

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: P1037113

Luminaire Tested: S122R3DS-B865DB2750-4F0-XX-W2A-A\_3000K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037113  
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-B865DB2750-4F0-XX-W2A-A\_3000K  
Description: Define 2 3in Regressed Direct Surface with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

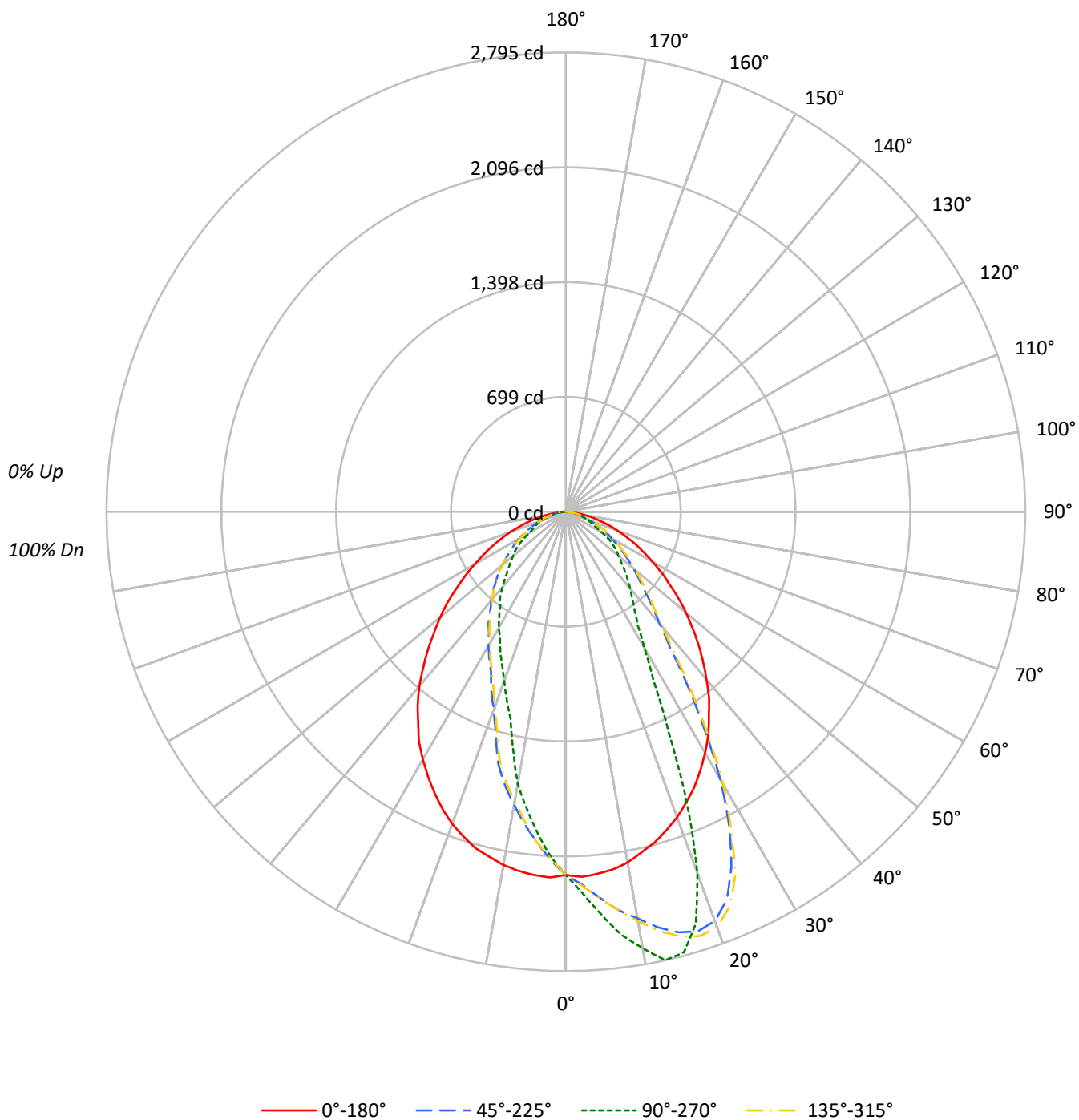
Lumens per Lamp: N/A  
Luminaire Lumens: 3819.0 lumens  
Efficiency: N/A  
Efficacy: 62.3 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

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: P1037113

CATALOG NUMBER: S122R3DS-B865DB2750-4F0-XX-W2A-A\_3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1037113

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

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

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 34981 | 34981 | 34981 | 34981 |
| 5°  | 35139 | 39068 | 35261 | 31211 |
| 10° | 34830 | 43345 | 35077 | 27055 |
| 15° | 34152 | 45477 | 34730 | 21317 |
| 20° | 33320 | 39424 | 34044 | 18445 |
| 25° | 32294 | 25856 | 32991 | 16468 |
| 30° | 30961 | 17404 | 31804 | 14906 |
| 35° | 29320 | 14097 | 30269 | 13444 |
| 40° | 27481 | 12535 | 28656 | 12440 |
| 45° | 25509 | 11345 | 26574 | 11103 |
| 50° | 23486 | 10326 | 24582 | 10286 |
| 55° | 21234 | 9706  | 22379 | 9579  |
| 60° | 19252 | 8120  | 20274 | 8022  |
| 65° | 17428 | 6847  | 18465 | 7764  |
| 70° | 15426 | 6327  | 16634 | 7322  |
| 75° | 13339 | 5920  | 14556 | 6764  |
| 80° | 11057 | 5460  | 11896 | 6016  |
| 85° | 8645  | 5013  | 9481  | 5303  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 160°

Vertical Angle: 45°

Luminance: 38401 cd/sqm

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CATALOG NUMBER: S122R3DS-B865DB2750-4F0-XX-W2A-A\_3000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 209.6  | 5.5       |
| 10°-20°   | 585.1  | 15.3      |
| 20°-30°   | 753.0  | 19.7      |
| 30°-40°   | 714.4  | 18.7      |
| 40°-50°   | 612.2  | 16.0      |
| 50°-60°   | 466.2  | 12.2      |
| 60°-70°   | 294.0  | 7.7       |
| 70°-80°   | 146.7  | 3.8       |
| 80°-90°   | 37.7   | 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°    | 1547.7 | 40.5      |
| 0°-40°    | 2262.1 | 59.2      |
| 0°-60°    | 3340.6 | 87.5      |
| 0°-90°    | 3819.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 3819.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 2210 | 2210 | 2210 | 2210 | 2210 |      |
| 5°  | 2211 | 2459 | 2219 | 1964 | 2211 | 210  |
| 15° | 2084 | 2775 | 2119 | 1301 | 2084 | 586  |
| 25° | 1849 | 1480 | 1889 | 943  | 1849 | 849  |
| 35° | 1517 | 730  | 1566 | 696  | 1517 | 949  |
| 45° | 1140 | 507  | 1187 | 496  | 1140 | 880  |
| 55° | 769  | 352  | 811  | 347  | 769  | 693  |
| 65° | 465  | 183  | 493  | 207  | 465  | 462  |
| 75° | 218  | 97   | 238  | 111  | 218  | 236  |
| 85° | 48   | 28   | 52   | 29   | 48   | 57   |
| 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°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2223.7 | 2232.9 | 2237.6 | 2243.7 | 2257.5 | 2266.7 | 2280.6 | 2283.6 | 2282.1 | 2288.2 | 2271.3 |
| 5°    | 2211.4 | 2231.4 | 2249.8 | 2265.2 | 2289.8 | 2305.1 | 2322.0 | 2342.0 | 2346.6 | 2369.6 | 2355.8 |
| 7.5°  | 2194.6 | 2223.7 | 2249.8 | 2280.6 | 2317.4 | 2337.4 | 2363.5 | 2394.2 | 2408.0 | 2435.7 | 2443.3 |
| 10°   | 2166.9 | 2208.4 | 2252.9 | 2285.2 | 2335.8 | 2371.2 | 2395.7 | 2444.9 | 2477.1 | 2518.6 | 2512.4 |
| 12.5° | 2122.4 | 2176.1 | 2236.0 | 2289.8 | 2355.8 | 2378.8 | 2424.9 | 2475.6 | 2517.1 | 2555.4 | 2589.2 |
| 15°   | 2084.0 | 2145.4 | 2211.4 | 2277.5 | 2352.7 | 2395.7 | 2441.8 | 2507.8 | 2552.4 | 2619.9 | 2649.1 |
| 17.5° | 2031.8 | 2110.1 | 2188.4 | 2262.1 | 2351.2 | 2400.3 | 2457.2 | 2521.7 | 2587.7 | 2652.2 | 2675.2 |
| 20°   | 1978.0 | 2062.5 | 2146.9 | 2246.8 | 2348.1 | 2395.7 | 2454.1 | 2533.9 | 2598.4 | 2649.1 | 2649.1 |
| 22.5° | 1913.5 | 2016.4 | 2113.2 | 2208.4 | 2318.9 | 2388.1 | 2447.9 | 2541.6 | 2587.7 | 2598.4 | 2557.0 |
| 25°   | 1849.0 | 1951.9 | 2057.9 | 2176.1 | 2302.1 | 2363.5 | 2431.1 | 2518.6 | 2533.9 | 2490.9 | 2383.4 |
| 27.5° | 1772.2 | 1887.4 | 2007.2 | 2134.7 | 2266.7 | 2343.5 | 2404.9 | 2463.3 | 2434.1 | 2318.9 | 2151.6 |
| 30°   | 1693.9 | 1818.3 | 1953.4 | 2074.8 | 2234.5 | 2305.1 | 2357.3 | 2374.2 | 2282.1 | 2094.7 | 1878.2 |
| 32.5° | 1612.5 | 1733.8 | 1876.7 | 2022.6 | 2183.8 | 2251.4 | 2285.2 | 2240.6 | 2071.7 | 1835.2 | 1571.0 |
| 35°   | 1517.3 | 1654.0 | 1802.9 | 1955.0 | 2114.7 | 2165.4 | 2185.3 | 2076.3 | 1859.8 | 1554.2 | 1291.5 |
| 37.5° | 1431.3 | 1568.0 | 1727.7 | 1882.8 | 2037.9 | 2065.6 | 2045.6 | 1875.1 | 1600.2 | 1297.7 | 1041.2 |
| 40°   | 1329.9 | 1475.8 | 1632.5 | 1806.0 | 1933.5 | 1941.2 | 1892.0 | 1670.9 | 1329.9 | 1045.8 | 887.7  |
| 42.5° | 1236.3 | 1383.7 | 1540.3 | 1716.9 | 1813.7 | 1787.6 | 1721.5 | 1431.3 | 1110.3 | 901.5  | 774.0  |
| 45°   | 1139.5 | 1279.3 | 1448.2 | 1604.8 | 1673.9 | 1612.5 | 1512.7 | 1204.0 | 932.2  | 775.5  | 677.3  |
| 47.5° | 1045.8 | 1176.4 | 1343.8 | 1494.3 | 1506.5 | 1437.4 | 1319.2 | 1009.0 | 807.8  | 681.9  | 602.0  |
| 50°   | 953.7  | 1084.2 | 1240.9 | 1365.3 | 1353.0 | 1257.8 | 1124.2 | 876.9  | 701.8  | 602.0  | 536.0  |
| 52.5° | 861.5  | 979.8  | 1131.8 | 1230.1 | 1177.9 | 1085.8 | 953.7  | 743.3  | 612.8  | 525.2  | 474.5  |
| 55°   | 769.4  | 880.0  | 1010.5 | 1091.9 | 1009.0 | 903.0  | 809.3  | 637.3  | 531.4  | 460.7  | 422.3  |
| 57.5° | 692.6  | 780.1  | 899.9  | 949.1  | 849.3  | 766.3  | 684.9  | 548.3  | 460.7  | 410.0  | 365.5  |
| 60°   | 608.1  | 688.0  | 786.3  | 815.5  | 712.6  | 645.0  | 575.9  | 463.8  | 394.7  | 350.1  | 321.0  |
| 62.5° | 536.0  | 602.0  | 677.3  | 677.3  | 586.6  | 536.0  | 483.8  | 388.5  | 331.7  | 296.4  | 282.6  |
| 65°   | 465.3  | 512.9  | 566.7  | 560.5  | 483.8  | 439.2  | 397.8  | 321.0  | 278.0  | 253.4  | 239.6  |
| 67.5° | 396.2  | 433.1  | 468.4  | 446.9  | 391.6  | 353.2  | 314.8  | 259.5  | 230.4  | 213.5  | 195.0  |
| 70°   | 333.3  | 362.4  | 380.9  | 360.9  | 305.6  | 273.4  | 245.7  | 208.9  | 185.8  | 164.3  | 153.6  |
| 72.5° | 279.5  | 291.8  | 297.9  | 273.4  | 227.3  | 208.9  | 188.9  | 162.8  | 142.8  | 132.1  | 129.0  |
| 75°   | 218.1  | 228.8  | 224.2  | 205.8  | 167.4  | 153.6  | 138.2  | 119.8  | 115.2  | 109.0  | 106.0  |
| 77.5° | 170.5  | 170.5  | 162.8  | 145.9  | 119.8  | 109.0  | 102.9  | 93.7   | 89.1   | 87.5   | 84.5   |
| 80°   | 121.3  | 119.8  | 115.2  | 96.8   | 81.4   | 75.3   | 75.3   | 69.1   | 67.6   | 64.5   | 64.5   |
| 82.5° | 79.9   | 79.9   | 73.7   | 58.4   | 53.8   | 52.2   | 50.7   | 47.6   | 47.6   | 46.1   | 46.1   |
| 85°   | 47.6   | 44.5   | 36.9   | 32.3   | 30.7   | 30.7   | 29.2   | 27.6   | 29.2   | 27.6   | 27.6   |
| 87.5° | 21.5   | 16.9   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 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):**

|       | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2288.2 | 2291.3 | 2295.9 | 2317.4 | 2320.5 | 2326.6 | 2323.6 | 2323.6 | 2325.1 | 2322.0 | 2323.6 |
| 5°    | 2386.5 | 2391.1 | 2414.2 | 2440.3 | 2446.4 | 2440.3 | 2447.9 | 2458.7 | 2458.7 | 2458.7 | 2455.6 |
| 7.5°  | 2478.7 | 2495.6 | 2521.7 | 2560.1 | 2567.7 | 2575.4 | 2589.2 | 2580.0 | 2583.1 | 2596.9 | 2592.3 |
| 10°   | 2567.7 | 2592.3 | 2621.5 | 2653.7 | 2670.6 | 2681.4 | 2687.5 | 2701.3 | 2733.6 | 2696.7 | 2710.6 |
| 12.5° | 2652.2 | 2687.5 | 2718.2 | 2753.6 | 2765.8 | 2779.7 | 2784.3 | 2796.6 | 2796.6 | 2795.0 | 2805.8 |
| 15°   | 2707.5 | 2739.7 | 2767.4 | 2790.4 | 2793.5 | 2790.4 | 2787.3 | 2788.9 | 2793.5 | 2775.1 | 2785.8 |
| 17.5° | 2719.8 | 2722.8 | 2732.1 | 2722.8 | 2724.4 | 2692.1 | 2673.7 | 2669.1 | 2626.1 | 2627.6 | 2663.0 |
| 20°   | 2659.9 | 2607.7 | 2593.8 | 2543.2 | 2512.4 | 2429.5 | 2426.4 | 2403.4 | 2312.8 | 2340.4 | 2334.3 |
| 22.5° | 2495.6 | 2406.5 | 2288.2 | 2229.9 | 2200.7 | 2113.2 | 2045.6 | 1998.0 | 1965.7 | 1933.5 | 1919.7 |
| 25°   | 2279.0 | 2134.7 | 1967.3 | 1852.1 | 1835.2 | 1753.8 | 1629.4 | 1571.0 | 1501.9 | 1480.4 | 1517.3 |
| 27.5° | 1999.5 | 1812.2 | 1623.3 | 1446.7 | 1414.4 | 1340.7 | 1277.7 | 1236.3 | 1156.4 | 1151.8 | 1154.9 |
| 30°   | 1620.2 | 1431.3 | 1273.1 | 1157.9 | 1078.1 | 1044.3 | 1002.8 | 972.1  | 939.9  | 952.2  | 955.2  |
| 32.5° | 1331.5 | 1151.8 | 1004.4 | 942.9  | 906.1  | 884.6  | 849.3  | 829.3  | 815.5  | 810.9  | 809.3  |
| 35°   | 1058.1 | 938.3  | 872.3  | 812.4  | 790.9  | 775.5  | 749.4  | 740.2  | 727.9  | 729.5  | 729.5  |
| 37.5° | 906.1  | 806.3  | 757.1  | 726.4  | 706.4  | 698.8  | 681.9  | 672.6  | 665.0  | 661.9  | 666.5  |
| 40°   | 781.7  | 712.6  | 681.9  | 654.2  | 637.3  | 634.3  | 625.0  | 614.3  | 605.1  | 606.6  | 611.2  |
| 42.5° | 691.1  | 651.1  | 614.3  | 592.8  | 580.5  | 575.9  | 568.2  | 560.5  | 560.5  | 555.9  | 554.4  |
| 45°   | 618.9  | 586.6  | 555.9  | 536.0  | 528.3  | 522.1  | 512.9  | 511.4  | 505.3  | 506.8  | 508.3  |
| 47.5° | 554.4  | 528.3  | 505.3  | 485.3  | 477.6  | 476.1  | 466.9  | 460.7  | 460.7  | 459.2  | 457.6  |
| 50°   | 496.0  | 469.9  | 450.0  | 439.2  | 428.5  | 425.4  | 423.9  | 422.3  | 419.3  | 419.3  | 420.8  |
| 52.5° | 448.4  | 422.3  | 407.0  | 397.8  | 391.6  | 388.5  | 388.5  | 387.0  | 387.0  | 387.0  | 385.5  |
| 55°   | 396.2  | 374.7  | 362.4  | 359.4  | 356.3  | 354.8  | 353.2  | 350.1  | 348.6  | 351.7  | 348.6  |
| 57.5° | 347.1  | 339.4  | 328.6  | 325.6  | 317.9  | 317.9  | 313.3  | 310.2  | 307.1  | 310.2  | 310.2  |
| 60°   | 308.7  | 297.9  | 291.8  | 282.6  | 276.4  | 270.3  | 262.6  | 261.1  | 258.0  | 256.5  | 254.9  |
| 62.5° | 268.8  | 259.5  | 244.2  | 230.4  | 221.1  | 215.0  | 211.9  | 210.4  | 210.4  | 208.9  | 208.9  |
| 65°   | 224.2  | 202.7  | 195.0  | 190.4  | 188.9  | 187.4  | 184.3  | 182.8  | 184.3  | 182.8  | 184.3  |
| 67.5° | 175.1  | 172.0  | 167.4  | 164.3  | 162.8  | 161.3  | 161.3  | 159.7  | 159.7  | 159.7  | 159.7  |
| 70°   | 152.0  | 144.4  | 142.8  | 139.8  | 139.8  | 138.2  | 138.2  | 138.2  | 138.2  | 136.7  | 139.8  |
| 72.5° | 125.9  | 121.3  | 119.8  | 118.3  | 118.3  | 118.3  | 116.7  | 116.7  | 116.7  | 115.2  | 116.7  |
| 75°   | 102.9  | 101.4  | 98.3   | 98.3   | 96.8   | 98.3   | 96.8   | 96.8   | 95.2   | 96.8   | 96.8   |
| 77.5° | 82.9   | 81.4   | 79.9   | 79.9   | 78.3   | 78.3   | 78.3   | 78.3   | 78.3   | 78.3   | 79.9   |
| 80°   | 63.0   | 61.4   | 59.9   | 61.4   | 59.9   | 61.4   | 59.9   | 59.9   | 61.4   | 59.9   | 59.9   |
| 82.5° | 46.1   | 44.5   | 44.5   | 43.0   | 43.0   | 43.0   | 43.0   | 43.0   | 43.0   | 43.0   | 43.0   |
| 85°   | 27.6   | 26.1   | 26.1   | 27.6   | 26.1   | 27.6   | 26.1   | 26.1   | 26.1   | 27.6   | 27.6   |
| 87.5° | 12.3   | 13.8   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 13.8   |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2329.7 | 2318.9 | 2315.9 | 2318.9 | 2315.9 | 2317.4 | 2306.7 | 2266.7 | 2277.5 | 2260.6 | 2269.8 |
| 5°    | 2461.8 | 2452.6 | 2432.6 | 2429.5 | 2426.4 | 2423.4 | 2408.0 | 2372.7 | 2358.9 | 2335.8 | 2334.3 |
| 7.5°  | 2587.7 | 2587.7 | 2572.3 | 2561.6 | 2547.8 | 2537.0 | 2517.1 | 2464.8 | 2443.3 | 2415.7 | 2400.3 |
| 10°   | 2712.1 | 2672.2 | 2689.1 | 2678.3 | 2644.5 | 2638.4 | 2601.5 | 2570.8 | 2529.3 | 2501.7 | 2477.1 |
| 12.5° | 2801.2 | 2788.9 | 2773.5 | 2764.3 | 2755.1 | 2735.1 | 2710.6 | 2632.2 | 2610.7 | 2555.4 | 2527.8 |
| 15°   | 2798.1 | 2790.4 | 2795.0 | 2795.0 | 2792.0 | 2787.3 | 2767.4 | 2710.6 | 2673.7 | 2619.9 | 2572.3 |
| 17.5° | 2647.6 | 2667.6 | 2687.5 | 2701.3 | 2732.1 | 2745.9 | 2764.3 | 2730.5 | 2707.5 | 2661.4 | 2610.7 |
| 20°   | 2385.0 | 2434.1 | 2492.5 | 2504.8 | 2532.4 | 2613.8 | 2650.7 | 2679.8 | 2689.1 | 2673.7 | 2632.2 |
| 22.5° | 2019.5 | 2060.9 | 2202.2 | 2199.2 | 2239.1 | 2335.8 | 2443.3 | 2530.9 | 2600.0 | 2638.4 | 2623.0 |
| 25°   | 1581.8 | 1640.2 | 1715.4 | 1772.2 | 1902.8 | 2047.1 | 2180.7 | 2320.5 | 2440.3 | 2546.2 | 2572.3 |
| 27.5° | 1196.3 | 1273.1 | 1333.0 | 1408.3 | 1474.3 | 1644.8 | 1816.8 | 2034.8 | 2174.6 | 2375.8 | 2480.2 |
| 30°   | 967.5  | 1002.8 | 1062.7 | 1098.0 | 1130.3 | 1260.8 | 1455.9 | 1670.9 | 1916.6 | 2148.5 | 2328.2 |
| 32.5° | 826.2  | 850.8  | 895.3  | 910.7  | 944.5  | 1032.0 | 1154.9 | 1351.4 | 1604.8 | 1885.9 | 2122.4 |
| 35°   | 741.8  | 767.9  | 777.1  | 790.9  | 818.5  | 873.8  | 958.3  | 1101.1 | 1329.9 | 1604.8 | 1887.4 |
| 37.5° | 669.6  | 683.4  | 709.5  | 718.7  | 727.9  | 769.4  | 826.2  | 926.0  | 1078.1 | 1303.8 | 1617.1 |
| 40°   | 618.9  | 626.6  | 640.4  | 648.1  | 654.2  | 683.4  | 734.1  | 801.6  | 913.8  | 1085.8 | 1374.5 |
| 42.5° | 565.1  | 574.4  | 583.6  | 592.8  | 600.5  | 623.5  | 654.2  | 718.7  | 794.0  | 924.5  | 1133.4 |
| 45°   | 512.9  | 519.1  | 529.8  | 536.0  | 546.7  | 565.1  | 592.8  | 637.3  | 704.9  | 787.8  | 956.8  |
| 47.5° | 465.3  | 473.0  | 477.6  | 485.3  | 493.0  | 512.9  | 539.0  | 568.2  | 623.5  | 704.9  | 827.8  |
| 50°   | 422.3  | 431.5  | 437.7  | 439.2  | 445.4  | 463.8  | 485.3  | 517.5  | 552.9  | 615.8  | 723.3  |
| 52.5° | 391.6  | 393.1  | 397.8  | 403.9  | 402.4  | 413.1  | 433.1  | 457.6  | 494.5  | 545.2  | 623.5  |
| 55°   | 356.3  | 360.9  | 364.0  | 365.5  | 365.5  | 374.7  | 385.5  | 408.5  | 437.7  | 479.1  | 545.2  |
| 57.5° | 311.8  | 316.4  | 325.6  | 328.6  | 333.3  | 337.9  | 342.5  | 357.8  | 382.4  | 422.3  | 476.1  |
| 60°   | 265.7  | 268.8  | 278.0  | 284.1  | 287.2  | 299.5  | 305.6  | 317.9  | 331.7  | 360.9  | 411.6  |
| 62.5° | 213.5  | 216.5  | 221.1  | 227.3  | 233.4  | 251.9  | 267.2  | 279.5  | 290.3  | 310.2  | 351.7  |
| 65°   | 185.8  | 187.4  | 190.4  | 192.0  | 193.5  | 201.2  | 215.0  | 231.9  | 251.9  | 267.2  | 291.8  |
| 67.5° | 161.3  | 162.8  | 164.3  | 167.4  | 168.9  | 170.5  | 176.6  | 181.2  | 201.2  | 222.7  | 241.1  |
| 70°   | 138.2  | 141.3  | 142.8  | 142.8  | 144.4  | 147.4  | 150.5  | 156.6  | 162.8  | 173.5  | 196.6  |
| 72.5° | 116.7  | 118.3  | 121.3  | 121.3  | 121.3  | 124.4  | 127.5  | 130.5  | 133.6  | 139.8  | 149.0  |
| 75°   | 96.8   | 99.8   | 99.8   | 99.8   | 101.4  | 101.4  | 104.4  | 107.5  | 110.6  | 115.2  | 118.3  |
| 77.5° | 79.9   | 79.9   | 79.9   | 79.9   | 81.4   | 81.4   | 82.9   | 86.0   | 87.5   | 89.1   | 92.1   |
| 80°   | 59.9   | 61.4   | 61.4   | 61.4   | 63.0   | 63.0   | 63.0   | 66.0   | 67.6   | 67.6   | 70.6   |
| 82.5° | 44.5   | 44.5   | 44.5   | 46.1   | 44.5   | 46.1   | 46.1   | 47.6   | 46.1   | 47.6   | 49.1   |
| 85°   | 27.6   | 27.6   | 27.6   | 29.2   | 29.2   | 29.2   | 29.2   | 29.2   | 29.2   | 29.2   | 30.7   |
| 87.5° | 13.8   | 13.8   | 13.8   | 13.8   | 13.8   | 13.8   | 13.8   | 13.8   | 15.4   | 13.8   | 13.8   |
| 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):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2256.0 | 2248.3 | 2248.3 | 2243.7 | 2243.7 | 2219.1 | 2219.1 | 2226.8 | 2217.6 | 2206.8 | 2191.5 |
| 5°    | 2314.3 | 2297.4 | 2292.8 | 2286.7 | 2266.7 | 2236.0 | 2223.7 | 2219.1 | 2200.7 | 2177.7 | 2151.6 |
| 7.5°  | 2369.6 | 2342.0 | 2328.2 | 2314.3 | 2288.2 | 2245.2 | 2220.7 | 2203.8 | 2176.1 | 2140.8 | 2107.0 |
| 10°   | 2423.4 | 2388.1 | 2352.7 | 2335.8 | 2299.0 | 2245.2 | 2209.9 | 2182.3 | 2142.3 | 2094.7 | 2047.1 |
| 12.5° | 2472.5 | 2398.8 | 2392.7 | 2358.9 | 2305.1 | 2243.7 | 2189.9 | 2150.0 | 2099.3 | 2044.1 | 1988.8 |
| 15°   | 2515.5 | 2440.3 | 2403.4 | 2372.7 | 2302.1 | 2225.3 | 2168.4 | 2119.3 | 2051.7 | 1988.8 | 1921.2 |
| 17.5° | 2537.0 | 2455.6 | 2431.1 | 2380.4 | 2308.2 | 2208.4 | 2131.6 | 2071.7 | 1998.0 | 1922.7 | 1845.9 |
| 20°   | 2558.5 | 2463.3 | 2423.4 | 2388.1 | 2289.8 | 2176.1 | 2090.1 | 2021.0 | 1939.6 | 1850.6 | 1766.1 |
| 22.5° | 2569.3 | 2463.3 | 2415.7 | 2366.6 | 2271.3 | 2140.8 | 2039.4 | 1958.1 | 1862.8 | 1772.2 | 1670.9 |
| 25°   | 2550.8 | 2454.1 | 2397.3 | 2346.6 | 2239.1 | 2097.8 | 1981.1 | 1888.9 | 1787.6 | 1684.7 | 1581.8 |
| 27.5° | 2504.8 | 2432.6 | 2366.6 | 2314.3 | 2194.6 | 2042.5 | 1919.7 | 1815.2 | 1710.8 | 1595.6 | 1491.2 |
| 30°   | 2418.8 | 2386.5 | 2334.3 | 2275.9 | 2145.4 | 1993.4 | 1847.5 | 1740.0 | 1624.8 | 1509.6 | 1400.6 |
| 32.5° | 2285.2 | 2312.8 | 2279.0 | 2228.3 | 2087.1 | 1925.8 | 1770.7 | 1661.7 | 1535.7 | 1411.3 | 1311.5 |
| 35°   | 2122.4 | 2220.7 | 2202.2 | 2166.9 | 2025.6 | 1853.6 | 1698.5 | 1566.4 | 1440.5 | 1314.6 | 1214.8 |
| 37.5° | 1944.2 | 2093.2 | 2108.6 | 2087.1 | 1955.0 | 1779.9 | 1609.4 | 1480.4 | 1351.4 | 1224.0 | 1122.6 |
| 40°   | 1700.0 | 1928.9 | 1978.0 | 1987.2 | 1881.3 | 1690.8 | 1512.7 | 1386.8 | 1259.3 | 1134.9 | 1012.0 |
| 42.5° | 1475.8 | 1764.5 | 1826.0 | 1864.4 | 1787.6 | 1603.3 | 1423.6 | 1283.9 | 1157.9 | 1045.8 | 923.0  |
| 45°   | 1265.4 | 1566.4 | 1666.3 | 1715.4 | 1681.6 | 1503.5 | 1317.7 | 1187.1 | 1071.9 | 969.0  | 850.8  |
| 47.5° | 1048.9 | 1351.4 | 1491.2 | 1569.5 | 1569.5 | 1402.1 | 1216.3 | 1087.3 | 976.7  | 889.2  | 784.8  |
| 50°   | 904.5  | 1156.4 | 1300.8 | 1403.7 | 1431.3 | 1299.2 | 1124.2 | 998.2  | 893.8  | 798.6  | 718.7  |
| 52.5° | 770.9  | 996.7  | 1116.5 | 1224.0 | 1303.8 | 1188.7 | 1021.3 | 907.6  | 804.7  | 715.6  | 652.7  |
| 55°   | 666.5  | 835.4  | 944.5  | 1062.7 | 1151.8 | 1076.5 | 921.4  | 810.9  | 721.8  | 648.1  | 594.3  |
| 57.5° | 566.7  | 714.1  | 803.2  | 907.6  | 1002.8 | 946.0  | 821.6  | 726.4  | 648.1  | 583.6  | 536.0  |
| 60°   | 482.2  | 602.0  | 671.1  | 752.5  | 870.8  | 830.8  | 727.9  | 640.4  | 577.4  | 519.1  | 479.1  |
| 62.5° | 410.0  | 505.3  | 563.6  | 622.0  | 729.5  | 711.0  | 631.2  | 563.6  | 509.9  | 460.7  | 426.9  |
| 65°   | 336.3  | 414.6  | 460.7  | 511.4  | 597.4  | 605.1  | 540.6  | 493.0  | 443.8  | 400.8  | 370.1  |
| 67.5° | 271.8  | 333.3  | 374.7  | 417.7  | 486.8  | 508.3  | 463.8  | 423.9  | 382.4  | 347.1  | 319.4  |
| 70°   | 219.6  | 262.6  | 293.3  | 327.1  | 383.9  | 410.0  | 387.0  | 359.4  | 325.6  | 296.4  | 271.8  |
| 72.5° | 173.5  | 201.2  | 219.6  | 245.7  | 291.8  | 317.9  | 316.4  | 291.8  | 267.2  | 247.3  | 227.3  |
| 75°   | 127.5  | 149.0  | 164.3  | 181.2  | 218.1  | 242.6  | 248.8  | 238.0  | 213.5  | 198.1  | 182.8  |
| 77.5° | 96.8   | 109.0  | 116.7  | 129.0  | 155.1  | 176.6  | 185.8  | 182.8  | 165.9  | 153.6  | 142.8  |
| 80°   | 73.7   | 76.8   | 79.9   | 84.5   | 106.0  | 125.9  | 132.1  | 130.5  | 121.3  | 116.7  | 104.4  |
| 82.5° | 52.2   | 53.8   | 55.3   | 56.8   | 64.5   | 81.4   | 87.5   | 90.6   | 82.9   | 78.3   | 67.6   |
| 85°   | 30.7   | 32.3   | 32.3   | 35.3   | 36.9   | 41.5   | 52.2   | 52.2   | 50.7   | 44.5   | 43.0   |
| 87.5° | 15.4   | 15.4   | 13.8   | 13.8   | 15.4   | 16.9   | 20.0   | 23.0   | 20.0   | 18.4   | 16.9   |
| 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):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2185.3 | 2186.9 | 2191.5 | 2177.7 | 2156.2 | 2146.9 | 2119.3 | 2114.7 | 2110.1 | 2110.1 | 2114.7 |
| 5°    | 2136.2 | 2130.1 | 2131.6 | 2105.5 | 2074.8 | 2056.3 | 2017.9 | 2024.1 | 2004.1 | 1991.8 | 1994.9 |
| 7.5°  | 2082.4 | 2065.6 | 2064.0 | 2030.2 | 1991.8 | 1958.1 | 1918.1 | 1908.9 | 1890.5 | 1869.0 | 1859.8 |
| 10°   | 2014.9 | 2002.6 | 1979.6 | 1941.2 | 1892.0 | 1864.4 | 1810.6 | 1778.4 | 1773.8 | 1741.5 | 1729.2 |
| 12.5° | 1945.8 | 1924.3 | 1901.2 | 1847.5 | 1792.2 | 1747.7 | 1707.7 | 1672.4 | 1647.8 | 1620.2 | 1601.8 |
| 15°   | 1865.9 | 1839.8 | 1813.7 | 1756.9 | 1692.4 | 1647.8 | 1587.9 | 1535.7 | 1463.5 | 1406.7 | 1374.5 |
| 17.5° | 1778.4 | 1749.2 | 1713.9 | 1650.9 | 1587.9 | 1526.5 | 1415.9 | 1354.5 | 1303.8 | 1270.0 | 1250.1 |
| 20°   | 1687.8 | 1655.5 | 1620.2 | 1557.2 | 1448.2 | 1340.7 | 1279.3 | 1231.7 | 1200.9 | 1167.2 | 1142.6 |
| 22.5° | 1592.5 | 1558.8 | 1520.4 | 1422.1 | 1306.9 | 1231.7 | 1184.0 | 1139.5 | 1095.0 | 1076.5 | 1064.3 |
| 25°   | 1503.5 | 1472.8 | 1423.6 | 1290.0 | 1199.4 | 1130.3 | 1076.5 | 1047.4 | 1024.3 | 999.8  | 976.7  |
| 27.5° | 1411.3 | 1354.5 | 1285.4 | 1173.3 | 1116.5 | 1045.8 | 1007.4 | 985.9  | 946.0  | 929.1  | 918.4  |
| 30°   | 1300.8 | 1237.8 | 1171.8 | 1091.9 | 1025.9 | 976.7  | 941.4  | 906.1  | 883.0  | 866.1  | 847.7  |
| 32.5° | 1188.7 | 1128.8 | 1087.3 | 1004.4 | 955.2  | 904.5  | 870.8  | 849.3  | 815.5  | 804.7  | 797.0  |
| 35°   | 1091.9 | 1041.2 | 1004.4 | 936.8  | 890.7  | 844.6  | 820.1  | 787.8  | 766.3  | 746.4  | 734.1  |
| 37.5° | 996.7  | 969.0  | 930.7  | 873.8  | 824.7  | 787.8  | 754.0  | 743.3  | 714.1  | 703.4  | 691.1  |
| 40°   | 930.7  | 889.2  | 856.9  | 807.8  | 766.3  | 726.4  | 704.9  | 680.3  | 660.4  | 643.5  | 638.9  |
| 42.5° | 850.8  | 820.1  | 801.6  | 747.9  | 704.9  | 681.9  | 655.8  | 628.1  | 612.8  | 598.9  | 582.0  |
| 45°   | 790.9  | 763.3  | 737.1  | 694.1  | 655.8  | 626.6  | 603.5  | 585.1  | 559.0  | 552.9  | 526.8  |
| 47.5° | 727.9  | 700.3  | 680.3  | 637.3  | 602.0  | 574.4  | 557.5  | 532.9  | 511.4  | 497.6  | 485.3  |
| 50°   | 665.0  | 641.9  | 623.5  | 586.6  | 555.9  | 526.8  | 503.7  | 479.1  | 469.9  | 446.9  | 439.2  |
| 52.5° | 605.1  | 589.7  | 569.8  | 534.4  | 503.7  | 479.1  | 454.6  | 434.6  | 420.8  | 408.5  | 399.3  |
| 55°   | 554.4  | 529.8  | 520.6  | 482.2  | 456.1  | 430.0  | 408.5  | 396.2  | 379.3  | 371.6  | 364.0  |
| 57.5° | 497.6  | 483.8  | 468.4  | 439.2  | 410.0  | 385.5  | 370.1  | 351.7  | 342.5  | 333.3  | 327.1  |
| 60°   | 448.4  | 428.5  | 416.2  | 391.6  | 365.5  | 342.5  | 328.6  | 314.8  | 302.5  | 294.9  | 282.6  |
| 62.5° | 391.6  | 376.3  | 368.6  | 342.5  | 321.0  | 299.5  | 287.2  | 273.4  | 264.1  | 250.3  | 235.0  |
| 65°   | 342.5  | 330.2  | 321.0  | 299.5  | 279.5  | 259.5  | 247.3  | 230.4  | 218.1  | 210.4  | 208.9  |
| 67.5° | 299.5  | 290.3  | 276.4  | 256.5  | 236.5  | 221.1  | 207.3  | 193.5  | 192.0  | 188.9  | 188.9  |
| 70°   | 251.9  | 242.6  | 235.0  | 213.5  | 196.6  | 179.7  | 176.6  | 172.0  | 167.4  | 165.9  | 162.8  |
| 72.5° | 210.4  | 202.7  | 193.5  | 175.1  | 158.2  | 153.6  | 150.5  | 147.4  | 142.8  | 141.3  | 139.8  |
| 75°   | 170.5  | 159.7  | 153.6  | 136.7  | 132.1  | 129.0  | 125.9  | 121.3  | 118.3  | 116.7  | 113.6  |
| 77.5° | 130.5  | 119.8  | 119.8  | 110.6  | 107.5  | 102.9  | 99.8   | 96.8   | 95.2   | 92.1   | 92.1   |
| 80°   | 92.1   | 92.1   | 89.1   | 84.5   | 79.9   | 78.3   | 73.7   | 72.2   | 70.6   | 72.2   | 69.1   |
| 82.5° | 67.6   | 61.4   | 61.4   | 58.4   | 55.3   | 53.8   | 50.7   | 50.7   | 49.1   | 49.1   | 49.1   |
| 85°   | 38.4   | 38.4   | 36.9   | 33.8   | 32.3   | 32.3   | 30.7   | 30.7   | 29.2   | 29.2   | 27.6   |
| 87.5° | 15.4   | 13.8   | 15.4   | 13.8   | 13.8   | 12.3   | 12.3   | 12.3   | 10.8   | 12.3   | 10.8   |
| 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):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2114.7 | 2111.6 | 2102.4 | 2105.5 | 2100.9 | 2100.9 | 2097.8 | 2097.8 | 2097.8 | 2105.5 | 2100.9 |
| 5°    | 1999.5 | 1988.8 | 1978.0 | 1973.4 | 1968.8 | 1964.2 | 1964.2 | 1962.7 | 1976.5 | 1973.4 | 1985.7 |
| 7.5°  | 1856.7 | 1853.6 | 1832.1 | 1832.1 | 1824.4 | 1821.4 | 1829.1 | 1830.6 | 1832.1 | 1835.2 | 1842.9 |
| 10°   | 1729.2 | 1721.5 | 1690.8 | 1693.9 | 1689.3 | 1683.2 | 1687.8 | 1684.7 | 1695.4 | 1698.5 | 1695.4 |
| 12.5° | 1578.7 | 1564.9 | 1531.1 | 1514.2 | 1495.8 | 1482.0 | 1498.9 | 1486.6 | 1529.6 | 1541.9 | 1575.7 |
| 15°   | 1379.1 | 1353.0 | 1329.9 | 1329.9 | 1313.0 | 1300.8 | 1308.4 | 1322.3 | 1331.5 | 1345.3 | 1351.4 |
| 17.5° | 1245.5 | 1234.7 | 1216.3 | 1205.5 | 1200.9 | 1196.3 | 1196.3 | 1202.5 | 1222.4 | 1220.9 | 1233.2 |
| 20°   | 1131.8 | 1125.7 | 1116.5 | 1102.7 | 1098.0 | 1095.0 | 1095.0 | 1095.0 | 1108.8 | 1121.1 | 1128.8 |
| 22.5° | 1053.5 | 1048.9 | 1042.8 | 1024.3 | 1015.1 | 1012.0 | 1019.7 | 1024.3 | 1035.1 | 1044.3 | 1052.0 |
| 25°   | 975.2  | 964.4  | 953.7  | 947.5  | 942.9  | 942.9  | 946.0  | 947.5  | 952.2  | 956.8  | 966.0  |
| 27.5° | 910.7  | 903.0  | 887.7  | 870.8  | 870.8  | 866.1  | 869.2  | 872.3  | 883.0  | 898.4  | 906.1  |
| 30°   | 838.5  | 837.0  | 830.8  | 824.7  | 818.5  | 815.5  | 821.6  | 826.2  | 827.8  | 835.4  | 835.4  |
| 32.5° | 786.3  | 775.5  | 764.8  | 758.6  | 755.6  | 754.0  | 755.6  | 761.7  | 761.7  | 770.9  | 781.7  |
| 35°   | 734.1  | 727.9  | 717.2  | 706.4  | 703.4  | 695.7  | 701.8  | 708.0  | 718.7  | 723.3  | 727.9  |
| 37.5° | 677.3  | 669.6  | 665.0  | 661.9  | 655.8  | 657.3  | 652.7  | 661.9  | 671.1  | 669.6  | 672.6  |
| 40°   | 634.3  | 620.4  | 606.6  | 605.1  | 603.5  | 602.0  | 602.0  | 603.5  | 609.7  | 615.8  | 625.0  |
| 42.5° | 579.0  | 574.4  | 562.1  | 549.8  | 546.7  | 543.6  | 540.6  | 546.7  | 559.0  | 569.8  | 574.4  |
| 45°   | 522.1  | 516.0  | 512.9  | 503.7  | 497.6  | 496.0  | 493.0  | 500.6  | 511.4  | 516.0  | 519.1  |
| 47.5° | 469.9  | 468.4  | 459.2  | 460.7  | 456.1  | 457.6  | 456.1  | 460.7  | 460.7  | 465.3  | 468.4  |
| 50°   | 434.6  | 430.0  | 425.4  | 422.3  | 417.7  | 417.7  | 416.2  | 417.7  | 423.9  | 430.0  | 428.5  |
| 52.5° | 399.3  | 391.6  | 390.1  | 388.5  | 385.5  | 388.5  | 383.9  | 385.5  | 391.6  | 394.7  | 393.1  |
| 55°   | 357.8  | 356.3  | 353.2  | 350.1  | 348.6  | 347.1  | 347.1  | 347.1  | 353.2  | 357.8  | 359.4  |
| 57.5° | 325.6  | 317.9  | 311.8  | 311.8  | 305.6  | 304.1  | 307.1  | 308.7  | 313.3  | 316.4  | 319.4  |
| 60°   | 281.0  | 278.0  | 268.8  | 264.1  | 254.9  | 253.4  | 253.4  | 259.5  | 267.2  | 278.0  | 281.0  |
| 62.5° | 233.4  | 228.8  | 227.3  | 227.3  | 227.3  | 227.3  | 227.3  | 227.3  | 227.3  | 228.8  | 228.8  |
| 65°   | 207.3  | 208.9  | 207.3  | 205.8  | 207.3  | 207.3  | 205.8  | 205.8  | 205.8  | 207.3  | 208.9  |
| 67.5° | 185.8  | 184.3  | 185.8  | 184.3  | 182.8  | 182.8  | 181.2  | 182.8  | 184.3  | 185.8  | 185.8  |
| 70°   | 161.3  | 161.3  | 159.7  | 161.3  | 159.7  | 158.2  | 156.6  | 156.6  | 159.7  | 161.3  | 161.3  |
| 72.5° | 138.2  | 138.2  | 136.7  | 136.7  | 133.6  | 133.6  | 135.1  | 133.6  | 133.6  | 138.2  | 138.2  |
| 75°   | 115.2  | 113.6  | 112.1  | 112.1  | 110.6  | 110.6  | 110.6  | 109.0  | 112.1  | 112.1  | 113.6  |
| 77.5° | 90.6   | 90.6   | 90.6   | 89.1   | 89.1   | 87.5   | 87.5   | 89.1   | 89.1   | 89.1   | 90.6   |
| 80°   | 69.1   | 69.1   | 69.1   | 67.6   | 66.0   | 66.0   | 66.0   | 66.0   | 66.0   | 67.6   | 66.0   |
| 82.5° | 47.6   | 47.6   | 47.6   | 47.6   | 47.6   | 46.1   | 46.1   | 46.1   | 47.6   | 47.6   | 46.1   |
| 85°   | 29.2   | 27.6   | 29.2   | 29.2   | 27.6   | 29.2   | 27.6   | 27.6   | 26.1   | 26.1   | 27.6   |
| 87.5° | 12.3   | 10.8   | 9.2    | 9.2    | 10.8   | 9.2    | 9.2    | 9.2    | 10.8   | 9.2    | 9.2    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037113

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**CANDELA DISTRIBUTION (continued):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2105.5 | 2113.2 | 2110.1 | 2093.2 | 2110.1 | 2114.7 | 2123.9 | 2133.1 | 2139.3 | 2148.5 | 2156.2 |
| 5°    | 1973.4 | 1988.8 | 1998.0 | 1988.8 | 2019.5 | 2024.1 | 2045.6 | 2057.9 | 2076.3 | 2091.7 | 2103.9 |
| 7.5°  | 1849.0 | 1861.3 | 1879.7 | 1882.8 | 1901.2 | 1922.7 | 1953.4 | 1984.2 | 2013.3 | 2028.7 | 2042.5 |
| 10°   | 1715.4 | 1736.9 | 1764.5 | 1758.4 | 1786.1 | 1819.8 | 1852.1 | 1901.2 | 1925.8 | 1953.4 | 1978.0 |
| 12.5° | 1581.8 | 1595.6 | 1632.5 | 1644.8 | 1684.7 | 1710.8 | 1755.3 | 1786.1 | 1847.5 | 1879.7 | 1901.2 |
| 15°   | 1348.4 | 1405.2 | 1451.3 | 1506.5 | 1558.8 | 1607.9 | 1647.8 | 1703.1 | 1756.9 | 1781.4 | 1816.8 |
| 17.5° | 1242.4 | 1268.5 | 1296.2 | 1323.8 | 1391.4 | 1478.9 | 1549.5 | 1609.4 | 1655.5 | 1687.8 | 1729.2 |
| 20°   | 1131.8 | 1157.9 | 1188.7 | 1214.8 | 1256.2 | 1319.2 | 1406.7 | 1509.6 | 1564.9 | 1598.7 | 1638.6 |
| 22.5° | 1053.5 | 1078.1 | 1098.0 | 1121.1 | 1153.3 | 1199.4 | 1265.4 | 1392.9 | 1466.6 | 1508.1 | 1543.4 |
| 25°   | 969.0  | 999.8  | 1021.3 | 1038.2 | 1064.3 | 1114.9 | 1168.7 | 1240.9 | 1372.9 | 1405.2 | 1454.3 |
| 27.5° | 910.7  | 919.9  | 944.5  | 970.6  | 996.7  | 1024.3 | 1079.6 | 1141.0 | 1230.1 | 1300.8 | 1360.7 |
| 30°   | 841.6  | 864.6  | 887.7  | 898.4  | 921.4  | 961.4  | 995.2  | 1061.2 | 1130.3 | 1185.6 | 1257.8 |
| 32.5° | 789.4  | 803.2  | 818.5  | 844.6  | 866.1  | 893.8  | 927.6  | 982.9  | 1041.2 | 1076.5 | 1131.8 |
| 35°   | 731.0  | 740.2  | 772.5  | 783.2  | 804.7  | 832.4  | 866.1  | 909.2  | 972.1  | 999.8  | 1039.7 |
| 37.5° | 675.7  | 697.2  | 706.4  | 731.0  | 751.0  | 778.6  | 803.2  | 852.3  | 893.8  | 926.0  | 962.9  |
| 40°   | 632.7  | 641.9  | 658.8  | 680.3  | 697.2  | 718.7  | 749.4  | 784.8  | 829.3  | 855.4  | 887.7  |
| 42.5° | 580.5  | 588.2  | 609.7  | 622.0  | 649.6  | 669.6  | 688.0  | 731.0  | 770.9  | 790.9  | 823.1  |
| 45°   | 523.7  | 542.1  | 555.9  | 580.5  | 595.9  | 620.4  | 643.5  | 674.2  | 711.0  | 734.1  | 752.5  |
| 47.5° | 474.5  | 493.0  | 506.8  | 529.8  | 554.4  | 565.1  | 589.7  | 622.0  | 655.8  | 674.2  | 700.3  |
| 50°   | 434.6  | 440.8  | 466.9  | 477.6  | 503.7  | 525.2  | 542.1  | 569.8  | 606.6  | 617.4  | 638.9  |
| 52.5° | 396.2  | 400.8  | 417.7  | 431.5  | 454.6  | 473.0  | 494.5  | 520.6  | 551.3  | 568.2  | 585.1  |
| 55°   | 362.4  | 365.5  | 373.2  | 388.5  | 403.9  | 426.9  | 446.9  | 471.5  | 497.6  | 516.0  | 531.4  |
| 57.5° | 324.0  | 330.2  | 336.3  | 345.5  | 360.9  | 382.4  | 403.9  | 426.9  | 448.4  | 460.7  | 480.7  |
| 60°   | 279.5  | 288.7  | 299.5  | 310.2  | 321.0  | 336.3  | 360.9  | 382.4  | 402.4  | 413.1  | 428.5  |
| 62.5° | 231.9  | 250.3  | 259.5  | 271.8  | 281.0  | 294.9  | 313.3  | 337.9  | 351.7  | 365.5  | 377.8  |
| 65°   | 208.9  | 210.4  | 211.9  | 224.2  | 241.1  | 254.9  | 271.8  | 290.3  | 311.8  | 321.0  | 330.2  |
| 67.5° | 185.8  | 187.4  | 190.4  | 192.0  | 198.1  | 213.5  | 231.9  | 251.9  | 268.8  | 274.9  | 284.1  |
| 70°   | 162.8  | 162.8  | 168.9  | 170.5  | 172.0  | 173.5  | 188.9  | 208.9  | 224.2  | 231.9  | 242.6  |
| 72.5° | 138.2  | 139.8  | 142.8  | 144.4  | 147.4  | 150.5  | 155.1  | 165.9  | 184.3  | 192.0  | 204.3  |
| 75°   | 113.6  | 115.2  | 116.7  | 118.3  | 122.9  | 124.4  | 129.0  | 135.1  | 142.8  | 152.0  | 159.7  |
| 77.5° | 90.6   | 90.6   | 92.1   | 95.2   | 98.3   | 99.8   | 104.4  | 107.5  | 110.6  | 115.2  | 121.3  |
| 80°   | 67.6   | 69.1   | 69.1   | 72.2   | 72.2   | 73.7   | 75.3   | 79.9   | 82.9   | 86.0   | 89.1   |
| 82.5° | 46.1   | 49.1   | 49.1   | 49.1   | 50.7   | 52.2   | 53.8   | 53.8   | 56.8   | 58.4   | 63.0   |
| 85°   | 27.6   | 29.2   | 29.2   | 29.2   | 27.6   | 30.7   | 30.7   | 32.3   | 32.3   | 32.3   | 33.8   |
| 87.5° | 10.8   | 9.2    | 10.8   | 10.8   | 10.8   | 12.3   | 10.8   | 10.8   | 12.3   | 13.8   | 13.8   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

TEST NUMBER: P1037113

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**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 2209.9 | 2209.9 | 2209.9 | 2209.9 |
| 2.5°  | 2170.0 | 2165.4 | 2193.0 | 2223.7 |
| 5°    | 2125.4 | 2133.1 | 2168.4 | 2211.4 |
| 7.5°  | 2079.4 | 2096.3 | 2137.7 | 2194.6 |
| 10°   | 2014.9 | 2045.6 | 2108.6 | 2166.9 |
| 12.5° | 1951.9 | 1993.4 | 2053.3 | 2122.4 |
| 15°   | 1881.3 | 1927.3 | 2001.1 | 2084.0 |
| 17.5° | 1802.9 | 1855.2 | 1941.2 | 2031.8 |
| 20°   | 1720.0 | 1789.1 | 1879.7 | 1978.0 |
| 22.5° | 1627.9 | 1710.8 | 1804.5 | 1913.5 |
| 25°   | 1538.8 | 1629.4 | 1723.1 | 1849.0 |
| 27.5° | 1451.3 | 1540.3 | 1644.8 | 1772.2 |
| 30°   | 1363.7 | 1445.1 | 1557.2 | 1693.9 |
| 32.5° | 1270.0 | 1354.5 | 1472.8 | 1612.5 |
| 35°   | 1184.0 | 1268.5 | 1379.1 | 1517.3 |
| 37.5° | 1091.9 | 1182.5 | 1288.5 | 1431.3 |
| 40°   | 984.4  | 1090.4 | 1193.3 | 1329.9 |
| 42.5° | 895.3  | 1007.4 | 1107.3 | 1236.3 |
| 45°   | 824.7  | 930.7  | 1013.6 | 1139.5 |
| 47.5° | 758.6  | 844.6  | 929.1  | 1045.8 |
| 50°   | 695.7  | 761.7  | 849.3  | 953.7  |
| 52.5° | 631.2  | 688.0  | 763.3  | 861.5  |
| 55°   | 572.8  | 626.6  | 694.1  | 769.4  |
| 57.5° | 519.1  | 557.5  | 625.0  | 692.6  |
| 60°   | 459.2  | 499.1  | 551.3  | 608.1  |
| 62.5° | 408.5  | 439.2  | 488.4  | 536.0  |
| 65°   | 354.8  | 383.9  | 420.8  | 465.3  |
| 67.5° | 305.6  | 331.7  | 360.9  | 396.2  |
| 70°   | 261.1  | 281.0  | 302.5  | 333.3  |
| 72.5° | 213.5  | 235.0  | 254.9  | 279.5  |
| 75°   | 175.1  | 184.3  | 201.2  | 218.1  |
| 77.5° | 135.1  | 147.4  | 156.6  | 170.5  |
| 80°   | 96.8   | 107.5  | 110.6  | 121.3  |
| 82.5° | 64.5   | 70.6   | 76.8   | 79.9   |
| 85°   | 36.9   | 39.9   | 46.1   | 47.6   |
| 87.5° | 13.8   | 15.4   | 18.4   | 21.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)