

Lichttechnischer Prüfbefund

Familie
PILZLEUCHTE LED

Bestell-Nr.: 5XA5235KF14HP
EAN: 4058352833193

LP-Nummer
58712_19



| | |
|------------------------|--|
| Ausführung | Mastaufsatz- oder Montage am Wandausleger |
| Optik | asymmetrisch, breit strahlend (ST1.2a) |
| Abdeckung | Abdeckung klar, PMMA |
| Bestückung | LED 4000 K CRI ≥ 70 |
| Betriebsgerät | EVG SITECO iQ |
| Bemessungswerte | Nettolichtstrom = 4990 lm Systemleistung = 33.6 W Lichtausbeute = 148.5 lm/W |

Seriendokumentation
24.05.2022

siteco

Lichtstärke in cd/klm

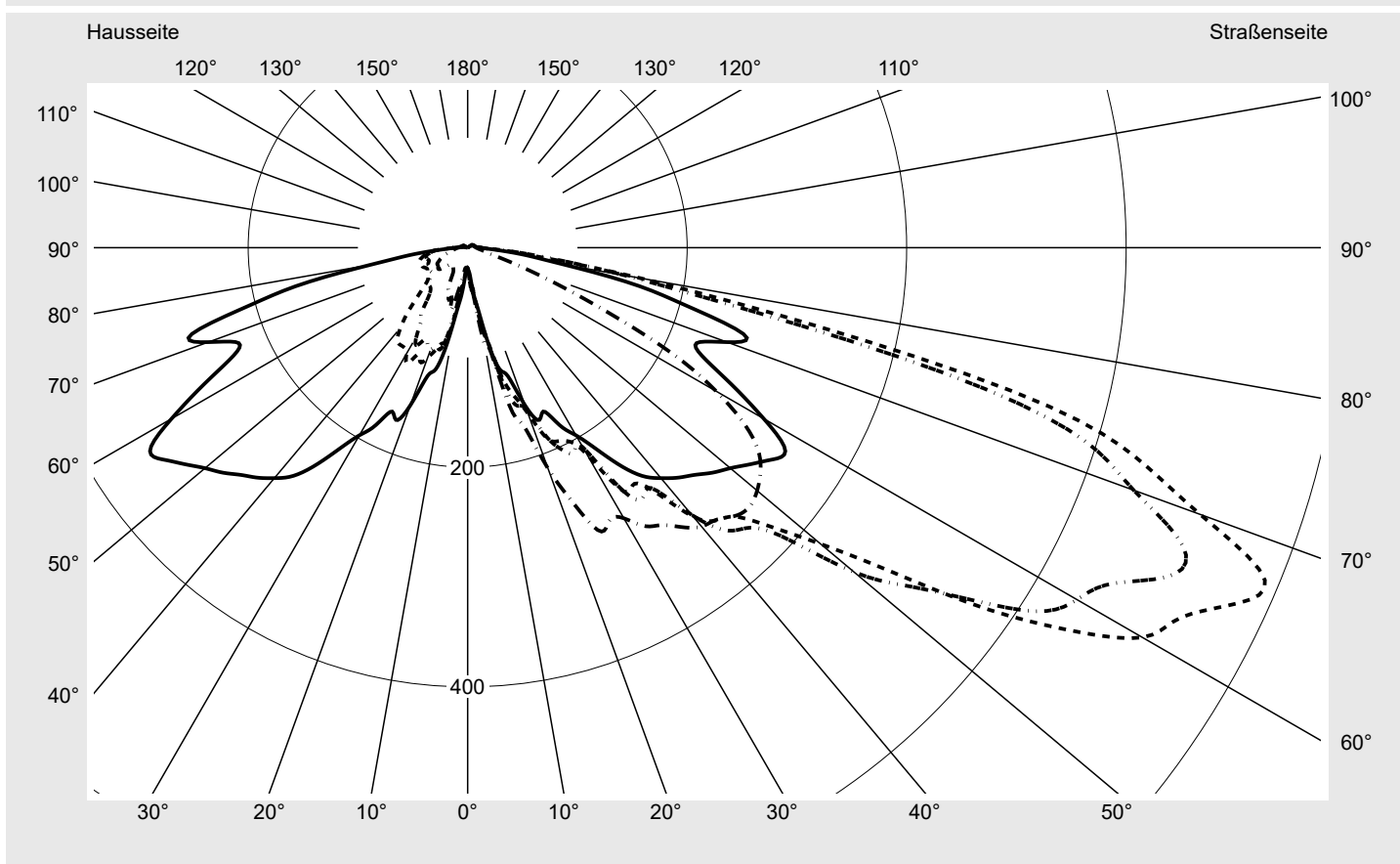
C180-0

C205-25

C210-30

C270-90

Imax: 785 cd/klm



Leuchtenbetriebswirkungsgrade

| | |
|----------------|--------|
| Eta | 100.0% |
| Eta 0° - 90° | 97.8% |
| Eta 90° - 180° | 2.2% |

Lichtstärkeklasse nach EN13201-2

| | |
|-----------|-------|
| Klasse: | G1 |
| Imax 70° | 710.3 |
| Imax 80° | 170.3 |
| Imax 90° | 13.1 |
| Imax >90° | 9.4 |
| Imax >95° | 7.4 |

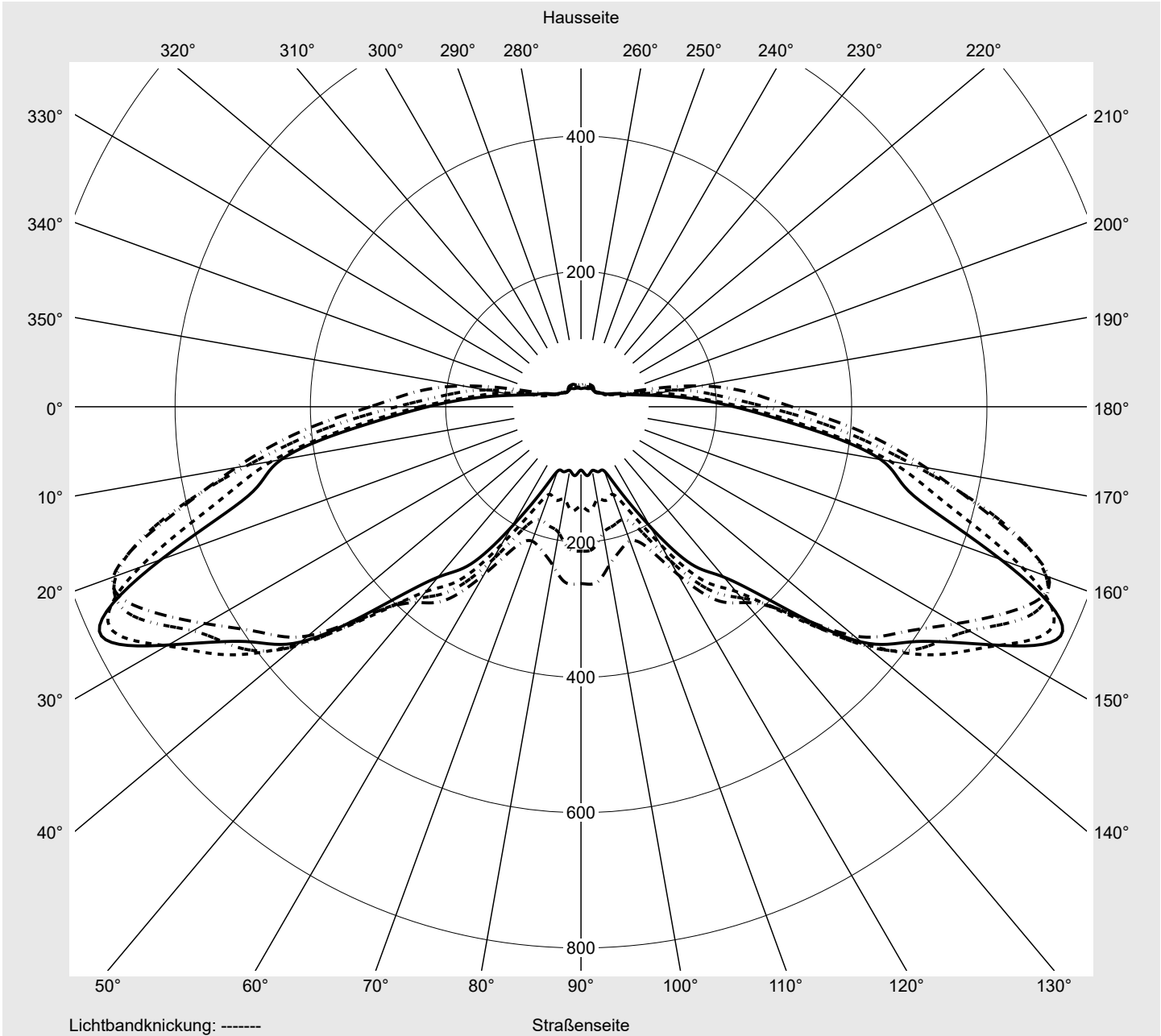
Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

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| Familie PILZLEUCHTE LED | Bestell-Nr.: 5XA5235KF14HP EAN: 4058352833193 | LP-Nummer 58712_19 |
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Kegelmantelkurven in cd/klm **KMK 67,5°** **KMK 65°** **KMK 62,5°** **KMK 60°** **siteco**



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|--|--|-------------------------------------|
| Familie PILZLEUCHTE LED | Bestell-Nr.: 5XA5235KF14HP EAN: 4058352833193 | LP-Nummer 58712_19 |
| 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° | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 |
| 2,5° | 21.5 | 22.1 | 22.0 | 22.5 | 23.0 | 22.5 | 23.7 | 22.8 | 24.0 | 22.8 | 24.3 | 23.0 | 24.0 |
| 5,0° | 26.3 | 25.8 | 28.9 | 30.0 | 34.2 | 33.7 | 38.6 | 35.9 | 36.9 | 33.6 | 34.6 | 32.6 | 35.6 |
| 7,5° | 44.0 | 43.6 | 46.1 | 45.1 | 47.0 | 42.3 | 39.3 | 38.8 | 41.8 | 41.6 | 47.5 | 46.3 | 51.3 |
| 10,0° | 60.7 | 64.3 | 71.1 | 64.8 | 70.0 | 67.5 | 74.0 | 77.4 | 78.5 | 75.2 | 73.3 | 68.5 | 67.8 |
| 12,5° | 94.1 | 93.1 | 94.5 | 92.5 | 93.0 | 91.4 | 92.5 | 78.7 | 80.5 | 84.7 | 98.7 | 98.8 | 106.5 |
| 15,0° | 115.6 | 106.5 | 119.8 | 127.5 | 113.1 | 124.0 | 132.9 | 132.1 | 129.0 | 132.4 | 131.9 | 118.5 | 120.5 |
| 17,5° | 123.3 | 117.5 | 130.0 | 136.6 | 146.0 | 142.1 | 151.0 | 134.9 | 138.8 | 146.1 | 155.9 | 150.3 | 154.2 |
| 20,0° | 152.9 | 158.4 | 168.8 | 167.5 | 162.9 | 160.7 | 156.4 | 147.5 | 147.0 | 175.0 | 164.9 | 159.9 | 174.0 |
| 22,5° | 170.0 | 166.3 | 181.1 | 183.9 | 189.8 | 187.3 | 185.1 | 159.9 | 159.9 | 158.9 | 169.8 | 181.9 | 195.5 |
| 25,0° | 164.6 | 173.2 | 180.9 | 183.4 | 193.5 | 194.5 | 202.9 | 193.6 | 196.8 | 177.7 | 173.0 | 182.1 | 205.7 |
| 27,5° | 182.9 | 193.6 | 198.8 | 196.2 | 203.0 | 198.8 | 209.7 | 220.6 | 223.8 | 206.7 | 193.0 | 189.1 | 213.4 |
| 30,0° | 197.3 | 212.1 | 230.9 | 231.2 | 230.5 | 217.8 | 209.9 | 210.1 | 226.4 | 228.7 | 213.1 | 202.5 | 223.5 |
| 32,5° | 217.0 | 206.2 | 211.8 | 224.5 | 241.0 | 262.3 | 261.3 | 234.7 | 247.3 | 259.6 | 252.9 | 232.9 | 247.2 |
| 35,0° | 242.0 | 248.8 | 264.3 | 247.8 | 247.5 | 263.3 | 278.2 | 269.3 | 269.8 | 265.6 | 270.8 | 262.3 | 264.6 |
| 37,5° | 262.3 | 272.5 | 282.6 | 284.6 | 285.9 | 280.2 | 276.4 | 277.5 | 292.3 | 285.8 | 278.5 | 292.0 | 298.0 |
| 40,0° | 274.0 | 271.0 | 277.2 | 295.3 | 314.6 | 319.8 | 317.8 | 303.5 | 314.6 | 315.0 | 293.6 | 295.2 | 313.3 |
| 42,5° | 284.1 | 275.0 | 290.3 | 298.2 | 318.3 | 336.6 | 349.3 | 332.7 | 326.0 | 346.0 | 329.9 | 308.1 | 322.8 |
| 45,0° | 292.6 | 300.0 | 328.9 | 327.9 | 348.5 | 346.7 | 360.9 | 361.6 | 363.9 | 353.2 | 342.0 | 319.1 | 329.9 |
| 47,5° | 303.2 | 324.5 | 381.9 | 376.2 | 393.3 | 377.0 | 390.1 | 388.1 | 401.7 | 382.9 | 367.0 | 343.0 | 337.8 |
| 50,0° | 312.4 | 351.2 | 422.5 | 419.3 | 453.7 | 419.8 | 459.6 | 436.3 | 410.9 | 392.8 | 380.6 | 348.5 | 333.4 |
| 52,5° | 324.2 | 364.4 | 451.5 | 465.6 | 510.8 | 482.6 | 506.4 | 488.4 | 436.6 | 401.9 | 384.8 | 358.9 | 329.7 |
| 55,0° | 336.9 | 378.7 | 456.1 | 516.0 | 598.2 | 570.3 | 558.8 | 517.8 | 469.3 | 410.6 | 390.6 | 368.8 | 324.2 |
| 57,5° | 343.1 | 403.4 | 488.1 | 583.4 | 681.9 | 647.7 | 616.5 | 548.5 | 495.8 | 424.2 | 387.8 | 365.1 | 309.9 |
| 60,0° | 311.6 | 414.6 | 517.5 | 629.2 | 735.8 | 709.9 | 641.1 | 580.6 | 526.9 | 429.1 | 377.9 | 348.8 | 286.1 |
| 62,5° | 272.5 | 381.7 | 501.0 | 637.6 | 731.4 | 731.1 | 662.5 | 619.8 | 550.4 | 430.7 | 369.0 | 330.2 | 261.1 |
| 65,0° | 237.6 | 339.4 | 464.3 | 561.9 | 694.0 | 769.0 | 706.9 | 639.1 | 545.3 | 436.1 | 356.6 | 312.6 | 235.6 |
| 67,5° | 226.4 | 326.2 | 450.0 | 509.4 | 660.4 | 785.4 | 704.2 | 605.1 | 541.0 | 415.8 | 328.9 | 283.7 | 204.7 |
| 70,0° | 251.5 | 351.4 | 448.3 | 511.3 | 610.8 | 710.3 | 645.8 | 558.9 | 478.7 | 380.6 | 298.5 | 253.7 | 167.1 |
| 72,5° | 264.8 | 366.0 | 418.3 | 496.0 | 591.0 | 640.5 | 592.8 | 501.4 | 386.1 | 322.7 | 244.1 | 206.4 | 135.7 |
| 75,0° | 209.7 | 323.0 | 352.7 | 420.3 | 509.4 | 531.2 | 470.2 | 369.7 | 263.4 | 224.2 | 198.7 | 180.4 | 121.8 |
| 77,5° | 157.6 | 216.1 | 234.6 | 292.0 | 310.4 | 313.4 | 260.6 | 206.9 | 163.3 | 150.3 | 153.5 | 157.4 | 103.5 |
| 80,0° | 90.1 | 115.3 | 127.7 | 170.3 | 150.5 | 159.1 | 145.5 | 138.1 | 112.3 | 90.8 | 69.1 | 81.5 | 46.6 |
| 82,5° | 55.4 | 62.8 | 67.1 | 90.6 | 71.8 | 69.1 | 79.0 | 95.6 | 73.5 | 54.5 | 32.2 | 25.2 | 15.6 |
| 85,0° | 30.4 | 35.7 | 33.4 | 44.3 | 32.9 | 39.3 | 41.6 | 52.7 | 31.9 | 26.7 | 16.4 | 14.8 | 12.6 |
| 87,5° | 16.6 | 18.3 | 17.8 | 19.6 | 18.8 | 18.1 | 16.6 | 18.3 | 17.1 | 14.8 | 11.9 | 11.1 | 10.2 |
| 90,0° | 12.1 | 13.1 | 12.2 | 13.1 | 12.2 | 12.4 | 11.9 | 12.2 | 11.1 | 10.9 | 9.9 | 9.7 | 9.1 |
| 92,5° | 9.1 | 9.2 | 9.2 | 9.4 | 9.2 | 9.4 | 9.1 | 9.2 | 9.1 | 9.1 | 8.7 | 8.9 | 8.4 |
| 95,0° | 7.7 | 8.1 | 7.7 | 8.1 | 7.9 | 7.9 | 7.9 | 8.1 | 7.7 | 7.7 | 7.6 | 7.6 | 7.2 |
| 97,5° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.4 | 7.0 | 7.2 | 7.0 | 7.2 | 7.2 | 7.2 | 6.9 |
| 100,0° | 6.2 | 6.4 | 6.4 | 6.5 | 6.5 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.5 |
| 102,5° | 5.9 | 6.0 | 5.9 | 6.2 | 6.2 | 6.4 | 6.4 | 6.4 | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 |
| 105,0° | 5.5 | 5.5 | 5.9 | 5.9 | 5.9 | 6.0 | 6.0 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| 107,5° | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 | 5.7 | 5.9 | 5.9 | 5.9 | 6.0 | 6.0 | 6.0 | 6.0 |
| 110,0° | 5.0 | 5.2 | 5.2 | 5.4 | 5.5 | 5.7 | 5.7 | 5.7 | 5.9 | 6.0 | 5.9 | 5.9 | 5.9 |
| 112,5° | 4.9 | 4.9 | 5.2 | 5.2 | 5.2 | 5.4 | 5.5 | 5.7 | 5.7 | 5.7 | 5.7 | 5.9 | 5.9 |

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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° | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 |
| 2,5° | 22.7 | 23.5 | 22.7 | 23.2 | 22.7 | 23.2 | 21.8 | 20.8 | 21.0 | 20.6 | 21.0 | 20.0 | 20.1 |
| 5,0° | 32.9 | 36.4 | 32.9 | 36.4 | 33.2 | 36.2 | 24.5 | 23.2 | 22.8 | 22.8 | 22.3 | 23.2 | 22.7 |
| 7,5° | 50.0 | 51.5 | 51.3 | 53.7 | 53.0 | 50.0 | 45.5 | 43.0 | 44.6 | 38.6 | 36.6 | 31.2 | 30.2 |
| 10,0° | 66.4 | 76.0 | 77.7 | 82.1 | 81.0 | 89.3 | 58.7 | 54.5 | 54.4 | 53.4 | 52.9 | 47.8 | 51.0 |
| 12,5° | 103.7 | 108.4 | 98.3 | 98.5 | 97.5 | 97.0 | 90.3 | 85.7 | 94.8 | 88.6 | 84.4 | 77.4 | 76.2 |
| 15,0° | 115.9 | 124.5 | 132.2 | 147.0 | 148.7 | 152.0 | 117.5 | 96.8 | 91.1 | 90.9 | 90.3 | 95.8 | 82.9 |
| 17,5° | 162.8 | 171.2 | 170.0 | 172.7 | 161.9 | 170.5 | 123.7 | 118.8 | 108.1 | 102.7 | 98.0 | 94.1 | 92.6 |
| 20,0° | 170.8 | 193.0 | 200.0 | 211.6 | 215.1 | 214.1 | 136.4 | 124.3 | 123.0 | 112.8 | 106.7 | 98.3 | 89.1 |
| 22,5° | 205.5 | 221.5 | 236.1 | 248.2 | 248.0 | 252.0 | 153.5 | 142.0 | 135.1 | 126.2 | 112.8 | 95.3 | 82.7 |
| 25,0° | 222.0 | 231.9 | 251.9 | 281.9 | 285.6 | 284.9 | 159.9 | 148.3 | 128.4 | 121.1 | 107.2 | 92.1 | 78.2 |
| 27,5° | 229.5 | 235.4 | 255.4 | 273.8 | 277.4 | 279.9 | 174.7 | 151.9 | 124.0 | 114.4 | 118.8 | 100.2 | 70.8 |
| 30,0° | 245.5 | 260.9 | 272.5 | 286.1 | 280.6 | 284.6 | 188.6 | 179.0 | 154.2 | 123.8 | 111.8 | 93.3 | 61.6 |
| 32,5° | 267.6 | 280.2 | 287.3 | 298.0 | 298.3 | 300.7 | 202.9 | 169.5 | 148.0 | 125.5 | 107.7 | 78.9 | 51.0 |
| 35,0° | 278.0 | 298.3 | 303.7 | 309.7 | 311.3 | 308.4 | 228.9 | 188.8 | 157.4 | 133.4 | 107.7 | 73.8 | 45.1 |
| 37,5° | 294.6 | 311.9 | 315.1 | 320.3 | 323.0 | 320.8 | 245.1 | 205.4 | 162.3 | 139.1 | 105.4 | 61.6 | 43.3 |
| 40,0° | 306.2 | 317.1 | 320.2 | 327.2 | 332.9 | 331.6 | 249.3 | 214.3 | 175.8 | 139.3 | 95.0 | 53.4 | 44.1 |
| 42,5° | 319.0 | 319.6 | 326.9 | 334.4 | 336.8 | 335.9 | 274.3 | 224.3 | 174.5 | 138.9 | 82.2 | 50.0 | 46.3 |
| 45,0° | 333.1 | 321.8 | 332.1 | 338.6 | 344.1 | 345.3 | 289.6 | 237.3 | 177.9 | 132.1 | 67.3 | 49.2 | 46.0 |
| 47,5° | 333.6 | 318.8 | 336.3 | 342.5 | 349.9 | 348.7 | 300.5 | 245.7 | 180.4 | 121.3 | 56.2 | 48.7 | 44.0 |
| 50,0° | 320.0 | 306.4 | 329.7 | 335.4 | 345.3 | 344.3 | 305.4 | 244.1 | 186.8 | 103.4 | 48.5 | 45.5 | 40.8 |
| 52,5° | 301.7 | 287.9 | 315.6 | 325.2 | 337.3 | 336.3 | 306.7 | 242.3 | 182.4 | 84.1 | 45.3 | 42.1 | 38.4 |
| 55,0° | 278.5 | 264.4 | 293.1 | 306.6 | 323.5 | 323.5 | 312.1 | 239.9 | 170.5 | 68.0 | 43.8 | 39.6 | 36.9 |
| 57,5° | 252.5 | 240.1 | 262.4 | 278.2 | 297.3 | 299.0 | 296.0 | 217.8 | 137.1 | 56.7 | 42.8 | 39.9 | 37.1 |
| 60,0° | 228.2 | 211.4 | 221.0 | 238.4 | 260.9 | 261.4 | 247.0 | 177.2 | 97.3 | 54.9 | 42.3 | 39.1 | 36.6 |
| 62,5° | 197.0 | 177.7 | 182.4 | 189.3 | 210.2 | 213.4 | 199.7 | 142.5 | 70.3 | 52.7 | 41.6 | 37.9 | 35.6 |
| 65,0° | 170.6 | 137.9 | 143.3 | 139.1 | 154.4 | 147.0 | 164.9 | 115.9 | 63.6 | 51.7 | 43.0 | 38.8 | 34.9 |
| 67,5° | 139.8 | 101.3 | 99.5 | 95.6 | 102.2 | 93.6 | 154.0 | 98.7 | 70.5 | 57.1 | 44.6 | 38.9 | 34.9 |
| 70,0° | 117.6 | 77.9 | 61.1 | 55.7 | 61.7 | 56.7 | 173.3 | 104.9 | 77.4 | 58.6 | 44.0 | 37.8 | 33.9 |
| 72,5° | 90.9 | 61.6 | 38.8 | 32.6 | 33.6 | 32.2 | 166.1 | 104.4 | 72.2 | 54.2 | 44.5 | 37.3 | 33.6 |
| 75,0° | 70.3 | 35.4 | 27.5 | 22.1 | 21.8 | 20.5 | 113.1 | 78.9 | 64.3 | 49.2 | 45.3 | 38.6 | 35.1 |
| 77,5° | 50.8 | 22.1 | 19.5 | 16.8 | 16.4 | 15.8 | 88.6 | 64.8 | 56.0 | 47.2 | 43.0 | 38.6 | 36.7 |
| 80,0° | 23.0 | 14.3 | 14.1 | 13.4 | 13.6 | 13.1 | 61.7 | 55.0 | 50.0 | 45.6 | 39.9 | 37.8 | 35.9 |
| 82,5° | 13.1 | 11.2 | 11.1 | 10.7 | 11.1 | 10.7 | 42.3 | 41.8 | 40.9 | 37.8 | 35.7 | 33.9 | 32.9 |
| 85,0° | 11.2 | 10.4 | 10.1 | 9.7 | 9.7 | 9.4 | 26.7 | 28.7 | 30.4 | 32.2 | 30.5 | 29.9 | 28.5 |
| 87,5° | 9.9 | 9.4 | 9.1 | 8.7 | 8.6 | 8.4 | 15.3 | 16.6 | 17.1 | 19.1 | 19.1 | 18.6 | 18.1 |
| 90,0° | 9.2 | 8.7 | 8.7 | 8.4 | 8.1 | 7.7 | 11.7 | 12.2 | 11.6 | 12.6 | 11.6 | 12.6 | 10.7 |
| 92,5° | 8.6 | 8.2 | 8.4 | 7.9 | 7.7 | 7.7 | 8.9 | 8.9 | 8.6 | 8.7 | 8.2 | 8.4 | 8.1 |
| 95,0° | 7.4 | 7.2 | 7.2 | 7.0 | 7.0 | 7.0 | 7.7 | 7.7 | 7.4 | 7.2 | 6.7 | 6.9 | 6.4 |
| 97,5° | 7.0 | 6.9 | 7.0 | 6.9 | 6.9 | 6.7 | 6.9 | 6.7 | 6.4 | 6.4 | 6.0 | 5.9 | 5.5 |
| 100,0° | 6.5 | 6.5 | 6.7 | 6.5 | 6.7 | 6.7 | 6.2 | 6.2 | 5.9 | 5.9 | 5.5 | 5.4 | 5.2 |
| 102,5° | 6.5 | 6.5 | 6.5 | 6.4 | 6.5 | 6.4 | 5.7 | 5.5 | 5.5 | 5.4 | 5.2 | 4.9 | 4.7 |
| 105,0° | 6.2 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 5.5 | 5.2 | 5.0 | 4.9 | 4.7 | 4.5 | 4.4 |
| 107,5° | 6.2 | 6.2 | 6.2 | 6.0 | 6.0 | 6.0 | 5.2 | 5.0 | 4.9 | 4.7 | 4.5 | 4.4 | 4.2 |
| 110,0° | 6.0 | 5.9 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 4.7 | 4.5 | 4.5 | 4.2 | 4.0 | 4.0 |
| 112,5° | 5.9 | 5.7 | 5.7 | 5.7 | 5.9 | 5.7 | 4.7 | 4.5 | 4.4 | 4.2 | 4.2 | 4.0 | 3.7 |

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| Wertetabelle Lichtstärkemessung | | Maximale Lichtstärke |
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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° | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 0.0 | 0.0 |
| 2,5° | 19.0 | 20.3 | 19.0 | 19.3 | 18.5 | 18.3 | 19.0 | 17.5 | 18.3 | 17.5 | 18.1 | 0.3 | 0.3 |
| 5,0° | 22.3 | 22.0 | 21.1 | 20.8 | 20.1 | 20.3 | 19.5 | 20.0 | 19.3 | 20.1 | 19.1 | 0.7 | 0.9 |
| 7,5° | 28.9 | 30.9 | 34.2 | 35.6 | 31.2 | 30.4 | 25.7 | 24.2 | 21.6 | 21.6 | 20.1 | 1.4 | 2.4 |
| 10,0° | 45.6 | 42.3 | 42.8 | 47.3 | 43.3 | 34.4 | 29.5 | 31.0 | 31.2 | 33.1 | 31.5 | 2.8 | 5.1 |
| 12,5° | 70.1 | 65.6 | 61.4 | 62.6 | 53.9 | 48.2 | 43.5 | 47.0 | 45.5 | 46.5 | 42.3 | 4.8 | 10.0 |
| 15,0° | 74.0 | 66.6 | 59.4 | 56.2 | 55.7 | 55.2 | 51.5 | 53.4 | 58.7 | 58.7 | 59.4 | 7.2 | 17.1 |
| 17,5° | 87.4 | 77.9 | 67.0 | 64.3 | 58.2 | 53.4 | 48.7 | 47.5 | 51.7 | 50.2 | 48.3 | 9.4 | 26.5 |
| 20,0° | 87.3 | 68.0 | 58.2 | 52.9 | 55.4 | 54.0 | 49.8 | 44.1 | 47.3 | 48.0 | 50.3 | 11.9 | 38.5 |
| 22,5° | 68.5 | 54.2 | 49.7 | 48.0 | 47.0 | 44.3 | 44.0 | 40.3 | 43.6 | 45.6 | 44.6 | 14.4 | 52.8 |
| 25,0° | 60.2 | 44.5 | 39.4 | 38.1 | 38.4 | 37.4 | 40.6 | 38.4 | 39.8 | 40.9 | 41.6 | 16.4 | 69.3 |
| 27,5° | 52.2 | 38.8 | 36.1 | 34.7 | 34.1 | 33.1 | 34.9 | 32.6 | 32.2 | 33.2 | 34.2 | 18.5 | 87.8 |
| 30,0° | 44.5 | 37.6 | 34.6 | 33.1 | 31.5 | 30.0 | 30.2 | 27.7 | 26.5 | 27.2 | 26.8 | 21.2 | 109.0 |
| 32,5° | 40.3 | 37.1 | 34.1 | 32.4 | 31.0 | 29.0 | 28.0 | 26.0 | 24.5 | 25.0 | 24.2 | 24.1 | 133.1 |
| 35,0° | 38.6 | 35.7 | 33.7 | 31.5 | 29.7 | 27.5 | 26.7 | 25.0 | 23.5 | 23.7 | 22.8 | 27.5 | 160.6 |
| 37,5° | 39.6 | 35.6 | 32.2 | 30.2 | 29.0 | 27.2 | 25.8 | 24.5 | 22.3 | 23.0 | 21.8 | 30.9 | 191.4 |
| 40,0° | 40.1 | 36.9 | 32.6 | 29.9 | 28.0 | 26.5 | 25.0 | 24.3 | 22.1 | 22.7 | 21.5 | 34.0 | 225.4 |
| 42,5° | 41.1 | 36.6 | 32.6 | 30.2 | 28.4 | 26.5 | 24.8 | 24.0 | 22.0 | 22.3 | 21.1 | 37.1 | 262.5 |
| 45,0° | 41.1 | 36.2 | 32.7 | 30.9 | 29.4 | 28.0 | 25.8 | 24.8 | 22.1 | 22.3 | 20.8 | 40.5 | 303.0 |
| 47,5° | 39.6 | 34.7 | 32.4 | 32.0 | 31.4 | 30.7 | 29.0 | 28.2 | 25.2 | 25.8 | 23.2 | 44.6 | 347.6 |
| 50,0° | 37.1 | 33.1 | 31.5 | 32.0 | 33.1 | 33.2 | 31.9 | 31.9 | 30.2 | 30.5 | 28.2 | 48.2 | 395.8 |
| 52,5° | 35.2 | 31.9 | 30.5 | 31.9 | 33.9 | 34.6 | 34.1 | 33.7 | 33.2 | 33.9 | 32.2 | 51.5 | 447.3 |
| 55,0° | 34.4 | 32.2 | 31.2 | 32.4 | 34.2 | 35.1 | 35.1 | 34.2 | 33.2 | 34.1 | 32.9 | 54.8 | 502.2 |
| 57,5° | 34.6 | 31.9 | 31.5 | 33.1 | 34.7 | 35.6 | 35.6 | 34.1 | 32.7 | 33.2 | 31.9 | 57.5 | 559.7 |
| 60,0° | 33.9 | 31.2 | 30.9 | 32.9 | 34.9 | 35.2 | 35.2 | 33.7 | 32.6 | 32.7 | 31.5 | 58.3 | 618.0 |
| 62,5° | 33.4 | 30.7 | 30.2 | 31.7 | 33.9 | 34.1 | 34.1 | 32.7 | 32.2 | 32.2 | 31.2 | 57.2 | 675.2 |
| 65,0° | 32.2 | 29.9 | 29.7 | 30.2 | 32.0 | 31.9 | 31.5 | 30.4 | 29.7 | 29.0 | 28.9 | 54.9 | 730.0 |
| 67,5° | 31.9 | 30.0 | 30.0 | 30.4 | 30.9 | 29.7 | 28.5 | 28.4 | 28.0 | 27.4 | 26.8 | 52.3 | 782.3 |
| 70,0° | 31.9 | 30.0 | 29.9 | 29.5 | 28.7 | 26.8 | 25.0 | 25.0 | 25.5 | 24.5 | 24.2 | 49.3 | 831.6 |
| 72,5° | 31.5 | 30.5 | 30.9 | 29.5 | 27.2 | 24.0 | 22.0 | 22.3 | 23.2 | 22.1 | 21.8 | 45.2 | 876.8 |
| 75,0° | 32.0 | 31.9 | 31.0 | 28.5 | 25.7 | 21.6 | 19.5 | 19.5 | 20.5 | 20.1 | 19.1 | 37.1 | 913.9 |
| 77,5° | 33.7 | 32.0 | 30.0 | 28.0 | 24.2 | 19.5 | 17.1 | 17.3 | 18.0 | 17.8 | 16.8 | 25.8 | 939.8 |
| 80,0° | 34.7 | 31.2 | 28.5 | 26.0 | 21.8 | 17.6 | 15.1 | 15.3 | 15.8 | 15.6 | 14.4 | 16.0 | 955.8 |
| 82,5° | 34.1 | 30.0 | 27.4 | 23.2 | 19.6 | 15.4 | 13.6 | 13.6 | 13.9 | 13.9 | 12.4 | 10.1 | 965.8 |
| 85,0° | 29.4 | 25.7 | 23.3 | 18.6 | 16.3 | 13.1 | 12.2 | 12.2 | 12.6 | 12.4 | 11.1 | 6.5 | 972.3 |
| 87,5° | 20.1 | 18.6 | 17.1 | 14.6 | 13.1 | 11.6 | 11.1 | 11.1 | 11.1 | 11.1 | 9.7 | 4.0 | 976.4 |
| 90,0° | 11.9 | 10.1 | 11.1 | 9.6 | 10.1 | 9.6 | 9.7 | 9.4 | 9.6 | 9.2 | 8.4 | 2.9 | 979.3 |
| 92,5° | 8.1 | 7.9 | 8.1 | 7.7 | 7.7 | 7.6 | 7.7 | 7.4 | 7.4 | 7.4 | 6.7 | 2.3 | 981.6 |
| 95,0° | 6.4 | 6.0 | 6.2 | 5.9 | 5.9 | 5.5 | 5.9 | 5.5 | 5.5 | 5.2 | 4.7 | 1.9 | 983.5 |
| 97,5° | 5.5 | 5.2 | 5.2 | 5.2 | 4.9 | 4.9 | 4.9 | 4.5 | 4.7 | 4.4 | 4.0 | 1.7 | 985.2 |
| 100,0° | 4.9 | 4.9 | 4.5 | 4.5 | 4.4 | 4.2 | 4.2 | 4.0 | 4.0 | 3.9 | 3.7 | 1.6 | 986.7 |
| 102,5° | 4.5 | 4.4 | 4.2 | 4.0 | 3.9 | 3.9 | 3.9 | 3.7 | 3.7 | 3.7 | 3.4 | 1.5 | 988.2 |
| 105,0° | 4.4 | 4.0 | 4.0 | 3.7 | 3.7 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 1.4 | 989.6 |
| 107,5° | 4.0 | 3.9 | 3.7 | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 3.2 | 3.0 | 1.3 | 990.9 |
| 110,0° | 3.9 | 3.7 | 3.4 | 3.4 | 3.4 | 3.2 | 3.2 | 3.2 | 3.0 | 3.0 | 3.0 | 1.2 | 992.1 |
| 112,5° | 3.5 | 3.4 | 3.4 | 3.2 | 3.2 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 1.2 | 993.3 |

Lichttechnischer Prüfbefund

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| Familie PILZLEUCHTE LED | Bestell-Nr.: 5XA5235KF14HP EAN: 4058352833193 | LP-Nummer 58712_19 |
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| Wertetabelle Lichtstärkemessung | Maximale Lichtstärke | siteco |
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| 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 | | | | | | | | | | | | |
| 115,0° | 4.5 | 4.7 | 4.9 | 5.0 | 5.0 | 5.2 | 5.4 | 5.5 | 5.5 | 5.7 | 5.7 | 5.7 | 5.5 |
| 117,5° | 4.4 | 4.5 | 4.7 | 4.9 | 4.7 | 5.0 | 5.2 | 5.5 | 5.5 | 5.5 | 5.5 | 5.7 | 5.5 |
| 120,0° | 4.0 | 4.2 | 4.4 | 4.4 | 4.7 | 4.7 | 4.9 | 5.2 | 5.4 | 5.4 | 5.2 | 5.4 | 5.4 |
| 122,5° | 3.5 | 3.9 | 3.9 | 4.2 | 4.2 | 4.5 | 4.7 | 5.0 | 5.2 | 5.2 | 5.0 | 5.2 | 5.0 |
| 125,0° | 3.0 | 3.2 | 3.4 | 3.7 | 3.5 | 3.9 | 4.2 | 4.4 | 4.5 | 4.5 | 4.4 | 4.5 | 4.5 |
| 127,5° | 2.2 | 2.5 | 2.5 | 2.9 | 2.9 | 3.0 | 3.2 | 3.5 | 3.5 | 3.7 | 3.5 | 3.4 | 3.4 |
| 130,0° | 1.5 | 1.7 | 1.7 | 2.0 | 2.2 | 2.3 | 2.5 | 2.7 | 2.7 | 2.7 | 2.5 | 2.7 | 2.3 |
| 132,5° | 1.0 | 1.3 | 1.3 | 1.7 | 1.5 | 1.8 | 1.8 | 2.2 | 2.3 | 2.2 | 2.0 | 2.0 | 1.8 |
| 135,0° | 0.8 | 1.0 | 1.0 | 1.3 | 1.2 | 1.5 | 1.5 | 1.8 | 2.0 | 2.0 | 1.8 | 1.7 | 1.5 |
| 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 |
| 165,0° | 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 |

Lichttechnischer Prüfbefund

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| Familie PILZLEUCHTE LED | Bestell-Nr.: 5XA5235KF14HP EAN: 4058352833193 | LP-Nummer 58712_19 |
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| 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 | | | | | | | | | | | | |
| 115,0° | 5.5 | 5.5 | 5.5 | 5.7 | 5.7 | 5.7 | 4.4 | 4.2 | 4.0 | 4.0 | 3.7 | 3.7 | 3.4 |
| 117,5° | 5.5 | 5.4 | 5.5 | 5.4 | 5.4 | 5.4 | 4.2 | 4.0 | 3.9 | 3.7 | 3.4 | 3.4 | 3.2 |
| 120,0° | 5.2 | 5.2 | 5.4 | 5.2 | 5.4 | 5.0 | 3.9 | 3.7 | 3.4 | 3.4 | 3.2 | 3.0 | 3.0 |
| 122,5° | 5.0 | 4.9 | 4.7 | 4.7 | 4.7 | 4.7 | 3.5 | 3.4 | 3.0 | 3.0 | 2.9 | 2.7 | 2.7 |
| 125,0° | 4.4 | 4.2 | 4.2 | 4.0 | 4.0 | 4.0 | 2.9 | 2.7 | 2.7 | 2.5 | 2.5 | 2.3 | 2.2 |
| 127,5° | 3.4 | 3.0 | 3.2 | 2.9 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.8 | 1.8 | 1.8 | 1.5 |
| 130,0° | 2.3 | 2.0 | 2.2 | 1.8 | 2.0 | 2.0 | 1.3 | 1.5 | 1.3 | 1.3 | 1.3 | 1.3 | 1.0 |
| 132,5° | 1.7 | 1.7 | 1.5 | 1.5 | 1.5 | 1.3 | 1.2 | 1.0 | 1.0 | 1.0 | 0.8 | 0.8 | 0.8 |
| 135,0° | 1.5 | 1.3 | 1.2 | 1.2 | 1.0 | 1.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 |
| 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 |
| 165,0° | 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 |

| 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 | |
| 115,0° | 3.4 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 | 3.0 | 3.0 | 1.1 | 994.3 |
| 117,5° | 3.0 | 3.0 | 3.0 | 2.9 | 3.0 | 3.0 | 3.0 | 2.9 | 2.9 | 3.0 | 3.0 | 1.0 | 995.4 |
| 120,0° | 2.9 | 2.7 | 2.7 | 2.7 | 2.9 | 2.7 | 2.9 | 2.9 | 3.0 | 3.2 | 3.4 | 1.0 | 996.3 |
| 122,5° | 2.7 | 2.5 | 2.5 | 2.3 | 2.5 | 2.7 | 2.9 | 2.9 | 3.0 | 3.2 | 3.4 | 0.9 | 997.2 |
| 125,0° | 2.0 | 2.0 | 2.0 | 2.0 | 2.2 | 2.3 | 2.5 | 2.5 | 2.9 | 3.0 | 3.0 | 0.7 | 998.0 |
| 127,5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.7 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 2.7 | 0.5 | 998.5 |
| 130,0° | 1.0 | 1.0 | 1.0 | 1.2 | 1.3 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 | 0.4 | 998.9 |
| 132,5° | 0.8 | 0.8 | 1.0 | 1.0 | 1.2 | 1.2 | 1.7 | 1.8 | 2.2 | 2.5 | 2.3 | 0.3 | 999.2 |
| 135,0° | 0.7 | 0.7 | 0.8 | 0.8 | 1.0 | 1.2 | 1.5 | 1.8 | 2.0 | 2.2 | 2.3 | 0.8 | 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 |
| 165,0° | 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

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| Familie PILZLEUCHTE LED | Bestell-Nr.: 5XA5235KF14HP EAN: 4058352833193 | LP-Nummer 58712_19 |
| 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 | 4990 | 33.6 | 35.9 | 34.8 |
| 95 | 241 | 252 | 4735 | 31.4 | 33.5 | 32.4 |
| 90 | 229 | 250 | 4499 | 29.4 | 31.4 | 30.4 |
| 85 | 216 | 248 | 4243 | 27.4 | 29.2 | 28.3 |
| 80 | 203 | 246 | 3988 | 25.5 | 27.1 | 26.3 |
| 75 | 190 | 243 | 3733 | 23.6 | 25.2 | 24.4 |
| 70 | 178 | 241 | 3497 | 21.9 | 23.3 | 22.6 |
| 65 | 165 | 238 | 3242 | 20.2 | 21.5 | 20.8 |
| 60 | 152 | 235 | 2986 | 18.5 | 19.6 | 19.0 |
| 55 | 140 | 232 | 2750 | 16.9 | 18.0 | 17.4 |
| 50 | 127 | 229 | 2495 | 15.3 | 16.2 | 15.8 |
| 45 | 114 | 225 | 2240 | 13.7 | 14.5 | 14.1 |
| 40 | 102 | 221 | 2004 | 12.3 | 13.0 | 12.6 |
| 35 | 89 | 216 | 1748 | 10.8 | 11.4 | 11.1 |
| 30 | 76 | 210 | 1493 | 9.3 | 9.8 | 9.6 |
| 25 | 63 | 203 | 1238 | 7.8 | 8.2 | 8.0 |
| 20 | 51 | 195 | 1002 | 6.6 | 6.9 | 6.8 |
| 15 | 38 | 184 | 747 | 5.2 | 5.5 | 5.4 |
| 11 | 28 | 173 | 550 | 4.1 | 4.4 | 4.2 |