

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1037048

Luminaire Tested: S122R3DS-B1005DB50-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037048  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122R3DS-B1005DB50-4F0-XX-W2A-A  
Description: Define 2 3in Regressed Direct Surface with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

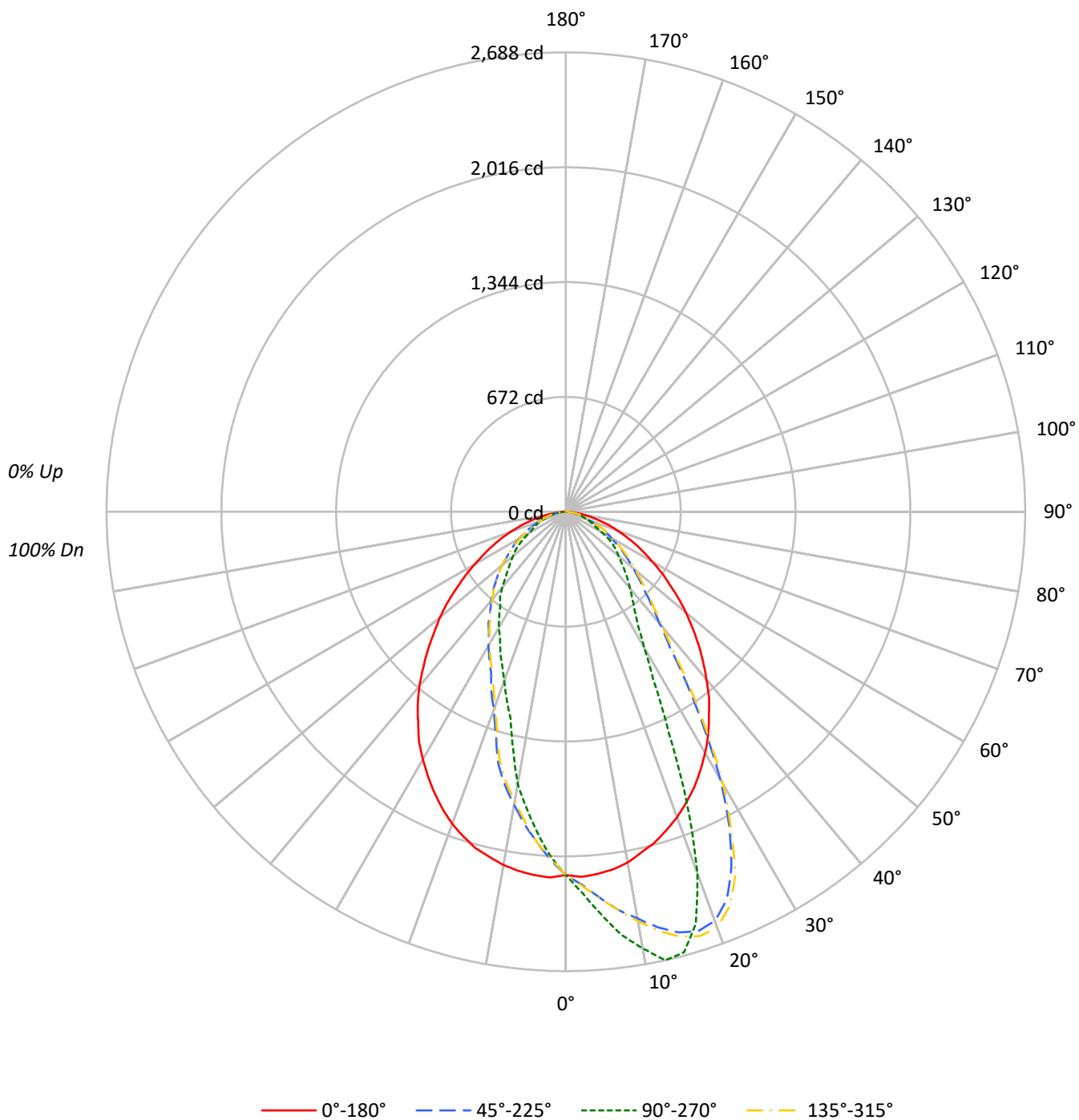
Lumens per Lamp: N/A  
Luminaire Lumens: 3673.0 lumens  
Efficiency: N/A  
Efficacy: 59.9 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 61.3  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1037048

CATALOG NUMBER: S122R3DS-B1005DB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1037048

CATALOG NUMBER: S122R3DS-B1005DB50-4F0-XX-W2A-A

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     |     | 20  |     |     |     |     | 20  |     |     |     |    | 20 |
| RC  | 80  |     |     |     | 70  |     |     |     |     | 50  |     |     |     |     | 30  |     |     |     |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 111 | 106 | 103 | 100 | 108 | 104 | 101 | 98  | 100 | 97  | 95  | 96  | 94  | 92  | 93  | 91  | 89  | 87  |    |    |
| 2   | 102 | 95  | 89  | 84  | 100 | 93  | 88  | 83  | 90  | 85  | 81  | 87  | 83  | 80  | 84  | 81  | 78  | 76  |    |    |
| 3   | 94  | 85  | 78  | 72  | 92  | 84  | 77  | 72  | 81  | 75  | 71  | 78  | 73  | 69  | 76  | 72  | 68  | 66  |    |    |
| 4   | 87  | 77  | 69  | 63  | 85  | 76  | 68  | 63  | 73  | 67  | 62  | 71  | 66  | 61  | 69  | 64  | 60  | 59  |    |    |
| 5   | 81  | 70  | 62  | 56  | 79  | 69  | 61  | 56  | 67  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 54  | 52  |    |    |
| 6   | 76  | 64  | 56  | 50  | 74  | 63  | 55  | 50  | 61  | 54  | 49  | 60  | 54  | 49  | 58  | 53  | 49  | 47  |    |    |
| 7   | 71  | 59  | 51  | 45  | 69  | 58  | 50  | 45  | 56  | 50  | 45  | 55  | 49  | 44  | 54  | 48  | 44  | 42  |    |    |
| 8   | 66  | 54  | 46  | 41  | 65  | 53  | 46  | 41  | 52  | 45  | 41  | 51  | 45  | 40  | 50  | 44  | 40  | 39  |    |    |
| 9   | 62  | 50  | 43  | 38  | 61  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 37  | 47  | 41  | 37  | 35  |    |    |
| 10  | 59  | 47  | 39  | 35  | 58  | 46  | 39  | 35  | 45  | 39  | 34  | 44  | 38  | 34  | 44  | 38  | 34  | 33  |    |    |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 33644 | 33644 | 33644 | 33644 |
| 5°  | 33796 | 37574 | 33913 | 30017 |
| 10° | 33499 | 41688 | 33735 | 26020 |
| 15° | 32846 | 43739 | 33403 | 20501 |
| 20° | 32046 | 37918 | 32744 | 17740 |
| 25° | 31059 | 24868 | 31730 | 15840 |
| 30° | 29777 | 16737 | 30588 | 14336 |
| 35° | 28200 | 13558 | 29114 | 12930 |
| 40° | 26431 | 12055 | 27559 | 11964 |
| 45° | 24533 | 10911 | 25558 | 10680 |
| 50° | 22587 | 9929  | 23643 | 9892  |
| 55° | 20422 | 9333  | 21523 | 9212  |
| 60° | 18517 | 7810  | 19499 | 7715  |
| 65° | 16761 | 6585  | 17758 | 7469  |
| 70° | 14833 | 6086  | 15995 | 7039  |
| 75° | 12825 | 5694  | 13999 | 6501  |
| 80° | 10638 | 5251  | 11440 | 5788  |
| 85° | 8318  | 4831  | 9117  | 5104  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 160°

Vertical Angle: 45°

Luminance: 36932 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 201.6  | 5.5       |
| 10°-20°   | 562.7  | 15.3      |
| 20°-30°   | 724.2  | 19.7      |
| 30°-40°   | 687.1  | 18.7      |
| 40°-50°   | 588.8  | 16.0      |
| 50°-60°   | 448.4  | 12.2      |
| 60°-70°   | 282.8  | 7.7       |
| 70°-80°   | 141.1  | 3.8       |
| 80°-90°   | 36.3   | 1.0       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 1488.5 | 40.5      |
| 0°-40°    | 2175.6 | 59.2      |
| 0°-60°    | 3212.9 | 87.5      |
| 0°-90°    | 3673.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3673.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2125 | 2125 | 2125 | 2125 | 2125 |      |
| 5°  | 2127 | 2365 | 2134 | 1889 | 2127 | 202  |
| 15° | 2004 | 2669 | 2038 | 1251 | 2004 | 564  |
| 25° | 1778 | 1424 | 1817 | 907  | 1778 | 817  |
| 35° | 1459 | 702  | 1507 | 669  | 1459 | 913  |
| 45° | 1096 | 487  | 1142 | 477  | 1096 | 846  |
| 55° | 740  | 338  | 780  | 334  | 740  | 667  |
| 65° | 448  | 176  | 474  | 199  | 448  | 444  |
| 75° | 210  | 93   | 229  | 106  | 210  | 227  |
| 85° | 46   | 27   | 50   | 28   | 46   | 55   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2138.7 | 2147.6 | 2152.0 | 2157.9 | 2171.2 | 2180.1 | 2193.4 | 2196.3 | 2194.8 | 2200.8 | 2184.5 |
| 5°    | 2126.9 | 2146.1 | 2163.8 | 2178.6 | 2202.2 | 2217.0 | 2233.2 | 2252.4 | 2256.9 | 2279.0 | 2265.7 |
| 7.5°  | 2110.7 | 2138.7 | 2163.8 | 2193.4 | 2228.8 | 2248.0 | 2273.1 | 2302.7 | 2316.0 | 2342.5 | 2349.9 |
| 10°   | 2084.1 | 2123.9 | 2166.8 | 2197.8 | 2246.5 | 2280.5 | 2304.1 | 2351.4 | 2382.4 | 2422.3 | 2416.4 |
| 12.5° | 2041.2 | 2092.9 | 2150.5 | 2202.2 | 2265.7 | 2287.9 | 2332.2 | 2380.9 | 2420.8 | 2457.8 | 2490.2 |
| 15°   | 2004.3 | 2063.4 | 2126.9 | 2190.4 | 2262.8 | 2304.1 | 2348.5 | 2412.0 | 2454.8 | 2519.8 | 2547.9 |
| 17.5° | 1954.1 | 2029.4 | 2104.7 | 2175.6 | 2261.3 | 2308.6 | 2363.2 | 2425.3 | 2488.8 | 2550.8 | 2573.0 |
| 20°   | 1902.4 | 1983.6 | 2064.9 | 2160.9 | 2258.4 | 2304.1 | 2360.3 | 2437.1 | 2499.1 | 2547.9 | 2547.9 |
| 22.5° | 1840.4 | 1939.3 | 2032.4 | 2123.9 | 2230.3 | 2296.8 | 2354.4 | 2444.5 | 2488.8 | 2499.1 | 2459.2 |
| 25°   | 1778.3 | 1877.3 | 1979.2 | 2092.9 | 2214.0 | 2273.1 | 2338.1 | 2422.3 | 2437.1 | 2395.7 | 2292.3 |
| 27.5° | 1704.5 | 1815.3 | 1930.5 | 2053.1 | 2180.1 | 2253.9 | 2313.0 | 2369.1 | 2341.1 | 2230.3 | 2069.3 |
| 30°   | 1629.1 | 1748.8 | 1878.8 | 1995.4 | 2149.1 | 2217.0 | 2267.2 | 2283.5 | 2194.8 | 2014.6 | 1806.4 |
| 32.5° | 1550.9 | 1667.6 | 1804.9 | 1945.2 | 2100.3 | 2165.3 | 2197.8 | 2155.0 | 1992.5 | 1765.0 | 1511.0 |
| 35°   | 1459.3 | 1590.7 | 1734.0 | 1880.2 | 2033.9 | 2082.6 | 2101.8 | 1996.9 | 1788.7 | 1494.7 | 1242.2 |
| 37.5° | 1376.6 | 1508.0 | 1661.6 | 1810.8 | 1960.0 | 1986.6 | 1967.4 | 1803.4 | 1539.1 | 1248.1 | 1001.4 |
| 40°   | 1279.1 | 1419.4 | 1570.1 | 1737.0 | 1859.6 | 1866.9 | 1819.7 | 1607.0 | 1279.1 | 1005.8 | 853.7  |
| 42.5° | 1189.0 | 1330.8 | 1481.4 | 1651.3 | 1744.4 | 1719.2 | 1655.7 | 1376.6 | 1067.9 | 867.0  | 744.4  |
| 45°   | 1095.9 | 1230.4 | 1392.8 | 1543.5 | 1609.9 | 1550.9 | 1454.9 | 1158.0 | 896.5  | 745.9  | 651.4  |
| 47.5° | 1005.8 | 1131.4 | 1292.4 | 1437.1 | 1449.0 | 1382.5 | 1268.8 | 970.4  | 776.9  | 655.8  | 579.0  |
| 50°   | 917.2  | 1042.8 | 1193.4 | 1313.1 | 1301.3 | 1209.7 | 1081.2 | 843.4  | 675.0  | 579.0  | 515.5  |
| 52.5° | 828.6  | 942.3  | 1088.6 | 1183.1 | 1132.9 | 1044.3 | 917.2  | 714.9  | 589.3  | 505.1  | 456.4  |
| 55°   | 740.0  | 846.3  | 971.9  | 1050.2 | 970.4  | 868.5  | 778.4  | 613.0  | 511.0  | 443.1  | 406.2  |
| 57.5° | 666.1  | 750.3  | 865.5  | 912.8  | 816.8  | 737.0  | 658.7  | 527.3  | 443.1  | 394.4  | 351.5  |
| 60°   | 584.9  | 661.7  | 756.2  | 784.3  | 685.3  | 620.3  | 553.9  | 446.1  | 379.6  | 336.8  | 308.7  |
| 62.5° | 515.5  | 579.0  | 651.4  | 651.4  | 564.2  | 515.5  | 465.3  | 373.7  | 319.0  | 285.1  | 271.8  |
| 65°   | 447.5  | 493.3  | 545.0  | 539.1  | 465.3  | 422.4  | 382.5  | 308.7  | 267.3  | 243.7  | 230.4  |
| 67.5° | 381.1  | 416.5  | 450.5  | 429.8  | 376.6  | 339.7  | 302.8  | 249.6  | 221.6  | 205.3  | 187.6  |
| 70°   | 320.5  | 348.6  | 366.3  | 347.1  | 293.9  | 262.9  | 236.3  | 200.9  | 178.7  | 158.0  | 147.7  |
| 72.5° | 268.8  | 280.6  | 286.5  | 262.9  | 218.6  | 200.9  | 181.7  | 156.6  | 137.4  | 127.0  | 124.1  |
| 75°   | 209.7  | 220.1  | 215.6  | 197.9  | 161.0  | 147.7  | 132.9  | 115.2  | 110.8  | 104.9  | 101.9  |
| 77.5° | 163.9  | 163.9  | 156.6  | 140.3  | 115.2  | 104.9  | 99.0   | 90.1   | 85.7   | 84.2   | 81.2   |
| 80°   | 116.7  | 115.2  | 110.8  | 93.1   | 78.3   | 72.4   | 72.4   | 66.5   | 65.0   | 62.0   | 62.0   |
| 82.5° | 76.8   | 76.8   | 70.9   | 56.1   | 51.7   | 50.2   | 48.7   | 45.8   | 45.8   | 44.3   | 44.3   |
| 85°   | 45.8   | 42.8   | 35.4   | 31.0   | 29.5   | 29.5   | 28.1   | 26.6   | 28.1   | 26.6   | 26.6   |
| 87.5° | 20.7   | 16.2   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   |
| 90°   | 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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**CANDELA DISTRIBUTION (continued):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2200.8 | 2203.7 | 2208.1 | 2228.8 | 2231.8 | 2237.7 | 2234.7 | 2234.7 | 2236.2 | 2233.2 | 2234.7 |
| 5°    | 2295.3 | 2299.7 | 2321.9 | 2347.0 | 2352.9 | 2347.0 | 2354.4 | 2364.7 | 2364.7 | 2364.7 | 2361.7 |
| 7.5°  | 2383.9 | 2400.2 | 2425.3 | 2462.2 | 2469.6 | 2477.0 | 2490.2 | 2481.4 | 2484.3 | 2497.6 | 2493.2 |
| 10°   | 2469.6 | 2493.2 | 2521.3 | 2552.3 | 2568.5 | 2578.9 | 2584.8 | 2598.1 | 2629.1 | 2593.6 | 2606.9 |
| 12.5° | 2550.8 | 2584.8 | 2614.3 | 2648.3 | 2660.1 | 2673.4 | 2677.8 | 2689.6 | 2689.6 | 2688.2 | 2698.5 |
| 15°   | 2604.0 | 2635.0 | 2661.6 | 2683.7 | 2686.7 | 2683.7 | 2680.8 | 2682.3 | 2686.7 | 2669.0 | 2679.3 |
| 17.5° | 2615.8 | 2618.7 | 2627.6 | 2618.7 | 2620.2 | 2589.2 | 2571.5 | 2567.1 | 2525.7 | 2527.2 | 2561.1 |
| 20°   | 2558.2 | 2508.0 | 2494.7 | 2445.9 | 2416.4 | 2336.6 | 2333.7 | 2311.5 | 2224.4 | 2251.0 | 2245.1 |
| 22.5° | 2400.2 | 2314.5 | 2200.8 | 2144.6 | 2116.6 | 2032.4 | 1967.4 | 1921.6 | 1890.6 | 1859.6 | 1846.3 |
| 25°   | 2191.9 | 2053.1 | 1892.1 | 1781.3 | 1765.0 | 1686.8 | 1567.1 | 1511.0 | 1444.5 | 1423.8 | 1459.3 |
| 27.5° | 1923.1 | 1742.9 | 1561.2 | 1391.3 | 1360.3 | 1289.4 | 1228.9 | 1189.0 | 1112.2 | 1107.8 | 1110.7 |
| 30°   | 1558.3 | 1376.6 | 1224.4 | 1113.7 | 1036.9 | 1004.4 | 964.5  | 935.0  | 903.9  | 915.7  | 918.7  |
| 32.5° | 1280.6 | 1107.8 | 966.0  | 906.9  | 871.4  | 850.8  | 816.8  | 797.6  | 784.3  | 779.9  | 778.4  |
| 35°   | 1017.7 | 902.5  | 838.9  | 781.3  | 760.7  | 745.9  | 720.8  | 711.9  | 700.1  | 701.6  | 701.6  |
| 37.5° | 871.4  | 775.4  | 728.2  | 698.6  | 679.4  | 672.0  | 655.8  | 646.9  | 639.5  | 636.6  | 641.0  |
| 40°   | 751.8  | 685.3  | 655.8  | 629.2  | 613.0  | 610.0  | 601.1  | 590.8  | 581.9  | 583.4  | 587.9  |
| 42.5° | 664.7  | 626.3  | 590.8  | 570.1  | 558.3  | 553.9  | 546.5  | 539.1  | 539.1  | 534.7  | 533.2  |
| 45°   | 595.2  | 564.2  | 534.7  | 515.5  | 508.1  | 502.2  | 493.3  | 491.8  | 485.9  | 487.4  | 488.9  |
| 47.5° | 533.2  | 508.1  | 485.9  | 466.7  | 459.4  | 457.9  | 449.0  | 443.1  | 443.1  | 441.6  | 440.2  |
| 50°   | 477.1  | 452.0  | 432.8  | 422.4  | 412.1  | 409.1  | 407.7  | 406.2  | 403.2  | 403.2  | 404.7  |
| 52.5° | 431.3  | 406.2  | 391.4  | 382.5  | 376.6  | 373.7  | 373.7  | 372.2  | 372.2  | 372.2  | 370.7  |
| 55°   | 381.1  | 360.4  | 348.6  | 345.6  | 342.7  | 341.2  | 339.7  | 336.8  | 335.3  | 338.2  | 335.3  |
| 57.5° | 333.8  | 326.4  | 316.1  | 313.1  | 305.7  | 305.7  | 301.3  | 298.4  | 295.4  | 298.4  | 298.4  |
| 60°   | 296.9  | 286.5  | 280.6  | 271.8  | 265.9  | 260.0  | 252.6  | 251.1  | 248.1  | 246.7  | 245.2  |
| 62.5° | 258.5  | 249.6  | 234.8  | 221.6  | 212.7  | 206.8  | 203.8  | 202.4  | 202.4  | 200.9  | 200.9  |
| 65°   | 215.6  | 195.0  | 187.6  | 183.1  | 181.7  | 180.2  | 177.2  | 175.8  | 177.2  | 175.8  | 177.2  |
| 67.5° | 168.4  | 165.4  | 161.0  | 158.0  | 156.6  | 155.1  | 155.1  | 153.6  | 153.6  | 153.6  | 153.6  |
| 70°   | 146.2  | 138.8  | 137.4  | 134.4  | 134.4  | 132.9  | 132.9  | 132.9  | 132.9  | 131.5  | 134.4  |
| 72.5° | 121.1  | 116.7  | 115.2  | 113.7  | 113.7  | 113.7  | 112.3  | 112.3  | 112.3  | 110.8  | 112.3  |
| 75°   | 99.0   | 97.5   | 94.5   | 94.5   | 93.1   | 94.5   | 93.1   | 93.1   | 91.6   | 93.1   | 93.1   |
| 77.5° | 79.8   | 78.3   | 76.8   | 76.8   | 75.3   | 75.3   | 75.3   | 75.3   | 75.3   | 75.3   | 76.8   |
| 80°   | 60.6   | 59.1   | 57.6   | 59.1   | 57.6   | 59.1   | 57.6   | 57.6   | 59.1   | 57.6   | 57.6   |
| 82.5° | 44.3   | 42.8   | 42.8   | 41.4   | 41.4   | 41.4   | 41.4   | 41.4   | 41.4   | 41.4   | 41.4   |
| 85°   | 26.6   | 25.1   | 25.1   | 26.6   | 25.1   | 26.6   | 25.1   | 25.1   | 25.1   | 26.6   | 26.6   |
| 87.5° | 11.8   | 13.3   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 11.8   | 13.3   |
| 90°   | 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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**CANDELA DISTRIBUTION (continued):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2240.6 | 2230.3 | 2227.3 | 2230.3 | 2227.3 | 2228.8 | 2218.5 | 2180.1 | 2190.4 | 2174.2 | 2183.0 |
| 5°    | 2367.7 | 2358.8 | 2339.6 | 2336.6 | 2333.7 | 2330.7 | 2316.0 | 2282.0 | 2268.7 | 2246.5 | 2245.1 |
| 7.5°  | 2488.8 | 2488.8 | 2474.0 | 2463.7 | 2450.4 | 2440.0 | 2420.8 | 2370.6 | 2349.9 | 2323.3 | 2308.6 |
| 10°   | 2608.4 | 2570.0 | 2586.3 | 2575.9 | 2543.4 | 2537.5 | 2502.1 | 2472.5 | 2432.6 | 2406.1 | 2382.4 |
| 12.5° | 2694.1 | 2682.3 | 2667.5 | 2658.6 | 2649.8 | 2630.6 | 2606.9 | 2531.6 | 2510.9 | 2457.8 | 2431.2 |
| 15°   | 2691.1 | 2683.7 | 2688.2 | 2688.2 | 2685.2 | 2680.8 | 2661.6 | 2606.9 | 2571.5 | 2519.8 | 2474.0 |
| 17.5° | 2546.4 | 2565.6 | 2584.8 | 2598.1 | 2627.6 | 2640.9 | 2658.6 | 2626.1 | 2604.0 | 2559.7 | 2510.9 |
| 20°   | 2293.8 | 2341.1 | 2397.2 | 2409.0 | 2435.6 | 2513.9 | 2549.3 | 2577.4 | 2586.3 | 2571.5 | 2531.6 |
| 22.5° | 1942.3 | 1982.2 | 2118.0 | 2115.1 | 2153.5 | 2246.5 | 2349.9 | 2434.1 | 2500.6 | 2537.5 | 2522.7 |
| 25°   | 1521.3 | 1577.5 | 1649.8 | 1704.5 | 1830.0 | 1968.9 | 2097.4 | 2231.8 | 2347.0 | 2448.9 | 2474.0 |
| 27.5° | 1150.6 | 1224.4 | 1282.0 | 1354.4 | 1417.9 | 1581.9 | 1747.3 | 1957.0 | 2091.5 | 2284.9 | 2385.4 |
| 30°   | 930.5  | 964.5  | 1022.1 | 1056.1 | 1087.1 | 1212.6 | 1400.2 | 1607.0 | 1843.3 | 2066.3 | 2239.2 |
| 32.5° | 794.6  | 818.3  | 861.1  | 875.9  | 908.4  | 992.6  | 1110.7 | 1299.8 | 1543.5 | 1813.8 | 2041.2 |
| 35°   | 713.4  | 738.5  | 747.4  | 760.7  | 787.2  | 840.4  | 921.7  | 1059.0 | 1279.1 | 1543.5 | 1815.3 |
| 37.5° | 644.0  | 657.3  | 682.4  | 691.2  | 700.1  | 740.0  | 794.6  | 890.6  | 1036.9 | 1254.0 | 1555.3 |
| 40°   | 595.2  | 602.6  | 615.9  | 623.3  | 629.2  | 657.3  | 706.0  | 771.0  | 878.8  | 1044.3 | 1321.9 |
| 42.5° | 543.5  | 552.4  | 561.3  | 570.1  | 577.5  | 599.7  | 629.2  | 691.2  | 763.6  | 889.2  | 1090.0 |
| 45°   | 493.3  | 499.2  | 509.6  | 515.5  | 525.8  | 543.5  | 570.1  | 613.0  | 678.0  | 757.7  | 920.2  |
| 47.5° | 447.5  | 454.9  | 459.4  | 466.7  | 474.1  | 493.3  | 518.4  | 546.5  | 599.7  | 678.0  | 796.1  |
| 50°   | 406.2  | 415.0  | 420.9  | 422.4  | 428.3  | 446.1  | 466.7  | 497.8  | 531.7  | 592.3  | 695.7  |
| 52.5° | 376.6  | 378.1  | 382.5  | 388.5  | 387.0  | 397.3  | 416.5  | 440.2  | 475.6  | 524.3  | 599.7  |
| 55°   | 342.7  | 347.1  | 350.1  | 351.5  | 351.5  | 360.4  | 370.7  | 392.9  | 420.9  | 460.8  | 524.3  |
| 57.5° | 299.8  | 304.3  | 313.1  | 316.1  | 320.5  | 324.9  | 329.4  | 344.1  | 367.8  | 406.2  | 457.9  |
| 60°   | 255.5  | 258.5  | 267.3  | 273.2  | 276.2  | 288.0  | 293.9  | 305.7  | 319.0  | 347.1  | 395.8  |
| 62.5° | 205.3  | 208.3  | 212.7  | 218.6  | 224.5  | 242.2  | 257.0  | 268.8  | 279.2  | 298.4  | 338.2  |
| 65°   | 178.7  | 180.2  | 183.1  | 184.6  | 186.1  | 193.5  | 206.8  | 223.0  | 242.2  | 257.0  | 280.6  |
| 67.5° | 155.1  | 156.6  | 158.0  | 161.0  | 162.5  | 163.9  | 169.9  | 174.3  | 193.5  | 214.2  | 231.9  |
| 70°   | 132.9  | 135.9  | 137.4  | 137.4  | 138.8  | 141.8  | 144.7  | 150.7  | 156.6  | 166.9  | 189.1  |
| 72.5° | 112.3  | 113.7  | 116.7  | 116.7  | 116.7  | 119.6  | 122.6  | 125.5  | 128.5  | 134.4  | 143.3  |
| 75°   | 93.1   | 96.0   | 96.0   | 96.0   | 97.5   | 97.5   | 100.4  | 103.4  | 106.3  | 110.8  | 113.7  |
| 77.5° | 76.8   | 76.8   | 76.8   | 76.8   | 78.3   | 78.3   | 79.8   | 82.7   | 84.2   | 85.7   | 88.6   |
| 80°   | 57.6   | 59.1   | 59.1   | 59.1   | 60.6   | 60.6   | 60.6   | 63.5   | 65.0   | 65.0   | 67.9   |
| 82.5° | 42.8   | 42.8   | 42.8   | 44.3   | 42.8   | 44.3   | 44.3   | 45.8   | 44.3   | 45.8   | 47.3   |
| 85°   | 26.6   | 26.6   | 26.6   | 28.1   | 28.1   | 28.1   | 28.1   | 28.1   | 28.1   | 28.1   | 29.5   |
| 87.5° | 13.3   | 13.3   | 13.3   | 13.3   | 13.3   | 13.3   | 13.3   | 13.3   | 14.8   | 13.3   | 13.3   |
| 90°   | 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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**CANDELA DISTRIBUTION (continued):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2169.7 | 2162.4 | 2162.4 | 2157.9 | 2157.9 | 2134.3 | 2134.3 | 2141.7 | 2132.8 | 2122.5 | 2107.7 |
| 5°    | 2225.9 | 2209.6 | 2205.2 | 2199.3 | 2180.1 | 2150.5 | 2138.7 | 2134.3 | 2116.6 | 2094.4 | 2069.3 |
| 7.5°  | 2279.0 | 2252.4 | 2239.2 | 2225.9 | 2200.8 | 2159.4 | 2135.8 | 2119.5 | 2092.9 | 2059.0 | 2026.5 |
| 10°   | 2330.7 | 2296.8 | 2262.8 | 2246.5 | 2211.1 | 2159.4 | 2125.4 | 2098.8 | 2060.4 | 2014.6 | 1968.9 |
| 12.5° | 2378.0 | 2307.1 | 2301.2 | 2268.7 | 2217.0 | 2157.9 | 2106.2 | 2067.8 | 2019.1 | 1965.9 | 1912.7 |
| 15°   | 2419.4 | 2347.0 | 2311.5 | 2282.0 | 2214.0 | 2140.2 | 2085.5 | 2038.3 | 1973.3 | 1912.7 | 1847.7 |
| 17.5° | 2440.0 | 2361.7 | 2338.1 | 2289.4 | 2220.0 | 2123.9 | 2050.1 | 1992.5 | 1921.6 | 1849.2 | 1775.4 |
| 20°   | 2460.7 | 2369.1 | 2330.7 | 2296.8 | 2202.2 | 2092.9 | 2010.2 | 1943.8 | 1865.5 | 1779.8 | 1698.6 |
| 22.5° | 2471.0 | 2369.1 | 2323.3 | 2276.1 | 2184.5 | 2059.0 | 1961.5 | 1883.2 | 1791.6 | 1704.5 | 1607.0 |
| 25°   | 2453.3 | 2360.3 | 2305.6 | 2256.9 | 2153.5 | 2017.6 | 1905.4 | 1816.7 | 1719.2 | 1620.3 | 1521.3 |
| 27.5° | 2409.0 | 2339.6 | 2276.1 | 2225.9 | 2110.7 | 1964.4 | 1846.3 | 1745.8 | 1645.4 | 1534.6 | 1434.2 |
| 30°   | 2326.3 | 2295.3 | 2245.1 | 2188.9 | 2063.4 | 1917.2 | 1776.9 | 1673.5 | 1562.7 | 1451.9 | 1347.0 |
| 32.5° | 2197.8 | 2224.4 | 2191.9 | 2143.2 | 2007.3 | 1852.2 | 1703.0 | 1598.1 | 1477.0 | 1357.4 | 1261.4 |
| 35°   | 2041.2 | 2135.8 | 2118.0 | 2084.1 | 1948.2 | 1782.8 | 1633.6 | 1506.6 | 1385.4 | 1264.3 | 1168.3 |
| 37.5° | 1869.9 | 2013.2 | 2027.9 | 2007.3 | 1880.2 | 1711.9 | 1547.9 | 1423.8 | 1299.8 | 1177.2 | 1079.7 |
| 40°   | 1635.1 | 1855.1 | 1902.4 | 1911.3 | 1809.3 | 1626.2 | 1454.9 | 1333.7 | 1211.2 | 1091.5 | 973.4  |
| 42.5° | 1419.4 | 1697.1 | 1756.2 | 1793.1 | 1719.2 | 1542.0 | 1369.2 | 1234.8 | 1113.7 | 1005.8 | 887.7  |
| 45°   | 1217.1 | 1506.6 | 1602.6 | 1649.8 | 1617.3 | 1446.0 | 1267.3 | 1141.7 | 1031.0 | 932.0  | 818.3  |
| 47.5° | 1008.8 | 1299.8 | 1434.2 | 1509.5 | 1509.5 | 1348.5 | 1169.8 | 1045.7 | 939.4  | 855.2  | 754.8  |
| 50°   | 870.0  | 1112.2 | 1251.0 | 1350.0 | 1376.6 | 1249.6 | 1081.2 | 960.1  | 859.6  | 768.0  | 691.2  |
| 52.5° | 741.5  | 958.6  | 1073.8 | 1177.2 | 1254.0 | 1143.2 | 982.2  | 872.9  | 774.0  | 688.3  | 627.7  |
| 55°   | 641.0  | 803.5  | 908.4  | 1022.1 | 1107.8 | 1035.4 | 886.2  | 779.9  | 694.2  | 623.3  | 571.6  |
| 57.5° | 545.0  | 686.8  | 772.5  | 872.9  | 964.5  | 909.8  | 790.2  | 698.6  | 623.3  | 561.3  | 515.5  |
| 60°   | 463.8  | 579.0  | 645.5  | 723.7  | 837.5  | 799.1  | 700.1  | 615.9  | 555.4  | 499.2  | 460.8  |
| 62.5° | 394.4  | 485.9  | 542.1  | 598.2  | 701.6  | 683.9  | 607.1  | 542.1  | 490.4  | 443.1  | 410.6  |
| 65°   | 323.5  | 398.8  | 443.1  | 491.8  | 574.6  | 581.9  | 519.9  | 474.1  | 426.9  | 385.5  | 356.0  |
| 67.5° | 261.4  | 320.5  | 360.4  | 401.7  | 468.2  | 488.9  | 446.1  | 407.7  | 367.8  | 333.8  | 307.2  |
| 70°   | 211.2  | 252.6  | 282.1  | 314.6  | 369.3  | 394.4  | 372.2  | 345.6  | 313.1  | 285.1  | 261.4  |
| 72.5° | 166.9  | 193.5  | 211.2  | 236.3  | 280.6  | 305.7  | 304.3  | 280.6  | 257.0  | 237.8  | 218.6  |
| 75°   | 122.6  | 143.3  | 158.0  | 174.3  | 209.7  | 233.4  | 239.3  | 228.9  | 205.3  | 190.5  | 175.8  |
| 77.5° | 93.1   | 104.9  | 112.3  | 124.1  | 149.2  | 169.9  | 178.7  | 175.8  | 159.5  | 147.7  | 137.4  |
| 80°   | 70.9   | 73.9   | 76.8   | 81.2   | 101.9  | 121.1  | 127.0  | 125.5  | 116.7  | 112.3  | 100.4  |
| 82.5° | 50.2   | 51.7   | 53.2   | 54.6   | 62.0   | 78.3   | 84.2   | 87.1   | 79.8   | 75.3   | 65.0   |
| 85°   | 29.5   | 31.0   | 31.0   | 34.0   | 35.4   | 39.9   | 50.2   | 50.2   | 48.7   | 42.8   | 41.4   |
| 87.5° | 14.8   | 14.8   | 13.3   | 13.3   | 14.8   | 16.2   | 19.2   | 22.2   | 19.2   | 17.7   | 16.2   |
| 90°   | 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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**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2101.8 | 2103.3 | 2107.7 | 2094.4 | 2073.7 | 2064.9 | 2038.3 | 2033.9 | 2029.4 | 2029.4 | 2033.9 |
| 5°    | 2054.5 | 2048.6 | 2050.1 | 2025.0 | 1995.4 | 1977.7 | 1940.8 | 1946.7 | 1927.5 | 1915.7 | 1918.6 |
| 7.5°  | 2002.8 | 1986.6 | 1985.1 | 1952.6 | 1915.7 | 1883.2 | 1844.8 | 1835.9 | 1818.2 | 1797.5 | 1788.7 |
| 10°   | 1937.8 | 1926.0 | 1903.9 | 1866.9 | 1819.7 | 1793.1 | 1741.4 | 1710.4 | 1706.0 | 1674.9 | 1663.1 |
| 12.5° | 1871.4 | 1850.7 | 1828.5 | 1776.9 | 1723.7 | 1680.8 | 1642.4 | 1608.5 | 1584.8 | 1558.3 | 1540.5 |
| 15°   | 1794.6 | 1769.5 | 1744.4 | 1689.7 | 1627.7 | 1584.8 | 1527.2 | 1477.0 | 1407.6 | 1352.9 | 1321.9 |
| 17.5° | 1710.4 | 1682.3 | 1648.3 | 1587.8 | 1527.2 | 1468.2 | 1361.8 | 1302.7 | 1254.0 | 1221.5 | 1202.3 |
| 20°   | 1623.2 | 1592.2 | 1558.3 | 1497.7 | 1392.8 | 1289.4 | 1230.4 | 1184.6 | 1155.0 | 1122.5 | 1098.9 |
| 22.5° | 1531.7 | 1499.2 | 1462.2 | 1367.7 | 1256.9 | 1184.6 | 1138.8 | 1095.9 | 1053.1 | 1035.4 | 1023.6 |
| 25°   | 1446.0 | 1416.5 | 1369.2 | 1240.7 | 1153.5 | 1087.1 | 1035.4 | 1007.3 | 985.2  | 961.5  | 939.4  |
| 27.5° | 1357.4 | 1302.7 | 1236.3 | 1128.4 | 1073.8 | 1005.8 | 968.9  | 948.2  | 909.8  | 893.6  | 883.3  |
| 30°   | 1251.0 | 1190.5 | 1127.0 | 1050.2 | 986.6  | 939.4  | 905.4  | 871.4  | 849.3  | 833.0  | 815.3  |
| 32.5° | 1143.2 | 1085.6 | 1045.7 | 966.0  | 918.7  | 870.0  | 837.5  | 816.8  | 784.3  | 774.0  | 766.6  |
| 35°   | 1050.2 | 1001.4 | 966.0  | 901.0  | 856.7  | 812.4  | 788.7  | 757.7  | 737.0  | 717.8  | 706.0  |
| 37.5° | 958.6  | 932.0  | 895.1  | 840.4  | 793.2  | 757.7  | 725.2  | 714.9  | 686.8  | 676.5  | 664.7  |
| 40°   | 895.1  | 855.2  | 824.2  | 776.9  | 737.0  | 698.6  | 678.0  | 654.3  | 635.1  | 618.9  | 614.4  |
| 42.5° | 818.3  | 788.7  | 771.0  | 719.3  | 678.0  | 655.8  | 630.7  | 604.1  | 589.3  | 576.0  | 559.8  |
| 45°   | 760.7  | 734.1  | 709.0  | 667.6  | 630.7  | 602.6  | 580.5  | 562.7  | 537.6  | 531.7  | 506.6  |
| 47.5° | 700.1  | 673.5  | 654.3  | 613.0  | 579.0  | 552.4  | 536.2  | 512.5  | 491.8  | 478.6  | 466.7  |
| 50°   | 639.5  | 617.4  | 599.7  | 564.2  | 534.7  | 506.6  | 484.5  | 460.8  | 452.0  | 429.8  | 422.4  |
| 52.5° | 581.9  | 567.2  | 548.0  | 514.0  | 484.5  | 460.8  | 437.2  | 418.0  | 404.7  | 392.9  | 384.0  |
| 55°   | 533.2  | 509.6  | 500.7  | 463.8  | 438.7  | 413.6  | 392.9  | 381.1  | 364.8  | 357.4  | 350.1  |
| 57.5° | 478.6  | 465.3  | 450.5  | 422.4  | 394.4  | 370.7  | 356.0  | 338.2  | 329.4  | 320.5  | 314.6  |
| 60°   | 431.3  | 412.1  | 400.3  | 376.6  | 351.5  | 329.4  | 316.1  | 302.8  | 291.0  | 283.6  | 271.8  |
| 62.5° | 376.6  | 361.9  | 354.5  | 329.4  | 308.7  | 288.0  | 276.2  | 262.9  | 254.0  | 240.8  | 226.0  |
| 65°   | 329.4  | 317.6  | 308.7  | 288.0  | 268.8  | 249.6  | 237.8  | 221.6  | 209.7  | 202.4  | 200.9  |
| 67.5° | 288.0  | 279.2  | 265.9  | 246.7  | 227.5  | 212.7  | 199.4  | 186.1  | 184.6  | 181.7  | 181.7  |
| 70°   | 242.2  | 233.4  | 226.0  | 205.3  | 189.1  | 172.8  | 169.9  | 165.4  | 161.0  | 159.5  | 156.6  |
| 72.5° | 202.4  | 195.0  | 186.1  | 168.4  | 152.1  | 147.7  | 144.7  | 141.8  | 137.4  | 135.9  | 134.4  |
| 75°   | 163.9  | 153.6  | 147.7  | 131.5  | 127.0  | 124.1  | 121.1  | 116.7  | 113.7  | 112.3  | 109.3  |
| 77.5° | 125.5  | 115.2  | 115.2  | 106.3  | 103.4  | 99.0   | 96.0   | 93.1   | 91.6   | 88.6   | 88.6   |
| 80°   | 88.6   | 88.6   | 85.7   | 81.2   | 76.8   | 75.3   | 70.9   | 69.4   | 67.9   | 69.4   | 66.5   |
| 82.5° | 65.0   | 59.1   | 59.1   | 56.1   | 53.2   | 51.7   | 48.7   | 48.7   | 47.3   | 47.3   | 47.3   |
| 85°   | 36.9   | 36.9   | 35.4   | 32.5   | 31.0   | 31.0   | 29.5   | 29.5   | 28.1   | 28.1   | 26.6   |
| 87.5° | 14.8   | 13.3   | 14.8   | 13.3   | 13.3   | 11.8   | 11.8   | 11.8   | 10.3   | 11.8   | 10.3   |
| 90°   | 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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**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2033.9 | 2030.9 | 2022.0 | 2025.0 | 2020.6 | 2020.6 | 2017.6 | 2017.6 | 2017.6 | 2025.0 | 2020.6 |
| 5°    | 1923.1 | 1912.7 | 1902.4 | 1898.0 | 1893.5 | 1889.1 | 1889.1 | 1887.6 | 1900.9 | 1898.0 | 1909.8 |
| 7.5°  | 1785.7 | 1782.8 | 1762.1 | 1762.1 | 1754.7 | 1751.7 | 1759.1 | 1760.6 | 1762.1 | 1765.0 | 1772.4 |
| 10°   | 1663.1 | 1655.7 | 1626.2 | 1629.1 | 1624.7 | 1618.8 | 1623.2 | 1620.3 | 1630.6 | 1633.6 | 1630.6 |
| 12.5° | 1518.4 | 1505.1 | 1472.6 | 1456.3 | 1438.6 | 1425.3 | 1441.6 | 1429.8 | 1471.1 | 1482.9 | 1515.4 |
| 15°   | 1326.4 | 1301.3 | 1279.1 | 1279.1 | 1262.8 | 1251.0 | 1258.4 | 1271.7 | 1280.6 | 1293.9 | 1299.8 |
| 17.5° | 1197.9 | 1187.5 | 1169.8 | 1159.5 | 1155.0 | 1150.6 | 1150.6 | 1156.5 | 1175.7 | 1174.2 | 1186.0 |
| 20°   | 1088.6 | 1082.7 | 1073.8 | 1060.5 | 1056.1 | 1053.1 | 1053.1 | 1053.1 | 1066.4 | 1078.2 | 1085.6 |
| 22.5° | 1013.2 | 1008.8 | 1002.9 | 985.2  | 976.3  | 973.4  | 980.7  | 985.2  | 995.5  | 1004.4 | 1011.8 |
| 25°   | 937.9  | 927.6  | 917.2  | 911.3  | 906.9  | 906.9  | 909.8  | 911.3  | 915.7  | 920.2  | 929.0  |
| 27.5° | 875.9  | 868.5  | 853.7  | 837.5  | 837.5  | 833.0  | 836.0  | 838.9  | 849.3  | 864.1  | 871.4  |
| 30°   | 806.5  | 805.0  | 799.1  | 793.2  | 787.2  | 784.3  | 790.2  | 794.6  | 796.1  | 803.5  | 803.5  |
| 32.5° | 756.2  | 745.9  | 735.6  | 729.6  | 726.7  | 725.2  | 726.7  | 732.6  | 732.6  | 741.5  | 751.8  |
| 35°   | 706.0  | 700.1  | 689.8  | 679.4  | 676.5  | 669.1  | 675.0  | 680.9  | 691.2  | 695.7  | 700.1  |
| 37.5° | 651.4  | 644.0  | 639.5  | 636.6  | 630.7  | 632.2  | 627.7  | 636.6  | 645.5  | 644.0  | 646.9  |
| 40°   | 610.0  | 596.7  | 583.4  | 581.9  | 580.5  | 579.0  | 579.0  | 580.5  | 586.4  | 592.3  | 601.1  |
| 42.5° | 556.8  | 552.4  | 540.6  | 528.8  | 525.8  | 522.9  | 519.9  | 525.8  | 537.6  | 548.0  | 552.4  |
| 45°   | 502.2  | 496.3  | 493.3  | 484.5  | 478.6  | 477.1  | 474.1  | 481.5  | 491.8  | 496.3  | 499.2  |
| 47.5° | 452.0  | 450.5  | 441.6  | 443.1  | 438.7  | 440.2  | 438.7  | 443.1  | 443.1  | 447.5  | 450.5  |
| 50°   | 418.0  | 413.6  | 409.1  | 406.2  | 401.7  | 401.7  | 400.3  | 401.7  | 407.7  | 413.6  | 412.1  |
| 52.5° | 384.0  | 376.6  | 375.2  | 373.7  | 370.7  | 373.7  | 369.3  | 370.7  | 376.6  | 379.6  | 378.1  |
| 55°   | 344.1  | 342.7  | 339.7  | 336.8  | 335.3  | 333.8  | 333.8  | 333.8  | 339.7  | 344.1  | 345.6  |
| 57.5° | 313.1  | 305.7  | 299.8  | 299.8  | 293.9  | 292.4  | 295.4  | 296.9  | 301.3  | 304.3  | 307.2  |
| 60°   | 270.3  | 267.3  | 258.5  | 254.0  | 245.2  | 243.7  | 243.7  | 249.6  | 257.0  | 267.3  | 270.3  |
| 62.5° | 224.5  | 220.1  | 218.6  | 218.6  | 218.6  | 218.6  | 218.6  | 218.6  | 218.6  | 220.1  | 220.1  |
| 65°   | 199.4  | 200.9  | 199.4  | 197.9  | 199.4  | 199.4  | 197.9  | 197.9  | 197.9  | 199.4  | 200.9  |
| 67.5° | 178.7  | 177.2  | 178.7  | 177.2  | 175.8  | 175.8  | 174.3  | 175.8  | 177.2  | 178.7  | 178.7  |
| 70°   | 155.1  | 155.1  | 153.6  | 155.1  | 153.6  | 152.1  | 150.7  | 150.7  | 153.6  | 155.1  | 155.1  |
| 72.5° | 132.9  | 132.9  | 131.5  | 131.5  | 128.5  | 128.5  | 130.0  | 128.5  | 128.5  | 132.9  | 132.9  |
| 75°   | 110.8  | 109.3  | 107.8  | 107.8  | 106.3  | 106.3  | 106.3  | 104.9  | 107.8  | 107.8  | 109.3  |
| 77.5° | 87.1   | 87.1   | 87.1   | 85.7   | 85.7   | 84.2   | 84.2   | 85.7   | 85.7   | 85.7   | 87.1   |
| 80°   | 66.5   | 66.5   | 66.5   | 65.0   | 63.5   | 63.5   | 63.5   | 63.5   | 63.5   | 65.0   | 63.5   |
| 82.5° | 45.8   | 45.8   | 45.8   | 45.8   | 45.8   | 44.3   | 44.3   | 44.3   | 45.8   | 45.8   | 44.3   |
| 85°   | 28.1   | 26.6   | 28.1   | 28.1   | 26.6   | 28.1   | 26.6   | 26.6   | 25.1   | 25.1   | 26.6   |
| 87.5° | 11.8   | 10.3   | 8.9    | 8.9    | 10.3   | 8.9    | 8.9    | 8.9    | 10.3   | 8.9    | 8.9    |
| 90°   | 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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**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2025.0 | 2032.4 | 2029.4 | 2013.2 | 2029.4 | 2033.9 | 2042.7 | 2051.6 | 2057.5 | 2066.3 | 2073.7 |
| 5°    | 1898.0 | 1912.7 | 1921.6 | 1912.7 | 1942.3 | 1946.7 | 1967.4 | 1979.2 | 1996.9 | 2011.7 | 2023.5 |
| 7.5°  | 1778.3 | 1790.1 | 1807.9 | 1810.8 | 1828.5 | 1849.2 | 1878.8 | 1908.3 | 1936.4 | 1951.1 | 1964.4 |
| 10°   | 1649.8 | 1670.5 | 1697.1 | 1691.2 | 1717.8 | 1750.3 | 1781.3 | 1828.5 | 1852.2 | 1878.8 | 1902.4 |
| 12.5° | 1521.3 | 1534.6 | 1570.1 | 1581.9 | 1620.3 | 1645.4 | 1688.2 | 1717.8 | 1776.9 | 1807.9 | 1828.5 |
| 15°   | 1296.8 | 1351.5 | 1395.8 | 1449.0 | 1499.2 | 1546.4 | 1584.8 | 1638.0 | 1689.7 | 1713.3 | 1747.3 |
| 17.5° | 1194.9 | 1220.0 | 1246.6 | 1273.2 | 1338.2 | 1422.4 | 1490.3 | 1547.9 | 1592.2 | 1623.2 | 1663.1 |
| 20°   | 1088.6 | 1113.7 | 1143.2 | 1168.3 | 1208.2 | 1268.8 | 1352.9 | 1451.9 | 1505.1 | 1537.6 | 1576.0 |
| 22.5° | 1013.2 | 1036.9 | 1056.1 | 1078.2 | 1109.2 | 1153.5 | 1217.1 | 1339.7 | 1410.6 | 1450.4 | 1484.4 |
| 25°   | 932.0  | 961.5  | 982.2  | 998.5  | 1023.6 | 1072.3 | 1124.0 | 1193.4 | 1320.5 | 1351.5 | 1398.7 |
| 27.5° | 875.9  | 884.7  | 908.4  | 933.5  | 958.6  | 985.2  | 1038.3 | 1097.4 | 1183.1 | 1251.0 | 1308.6 |
| 30°   | 809.4  | 831.6  | 853.7  | 864.1  | 886.2  | 924.6  | 957.1  | 1020.6 | 1087.1 | 1140.3 | 1209.7 |
| 32.5° | 759.2  | 772.5  | 787.2  | 812.4  | 833.0  | 859.6  | 892.1  | 945.3  | 1001.4 | 1035.4 | 1088.6 |
| 35°   | 703.1  | 711.9  | 742.9  | 753.3  | 774.0  | 800.5  | 833.0  | 874.4  | 935.0  | 961.5  | 999.9  |
| 37.5° | 649.9  | 670.6  | 679.4  | 703.1  | 722.3  | 748.8  | 772.5  | 819.7  | 859.6  | 890.6  | 926.1  |
| 40°   | 608.5  | 617.4  | 633.6  | 654.3  | 670.6  | 691.2  | 720.8  | 754.8  | 797.6  | 822.7  | 853.7  |
| 42.5° | 558.3  | 565.7  | 586.4  | 598.2  | 624.8  | 644.0  | 661.7  | 703.1  | 741.5  | 760.7  | 791.7  |
| 45°   | 503.7  | 521.4  | 534.7  | 558.3  | 573.1  | 596.7  | 618.9  | 648.4  | 683.9  | 706.0  | 723.7  |
| 47.5° | 456.4  | 474.1  | 487.4  | 509.6  | 533.2  | 543.5  | 567.2  | 598.2  | 630.7  | 648.4  | 673.5  |
| 50°   | 418.0  | 423.9  | 449.0  | 459.4  | 484.5  | 505.1  | 521.4  | 548.0  | 583.4  | 593.8  | 614.4  |
| 52.5° | 381.1  | 385.5  | 401.7  | 415.0  | 437.2  | 454.9  | 475.6  | 500.7  | 530.2  | 546.5  | 562.7  |
| 55°   | 348.6  | 351.5  | 358.9  | 373.7  | 388.5  | 410.6  | 429.8  | 453.4  | 478.6  | 496.3  | 511.0  |
| 57.5° | 311.7  | 317.6  | 323.5  | 332.3  | 347.1  | 367.8  | 388.5  | 410.6  | 431.3  | 443.1  | 462.3  |
| 60°   | 268.8  | 277.7  | 288.0  | 298.4  | 308.7  | 323.5  | 347.1  | 367.8  | 387.0  | 397.3  | 412.1  |
| 62.5° | 223.0  | 240.8  | 249.6  | 261.4  | 270.3  | 283.6  | 301.3  | 324.9  | 338.2  | 351.5  | 363.3  |
| 65°   | 200.9  | 202.4  | 203.8  | 215.6  | 231.9  | 245.2  | 261.4  | 279.2  | 299.8  | 308.7  | 317.6  |
| 67.5° | 178.7  | 180.2  | 183.1  | 184.6  | 190.5  | 205.3  | 223.0  | 242.2  | 258.5  | 264.4  | 273.2  |
| 70°   | 156.6  | 156.6  | 162.5  | 163.9  | 165.4  | 166.9  | 181.7  | 200.9  | 215.6  | 223.0  | 233.4  |
| 72.5° | 132.9  | 134.4  | 137.4  | 138.8  | 141.8  | 144.7  | 149.2  | 159.5  | 177.2  | 184.6  | 196.4  |
| 75°   | 109.3  | 110.8  | 112.3  | 113.7  | 118.2  | 119.6  | 124.1  | 130.0  | 137.4  | 146.2  | 153.6  |
| 77.5° | 87.1   | 87.1   | 88.6   | 91.6   | 94.5   | 96.0   | 100.4  | 103.4  | 106.3  | 110.8  | 116.7  |
| 80°   | 65.0   | 66.5   | 66.5   | 69.4   | 69.4   | 70.9   | 72.4   | 76.8   | 79.8   | 82.7   | 85.7   |
| 82.5° | 44.3   | 47.3   | 47.3   | 47.3   | 48.7   | 50.2   | 51.7   | 51.7   | 54.6   | 56.1   | 60.6   |
| 85°   | 26.6   | 28.1   | 28.1   | 28.1   | 26.6   | 29.5   | 29.5   | 31.0   | 31.0   | 31.0   | 32.5   |
| 87.5° | 10.3   | 8.9    | 10.3   | 10.3   | 10.3   | 11.8   | 10.3   | 10.3   | 11.8   | 13.3   | 13.3   |
| 90°   | 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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CATALOG NUMBER: S122R3DS-B1005DB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 2125.4 | 2125.4 | 2125.4 | 2125.4 |
| 2.5°  | 2087.0 | 2082.6 | 2109.2 | 2138.7 |
| 5°    | 2044.2 | 2051.6 | 2085.5 | 2126.9 |
| 7.5°  | 1999.9 | 2016.1 | 2056.0 | 2110.7 |
| 10°   | 1937.8 | 1967.4 | 2027.9 | 2084.1 |
| 12.5° | 1877.3 | 1917.2 | 1974.8 | 2041.2 |
| 15°   | 1809.3 | 1853.7 | 1924.6 | 2004.3 |
| 17.5° | 1734.0 | 1784.2 | 1866.9 | 1954.1 |
| 20°   | 1654.3 | 1720.7 | 1807.9 | 1902.4 |
| 22.5° | 1565.6 | 1645.4 | 1735.5 | 1840.4 |
| 25°   | 1480.0 | 1567.1 | 1657.2 | 1778.3 |
| 27.5° | 1395.8 | 1481.4 | 1581.9 | 1704.5 |
| 30°   | 1311.6 | 1389.9 | 1497.7 | 1629.1 |
| 32.5° | 1221.5 | 1302.7 | 1416.5 | 1550.9 |
| 35°   | 1138.8 | 1220.0 | 1326.4 | 1459.3 |
| 37.5° | 1050.2 | 1137.3 | 1239.2 | 1376.6 |
| 40°   | 946.8  | 1048.7 | 1147.6 | 1279.1 |
| 42.5° | 861.1  | 968.9  | 1064.9 | 1189.0 |
| 45°   | 793.2  | 895.1  | 974.8  | 1095.9 |
| 47.5° | 729.6  | 812.4  | 893.6  | 1005.8 |
| 50°   | 669.1  | 732.6  | 816.8  | 917.2  |
| 52.5° | 607.1  | 661.7  | 734.1  | 828.6  |
| 55°   | 550.9  | 602.6  | 667.6  | 740.0  |
| 57.5° | 499.2  | 536.2  | 601.1  | 666.1  |
| 60°   | 441.6  | 480.0  | 530.2  | 584.9  |
| 62.5° | 392.9  | 422.4  | 469.7  | 515.5  |
| 65°   | 341.2  | 369.3  | 404.7  | 447.5  |
| 67.5° | 293.9  | 319.0  | 347.1  | 381.1  |
| 70°   | 251.1  | 270.3  | 291.0  | 320.5  |
| 72.5° | 205.3  | 226.0  | 245.2  | 268.8  |
| 75°   | 168.4  | 177.2  | 193.5  | 209.7  |
| 77.5° | 130.0  | 141.8  | 150.7  | 163.9  |
| 80°   | 93.1   | 103.4  | 106.3  | 116.7  |
| 82.5° | 62.0   | 67.9   | 73.9   | 76.8   |
| 85°   | 35.4   | 38.4   | 44.3   | 45.8   |
| 87.5° | 13.3   | 14.8   | 17.7   | 20.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)