6 | 155.1 | 154.5 | 153.6 | 152.4 | 150.8 | 149.2 | 147.6 | 145.9 | |
| 62,5° | 142.8 | 142.7 | 142.2 | 141.5 | 140.6 | 139.2 | 137.7 | 136.1 | 134.4 | 132.6 | |
| 65,0° | 130.2 | 130.0 | 129.6 | 128.9 | 127.8 | 126.5 | 125.0 | 123.3 | 121.5 | 119.6 | |
| 67,5° | 117.2 | 117.0 | 116.5 | 115.8 | 114.8 | 113.5 | 111.8 | 110.1 | 108.2 | 106.3 | |
| 70,0° | 104.5 | 104.2 | 103.7 | 103.0 | 101.9 | 100.5 | 98.9 | 97.1 | 95.0 | 93.0 | |
| 72,5° | 91.9 | 91.7 | 91.2 | 90.4 | 89.3 | 87.9 | 86.2 | 84.3 | 82.2 | 80.0 | |
| 75,0° | 79.7 | 79.5 | 79.0 | 78.1 | 77.0 | 75.5 | 73.8 | 71.9 | 69.8 | 67.5 | |
| 77,5° | 67.8 | 67.6 | 67.1 | 66.2 | 65.0 | 63.5 | 61.8 | 59.8 | 57.7 | 55.4 | |
| 80,0° | 56.7 | 56.5 | 56.0 | 55.1 | 53.9 | 52.4 | 50.6 | 48.6 | 46.5 | 44.1 | |
| 82,5° | 45.9 | 45.7 | 45.2 | 44.3 | 43.1 | 41.6 | 39.8 | 37.8 | 35.7 | 33.4 | |
| 85,0° | 36.3 | 36.1 | 35.6 | 34.7 | 33.5 | 32.1 | 30.4 | 28.4 | 26.3 | 24.1 | |
| 87,5° | 27.7 | 27.5 | 27.1 | 26.3 | 25.2 | 23.8 | 22.2 | 20.4 | 18.5 | 16.4 | |
| 90,0° | 20.7 | 20.5 | 20.1 | 19.4 | 18.4 | 17.2 | 15.8 | 14.2 | 12.5 | 10.7 | |
| 92,5° | 15.0 | 14.9 | 14.5 | 13.9 | 13.1 | 12.0 | 10.8 | 9.5 | 8.1 | 6.7 | |
| 95,0° | 10.7 | 10.6 | 10.3 | 9.8 | 9.1 | 8.3 | 7.4 | 6.4 | 5.3 | 4.3 | |
| 97,5° | 7.8 | 7.7 | 7.5 | 7.1 | 6.5 | 5.9 | 5.2 | 4.4 | 3.6 | 2.9 | |
| 100,0° | 5.5 | 5.4 | 5.2 | 4.9 | 4.5 | 4.1 | 3.5 | 2.9 | 2.4 | 1.8 | |
| 102,5° | 4.1 | 4.0 | 3.9 | 3.6 | 3.3 | 2.9 | 2.5 | 2.1 | 1.7 | 1.3 | |
| 105,0° | 2.9 | 2.9 | 2.8 | 2.6 | 2.3 | 2.1 | 1.7 | 1.4 | 1.1 | 0.9 | |
| 107,5° | 2.1 | 2.1 | 2.0 | 1.9 | 1.7 | 1.5 | 1.3 | 1.0 | 0.9 | 0.7 | |
| 110,0° | 1.5 | 1.5 | 1.4 | 1.3 | 1.2 | 1.0 | 0.9 | 0.7 | 0.6 | 0.5 | |

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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | sitEco |

| C- Ebenen | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | Phi-Zone | Summe Phi-Zone | |
|--------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----------------------|-------|
| | 130° | 125° | 120° | 115° | 110° | 105° | 100° | 95° | | | | 270° |
| | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | | | | |
| | 310° | 305° | 300° | 295° | 290° | 285° | 280° | 275° | | | | |
| γ | Lichtstärke in cd/klm | | | | | | | | | | Lichtstrom in lm/klm | |
| 0,0° | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 362.8 | 0.5 | 0.5 |
| 2,5° | 362.2 | 361.8 | 361.9 | 362.4 | 362.1 | 362.1 | 361.0 | 361.1 | 361.4 | 361.4 | 4.3 | 4.9 |
| 5,0° | 360.7 | 360.4 | 360.5 | 360.9 | 360.8 | 360.7 | 359.8 | 359.6 | 359.8 | 359.8 | 8.6 | 13.5 |
| 7,5° | 358.2 | 357.8 | 357.9 | 358.0 | 357.8 | 357.9 | 356.9 | 356.8 | 356.9 | 356.9 | 12.8 | 26.3 |
| 10,0° | 354.5 | 354.0 | 354.2 | 354.2 | 354.1 | 353.8 | 352.9 | 352.9 | 352.9 | 352.9 | 16.9 | 43.2 |
| 12,5° | 349.9 | 349.6 | 349.7 | 349.7 | 349.7 | 349.5 | 348.2 | 348.1 | 348.5 | 348.5 | 20.8 | 64.0 |
| 15,0° | 344.2 | 344.0 | 343.9 | 344.0 | 343.9 | 343.7 | 342.5 | 342.3 | 342.4 | 342.4 | 24.5 | 88.4 |
| 17,5° | 338.0 | 337.4 | 337.3 | 337.1 | 337.0 | 336.9 | 335.7 | 335.5 | 335.8 | 335.8 | 27.9 | 116.3 |
| 20,0° | 330.7 | 330.1 | 330.2 | 329.7 | 329.5 | 329.2 | 328.1 | 327.9 | 328.1 | 328.1 | 31.0 | 147.4 |
| 22,5° | 322.4 | 321.6 | 321.5 | 321.0 | 320.9 | 320.5 | 319.3 | 319.1 | 319.3 | 319.3 | 33.9 | 181.2 |
| 25,0° | 313.6 | 312.9 | 312.5 | 312.1 | 311.8 | 311.6 | 310.4 | 310.0 | 310.0 | 310.0 | 36.4 | 217.6 |
| 27,5° | 304.1 | 303.4 | 303.0 | 302.3 | 302.0 | 301.7 | 300.6 | 300.1 | 300.3 | 300.3 | 38.6 | 256.2 |
| 30,0° | 294.1 | 293.5 | 292.8 | 292.2 | 291.8 | 291.6 | 290.4 | 290.0 | 290.1 | 290.1 | 40.4 | 296.6 |
| 32,5° | 283.2 | 282.3 | 281.7 | 281.1 | 280.6 | 280.2 | 279.2 | 278.6 | 278.8 | 278.8 | 41.9 | 338.5 |
| 35,0° | 272.0 | 271.1 | 270.4 | 269.7 | 269.1 | 268.7 | 267.7 | 267.1 | 267.3 | 267.3 | 42.9 | 381.5 |
| 37,5° | 260.4 | 259.3 | 258.4 | 257.8 | 257.0 | 256.6 | 255.6 | 255.1 | 255.1 | 255.1 | 43.6 | 425.1 |
| 40,0° | 248.3 | 247.1 | 246.4 | 245.6 | 244.8 | 244.3 | 243.6 | 243.0 | 242.9 | 242.9 | 44.0 | 469.1 |
| 42,5° | 236.4 | 235.1 | 234.3 | 233.3 | 232.5 | 232.0 | 231.2 | 230.6 | 230.6 | 230.6 | 44.0 | 513.1 |
| 45,0° | 223.8 | 222.3 | 221.4 | 220.4 | 219.6 | 219.1 | 218.5 | 217.8 | 217.8 | 217.8 | 43.6 | 556.8 |
| 47,5° | 210.5 | 209.1 | 208.1 | 207.1 | 206.2 | 205.7 | 204.9 | 204.4 | 204.3 | 204.3 | 42.9 | 599.6 |
| 50,0° | 197.6 | 196.3 | 195.0 | 194.0 | 193.0 | 192.4 | 191.6 | 190.9 | 190.9 | 190.9 | 41.8 | 641.4 |
| 52,5° | 184.5 | 183.3 | 181.9 | 180.8 | 179.8 | 179.2 | 178.3 | 177.7 | 177.7 | 177.7 | 40.5 | 681.9 |
| 55,0° | 171.1 | 169.7 | 168.3 | 167.2 | 166.1 | 165.4 | 164.6 | 164.0 | 163.9 | 163.9 | 38.8 | 720.7 |
| 57,5° | 157.8 | 156.4 | 155.0 | 153.8 | 152.7 | 151.8 | 151.1 | 150.5 | 150.3 | 150.3 | 36.9 | 757.7 |
| 60,0° | 144.2 | 142.5 | 141.2 | 139.9 | 138.7 | 137.7 | 137.1 | 136.6 | 136.5 | 136.5 | 34.7 | 792.3 |
| 62,5° | 130.8 | 129.1 | 127.6 | 126.2 | 125.1 | 124.1 | 123.3 | 122.8 | 122.7 | 122.7 | 32.3 | 824.6 |
| 65,0° | 117.8 | 115.9 | 114.3 | 112.9 | 111.6 | 110.5 | 109.9 | 109.4 | 109.3 | 109.3 | 29.7 | 854.3 |
| 67,5° | 104.3 | 102.3 | 100.6 | 99.1 | 97.8 | 96.6 | 95.8 | 95.4 | 95.4 | 95.4 | 26.9 | 881.2 |
| 70,0° | 91.0 | 88.9 | 87.1 | 85.5 | 84.0 | 82.8 | 81.9 | 81.5 | 81.5 | 81.5 | 23.9 | 905.2 |
| 72,5° | 77.9 | 75.8 | 73.9 | 72.1 | 70.6 | 69.3 | 68.3 | 67.8 | 67.8 | 67.8 | 20.9 | 926.1 |
| 75,0° | 65.3 | 63.1 | 61.0 | 59.1 | 57.5 | 56.1 | 55.1 | 54.5 | 54.4 | 54.4 | 17.8 | 943.9 |
| 77,5° | 53.1 | 50.7 | 48.5 | 46.6 | 44.8 | 43.3 | 42.3 | 41.6 | 41.5 | 41.5 | 14.7 | 958.6 |
| 80,0° | 41.8 | 39.4 | 37.0 | 35.0 | 33.1 | 31.4 | 30.2 | 29.6 | 29.4 | 29.4 | 11.8 | 970.4 |
| 82,5° | 31.0 | 28.6 | 26.2 | 24.1 | 22.1 | 20.4 | 19.1 | 18.3 | 18.1 | 18.1 | 8.9 | 979.3 |
| 85,0° | 21.8 | 19.5 | 17.2 | 15.1 | 13.1 | 11.4 | 10.0 | 9.1 | 8.9 | 8.9 | 6.4 | 985.6 |
| 87,5° | 14.3 | 12.2 | 10.1 | 8.2 | 6.5 | 4.9 | 3.6 | 2.7 | 2.4 | 2.4 | 4.3 | 990.0 |
| 90,0° | 8.9 | 7.2 | 5.5 | 4.0 | 2.7 | 1.7 | 0.9 | 0.4 | 0.2 | 0.2 | 2.9 | 992.9 |
| 92,5° | 5.3 | 3.9 | 2.7 | 2.5 | 1.7 | 1.0 | 0.6 | 0.3 | 0.0 | 0.0 | 2.0 | 994.8 |
| 95,0° | 3.3 | 2.4 | 1.6 | 1.1 | 0.6 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 1.3 | 996.2 |
| 97,5° | 2.2 | 1.7 | 1.1 | 0.8 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.9 | 997.1 |
| 100,0° | 1.4 | 1.0 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.6 | 997.7 |
| 102,5° | 1.0 | 0.7 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 998.2 |
| 105,0° | 0.7 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 998.6 |
| 107,5° | 0.6 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 998.8 |
| 110,0° | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.2 | 999.0 |

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| C- Ebenen | 0° 180° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | |
|--------------|------------|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| | | 175° 185° 355° | 170° 190° 350° | 165° 195° 345° | 160° 200° 340° | 155° 205° 335° | 150° 210° 330° | 145° 215° 325° | 140° 220° 320° | 135° 225° 315° | |
| γ | | Lichtstärke in cd/klm | | | | | | | | | |
| 112,5° | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | |
| 115,0° | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 117,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 120,0° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | |
| 122,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | |
| 125,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | |
| 127,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | |
| 130,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 132,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 135,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 137,5° | 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 | |
| 142,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 145,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 147,5° | 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 | |
| 152,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 155,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 157,5° | 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 | |
| 162,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 167,5° | 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 | |
| 172,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 175,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 177,5° | 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 | |

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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
| | | sITeco |

| C- Ebenen | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | Phi-Zone | Summe Phi-Zone |
|--------------|-----------------------|------|------|------|------|------|------|------|-----|----------------------|-------------------|
| | 130° | 125° | 120° | 115° | 110° | 105° | 100° | 95° | | | |
| | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | | | |
| | 310° | 305° | 300° | 295° | 290° | 285° | 280° | 275° | | | |
| γ | Lichtstärke in cd/klm | | | | | | | | | Lichtstrom in lm/klm | |
| 112,5° | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.2 | 999.2 |
| 115,0° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.1 | 999.3 |
| 117,5° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.1 | 999.4 |
| 120,0° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.1 | 999.6 |
| 122,5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.1 | 999.7 |
| 125,0° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.1 | 999.8 |
| 127,5° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.2 | 1000.0 |
| 130,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 132,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 135,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 137,5° | 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 | 1000.0 |
| 142,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 145,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 147,5° | 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 | 1000.0 |
| 152,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 155,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 157,5° | 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 | 1000.0 |
| 162,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 165,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 167,5° | 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 | 1000.0 |
| 172,5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 175,0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1000.0 |
| 177,5° | 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 | 1000.0 |