

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: P998762

Luminaire Tested: S124R3DR-B350DB2750-4F0-XX-W2A-A\_3000K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P998762  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124R3DR-B350DB2750-4F0-XX-W2A-A\_3000K  
Description: Define 4 3in Regressed Direct Recessed with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647  
Light Source: -  
Ballast/Driver: -

**Summary**

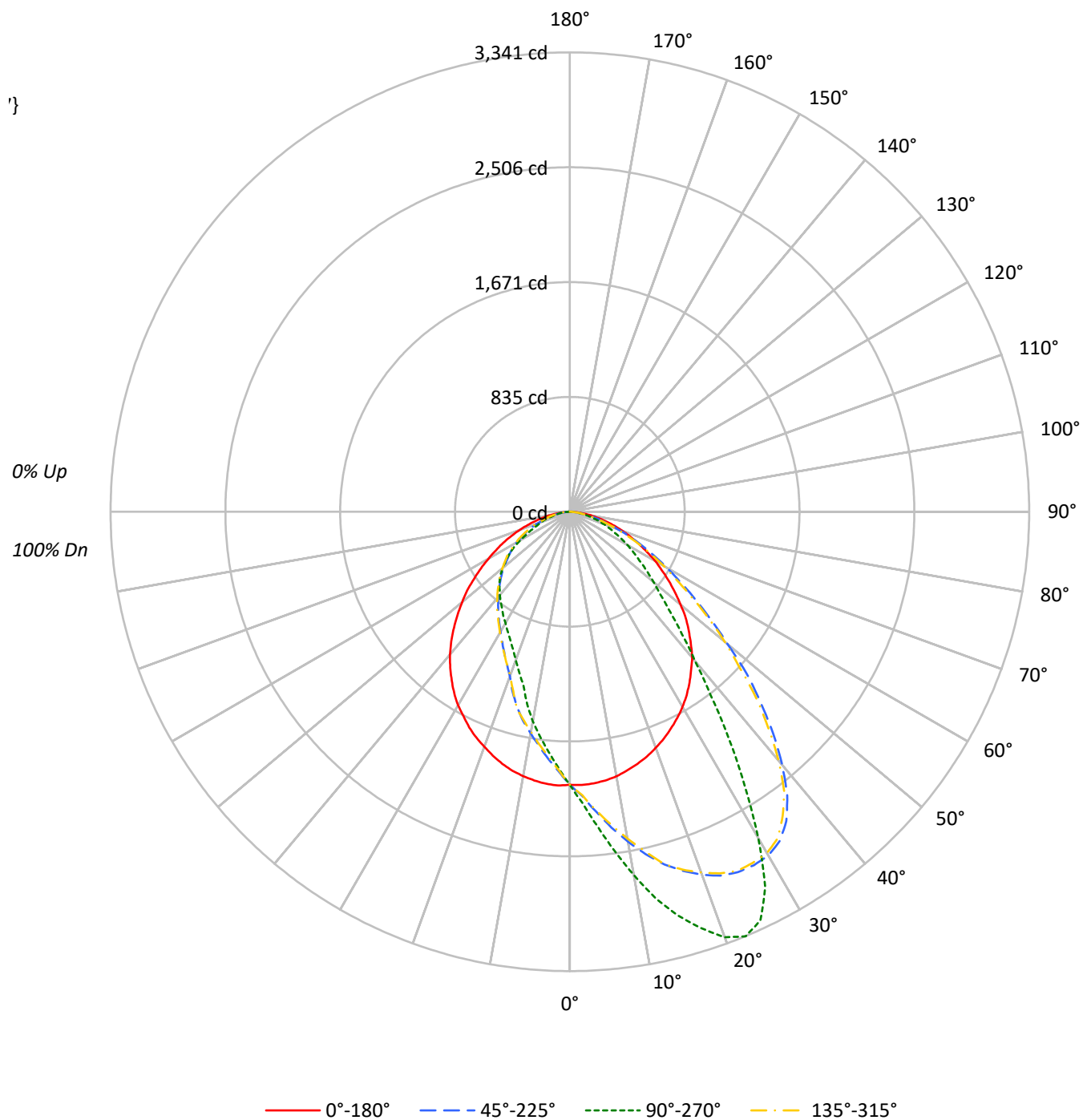
Lumens per Lamp: N/A  
Luminaire Lumens: 5020.0 lumens  
Efficiency: N/A  
Efficacy: 81.9 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular (W 0.33' x L: 4' x H: 0')  
CIE Type: Direct

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

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### Luminous Intensity Polar Plot





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### 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  | 0   |  |  |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |  |  |
| 1   | 110 | 106 | 102 | 98  | 107 | 103 | 100 | 97  | 99  | 96  | 94  | 95  | 93  | 91  | 92  | 90  | 88  | 86  |  |  |
| 2   | 101 | 93  | 87  | 82  | 98  | 92  | 86  | 81  | 88  | 83  | 79  | 85  | 81  | 77  | 82  | 79  | 76  | 74  |  |  |
| 3   | 93  | 83  | 76  | 70  | 90  | 81  | 75  | 69  | 79  | 73  | 68  | 76  | 71  | 67  | 73  | 69  | 65  | 63  |  |  |
| 4   | 85  | 74  | 66  | 60  | 83  | 73  | 65  | 59  | 71  | 64  | 59  | 68  | 63  | 58  | 66  | 61  | 57  | 55  |  |  |
| 5   | 79  | 67  | 58  | 52  | 77  | 66  | 58  | 52  | 64  | 57  | 51  | 62  | 56  | 51  | 60  | 55  | 50  | 48  |  |  |
| 6   | 73  | 61  | 52  | 46  | 71  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 55  | 49  | 45  | 43  |  |  |
| 7   | 68  | 55  | 47  | 41  | 66  | 54  | 47  | 41  | 53  | 46  | 41  | 52  | 45  | 40  | 50  | 44  | 40  | 38  |  |  |
| 8   | 64  | 51  | 42  | 37  | 62  | 50  | 42  | 37  | 49  | 42  | 37  | 47  | 41  | 36  | 46  | 40  | 36  | 34  |  |  |
| 9   | 59  | 47  | 39  | 33  | 58  | 46  | 38  | 33  | 45  | 38  | 33  | 44  | 38  | 33  | 43  | 37  | 33  | 31  |  |  |
| 10  | 56  | 43  | 35  | 30  | 55  | 43  | 35  | 30  | 42  | 35  | 30  | 41  | 34  | 30  | 40  | 34  | 30  | 28  |  |  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 16194 | 16194 | 16194 | 16194 |
| 5°  | 16230 | 18784 | 16256 | 14356 |
| 10° | 16178 | 22220 | 16165 | 12813 |
| 15° | 16021 | 25667 | 16021 | 11010 |
| 20° | 15858 | 28578 | 15775 | 9956  |
| 25° | 15650 | 29501 | 15578 | 9243  |
| 30° | 15429 | 25825 | 15309 | 8814  |
| 35° | 15101 | 20104 | 14910 | 8554  |
| 40° | 14735 | 15075 | 14445 | 8415  |
| 45° | 14099 | 11902 | 13749 | 8341  |
| 50° | 13337 | 10049 | 12972 | 8100  |
| 55° | 12512 | 8759  | 12103 | 7667  |
| 60° | 11692 | 7882  | 11170 | 6786  |
| 65° | 10653 | 6946  | 10313 | 5835  |
| 70° | 9730  | 6256  | 9270  | 5264  |
| 75° | 8721  | 5243  | 8116  | 4487  |
| 80° | 7514  | 4433  | 6837  | 4208  |
| 85° | 6138  | 3742  | 5090  | 3742  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle:  $35^\circ$

Vertical Angle:  $45^\circ$

Luminance: 24212 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 192.3  | 3.8       |
| 10°-20°   | 580.7  | 11.6      |
| 20°-30°   | 909.6  | 18.1      |
| 30°-40°   | 1010.1 | 20.1      |
| 40°-50°   | 895.1  | 17.8      |
| 50°-60°   | 697.6  | 13.9      |
| 60°-70°   | 456.3  | 9.1       |
| 70°-80°   | 223.9  | 4.5       |
| 80°-90°   | 54.5   | 1.1       |
| 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°    | 1682.6 | 33.5      |
| 0°-40°    | 2692.7 | 53.6      |
| 0°-60°    | 4285.3 | 85.4      |
| 0°-90°    | 5020.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5020.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1986 | 1986 | 1986 | 1986 | 1986 |      |
| 5°  | 1983 | 2295 | 1986 | 1754 | 1983 | 188  |
| 15° | 1898 | 3040 | 1898 | 1304 | 1898 | 535  |
| 25° | 1739 | 3279 | 1731 | 1027 | 1739 | 802  |
| 35° | 1517 | 2020 | 1498 | 859  | 1517 | 948  |
| 45° | 1223 | 1032 | 1192 | 723  | 1223 | 943  |
| 55° | 880  | 616  | 851  | 539  | 880  | 787  |
| 65° | 552  | 360  | 534  | 302  | 552  | 551  |
| 75° | 277  | 166  | 258  | 142  | 277  | 294  |
| 85° | 66   | 40   | 54   | 40   | 66   | 78   |
| 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°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 1989.1 | 2006.7 | 2016.3 | 2024.3 | 2040.3 | 2046.7 | 2059.5 | 2062.7 | 2075.5 | 2073.9 | 2069.1 |
| 5°    | 1982.7 | 2013.1 | 2035.5 | 2059.5 | 2088.3 | 2104.3 | 2121.9 | 2147.5 | 2160.3 | 2177.9 | 2189.1 |
| 7.5°  | 1971.4 | 2013.1 | 2049.9 | 2086.7 | 2133.1 | 2158.7 | 2181.1 | 2221.1 | 2254.7 | 2283.5 | 2315.5 |
| 10°   | 1953.8 | 2006.7 | 2061.1 | 2110.7 | 2174.7 | 2205.1 | 2238.7 | 2297.9 | 2344.3 | 2384.3 | 2435.5 |
| 12.5° | 1926.6 | 2000.3 | 2061.1 | 2128.3 | 2209.9 | 2251.5 | 2296.3 | 2366.7 | 2421.1 | 2486.7 | 2550.7 |
| 15°   | 1897.8 | 1979.5 | 2059.5 | 2147.5 | 2240.3 | 2288.3 | 2333.1 | 2427.5 | 2510.7 | 2585.9 | 2656.3 |
| 17.5° | 1865.8 | 1955.4 | 2043.5 | 2141.1 | 2253.1 | 2312.3 | 2365.1 | 2478.7 | 2569.9 | 2667.5 | 2737.9 |
| 20°   | 1827.4 | 1925.0 | 2025.9 | 2134.7 | 2261.1 | 2326.7 | 2385.9 | 2515.5 | 2616.3 | 2721.9 | 2810.0 |
| 22.5° | 1785.8 | 1891.4 | 2001.9 | 2120.3 | 2251.5 | 2323.5 | 2392.3 | 2531.5 | 2648.3 | 2745.9 | 2864.4 |
| 25°   | 1739.4 | 1851.4 | 1965.0 | 2089.9 | 2237.1 | 2315.5 | 2385.9 | 2523.5 | 2648.3 | 2776.4 | 2891.6 |
| 27.5° | 1691.4 | 1806.6 | 1925.0 | 2056.3 | 2206.7 | 2283.5 | 2363.5 | 2496.3 | 2641.9 | 2781.2 | 2898.0 |
| 30°   | 1638.6 | 1750.6 | 1875.4 | 2000.3 | 2160.3 | 2237.1 | 2318.7 | 2462.7 | 2621.1 | 2760.3 | 2886.8 |
| 32.5° | 1581.0 | 1696.2 | 1814.6 | 1944.2 | 2101.1 | 2184.3 | 2259.5 | 2422.7 | 2584.3 | 2721.9 | 2840.4 |
| 35°   | 1517.0 | 1625.8 | 1737.8 | 1870.6 | 2025.9 | 2101.1 | 2190.7 | 2360.3 | 2523.5 | 2669.1 | 2745.9 |
| 37.5° | 1448.2 | 1552.2 | 1656.2 | 1787.4 | 1936.2 | 2027.5 | 2115.5 | 2286.7 | 2459.5 | 2557.1 | 2597.1 |
| 40°   | 1384.2 | 1475.4 | 1566.6 | 1693.0 | 1843.4 | 1937.8 | 2027.5 | 2205.1 | 2357.1 | 2432.3 | 2401.9 |
| 42.5° | 1302.6 | 1397.0 | 1478.6 | 1595.4 | 1747.4 | 1835.4 | 1926.6 | 2110.7 | 2233.9 | 2264.3 | 2189.1 |
| 45°   | 1222.6 | 1301.0 | 1379.4 | 1493.0 | 1653.0 | 1728.2 | 1825.8 | 1997.1 | 2099.5 | 2072.3 | 1961.8 |
| 47.5° | 1144.1 | 1208.2 | 1281.8 | 1392.2 | 1536.2 | 1625.8 | 1717.0 | 1865.8 | 1937.8 | 1899.4 | 1745.8 |
| 50°   | 1051.3 | 1115.3 | 1192.2 | 1288.2 | 1427.4 | 1513.8 | 1585.8 | 1723.4 | 1777.8 | 1683.4 | 1497.8 |
| 52.5° | 963.3  | 1019.3 | 1084.9 | 1174.5 | 1307.4 | 1385.8 | 1464.2 | 1582.6 | 1600.2 | 1491.4 | 1296.2 |
| 55°   | 880.1  | 924.9  | 993.7  | 1065.7 | 1187.4 | 1270.6 | 1325.0 | 1425.8 | 1421.0 | 1285.0 | 1116.9 |
| 57.5° | 793.7  | 835.3  | 881.7  | 956.9  | 1072.1 | 1134.5 | 1193.8 | 1281.8 | 1235.4 | 1120.1 | 953.7  |
| 60°   | 716.9  | 740.9  | 787.3  | 859.3  | 956.9  | 1011.3 | 1057.7 | 1105.7 | 1065.7 | 940.9  | 812.9  |
| 62.5° | 632.1  | 659.3  | 692.9  | 750.5  | 836.9  | 888.1  | 921.7  | 942.5  | 900.9  | 804.9  | 688.1  |
| 65°   | 552.1  | 576.1  | 611.3  | 662.5  | 728.1  | 766.5  | 784.1  | 798.5  | 776.1  | 667.3  | 574.5  |
| 67.5° | 480.1  | 496.1  | 528.1  | 561.7  | 632.1  | 641.7  | 665.7  | 672.1  | 627.3  | 544.1  | 470.5  |
| 70°   | 408.1  | 424.1  | 438.5  | 478.5  | 510.5  | 528.1  | 532.9  | 532.9  | 488.1  | 433.7  | 372.8  |
| 72.5° | 340.8  | 350.4  | 364.8  | 392.0  | 409.7  | 422.5  | 428.9  | 420.9  | 379.2  | 334.4  | 289.6  |
| 75°   | 276.8  | 281.6  | 294.4  | 312.0  | 326.4  | 321.6  | 320.0  | 310.4  | 280.0  | 248.0  | 222.4  |
| 77.5° | 212.8  | 216.0  | 230.4  | 235.2  | 235.2  | 240.0  | 233.6  | 224.0  | 198.4  | 174.4  | 163.2  |
| 80°   | 160.0  | 164.8  | 166.4  | 169.6  | 166.4  | 166.4  | 161.6  | 145.6  | 132.8  | 121.6  | 113.6  |
| 82.5° | 110.4  | 113.6  | 115.2  | 110.4  | 113.6  | 108.8  | 100.8  | 89.6   | 81.6   | 80.0   | 76.8   |
| 85°   | 65.6   | 67.2   | 65.6   | 65.6   | 60.8   | 59.2   | 52.8   | 51.2   | 48.0   | 48.0   | 46.4   |
| 87.5° | 32.0   | 30.4   | 27.2   | 24.0   | 24.0   | 22.4   | 24.0   | 20.8   | 24.0   | 22.4   | 20.8   |
| 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°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 2081.9 | 2099.5 | 2101.1 | 2117.1 | 2112.3 | 2104.3 | 2118.7 | 2109.1 | 2128.3 | 2121.9 | 2129.9 |
| 5°    | 2203.5 | 2227.5 | 2248.3 | 2261.1 | 2283.5 | 2278.7 | 2302.7 | 2294.7 | 2312.3 | 2294.7 | 2317.1 |
| 7.5°  | 2345.9 | 2385.9 | 2406.7 | 2440.3 | 2449.9 | 2451.5 | 2480.3 | 2486.7 | 2497.9 | 2486.7 | 2499.5 |
| 10°   | 2485.1 | 2533.1 | 2581.1 | 2608.3 | 2625.9 | 2649.9 | 2675.5 | 2686.7 | 2694.7 | 2683.5 | 2691.5 |
| 12.5° | 2611.5 | 2686.7 | 2739.5 | 2794.0 | 2806.8 | 2827.6 | 2854.8 | 2851.6 | 2883.6 | 2877.2 | 2891.6 |
| 15°   | 2728.3 | 2811.6 | 2875.6 | 2918.8 | 2954.0 | 2971.6 | 3022.8 | 3026.0 | 3024.4 | 3040.4 | 3030.8 |
| 17.5° | 2832.4 | 2902.8 | 2994.0 | 3050.0 | 3093.2 | 3093.2 | 3122.0 | 3181.2 | 3176.4 | 3174.8 | 3184.4 |
| 20°   | 2917.2 | 2997.2 | 3082.0 | 3176.4 | 3211.6 | 3218.0 | 3258.0 | 3288.4 | 3293.2 | 3293.2 | 3293.2 |
| 22.5° | 2981.2 | 3075.6 | 3166.8 | 3234.0 | 3261.2 | 3283.6 | 3318.8 | 3338.0 | 3344.4 | 3341.2 | 3344.4 |
| 25°   | 3013.2 | 3102.8 | 3195.6 | 3256.4 | 3272.4 | 3285.2 | 3288.4 | 3299.6 | 3298.0 | 3278.8 | 3290.0 |
| 27.5° | 3019.6 | 3106.0 | 3166.8 | 3182.8 | 3174.8 | 3166.8 | 3115.6 | 3120.4 | 3106.0 | 3077.2 | 3088.4 |
| 30°   | 2990.8 | 3037.2 | 3035.6 | 2986.0 | 2971.6 | 2938.0 | 2891.6 | 2822.8 | 2766.8 | 2742.7 | 2750.7 |
| 32.5° | 2886.8 | 2886.8 | 2829.2 | 2717.1 | 2667.5 | 2606.7 | 2523.5 | 2461.1 | 2387.5 | 2371.5 | 2401.9 |
| 35°   | 2742.7 | 2661.1 | 2555.5 | 2408.3 | 2333.1 | 2288.3 | 2144.3 | 2099.5 | 2037.1 | 2019.5 | 2033.9 |
| 37.5° | 2518.7 | 2382.7 | 2229.1 | 2091.5 | 2027.5 | 1947.4 | 1821.0 | 1757.0 | 1712.2 | 1681.8 | 1696.2 |
| 40°   | 2267.5 | 2102.7 | 1942.6 | 1773.0 | 1702.6 | 1637.0 | 1542.6 | 1485.0 | 1413.0 | 1416.2 | 1421.0 |
| 42.5° | 2027.5 | 1833.8 | 1654.6 | 1497.8 | 1430.6 | 1376.2 | 1310.6 | 1240.2 | 1214.6 | 1206.6 | 1198.6 |
| 45°   | 1773.0 | 1566.6 | 1398.6 | 1281.8 | 1221.0 | 1169.7 | 1108.9 | 1068.9 | 1038.5 | 1032.1 | 1040.1 |
| 47.5° | 1533.0 | 1358.6 | 1198.6 | 1089.7 | 1040.1 | 1014.5 | 966.5  | 929.7  | 910.5  | 894.5  | 904.1  |
| 50°   | 1315.4 | 1152.1 | 1024.1 | 932.9  | 897.7  | 880.1  | 835.3  | 816.1  | 796.9  | 792.1  | 790.5  |
| 52.5° | 1136.1 | 996.9  | 886.5  | 812.9  | 785.7  | 776.1  | 742.5  | 715.3  | 699.3  | 704.1  | 707.3  |
| 55°   | 972.9  | 854.5  | 768.1  | 708.9  | 686.5  | 675.3  | 651.3  | 632.1  | 620.9  | 616.1  | 619.3  |
| 57.5° | 828.9  | 726.5  | 664.1  | 616.1  | 598.5  | 593.7  | 568.1  | 561.7  | 553.7  | 548.9  | 548.9  |
| 60°   | 697.7  | 625.7  | 568.1  | 540.9  | 521.7  | 516.9  | 497.7  | 489.7  | 488.1  | 483.3  | 480.1  |
| 62.5° | 587.3  | 528.1  | 488.1  | 459.3  | 451.3  | 449.7  | 436.9  | 427.3  | 422.5  | 419.3  | 419.3  |
| 65°   | 491.3  | 448.1  | 414.5  | 393.6  | 387.2  | 384.0  | 369.6  | 366.4  | 363.2  | 360.0  | 358.4  |
| 67.5° | 409.7  | 371.2  | 347.2  | 332.8  | 324.8  | 326.4  | 318.4  | 312.0  | 312.0  | 310.4  | 308.8  |
| 70°   | 331.2  | 307.2  | 286.4  | 278.4  | 275.2  | 272.0  | 268.8  | 264.0  | 262.4  | 262.4  | 262.4  |
| 72.5° | 260.8  | 244.8  | 233.6  | 228.8  | 225.6  | 222.4  | 219.2  | 219.2  | 219.2  | 217.6  | 217.6  |
| 75°   | 200.0  | 193.6  | 185.6  | 180.8  | 180.8  | 184.0  | 179.2  | 174.4  | 169.6  | 166.4  | 168.0  |
| 77.5° | 150.4  | 147.2  | 142.4  | 134.4  | 136.0  | 132.8  | 132.8  | 129.6  | 131.2  | 131.2  | 128.0  |
| 80°   | 110.4  | 105.6  | 104.0  | 99.2   | 100.8  | 99.2   | 97.6   | 97.6   | 94.4   | 94.4   | 94.4   |
| 82.5° | 76.8   | 72.0   | 72.0   | 70.4   | 68.8   | 68.8   | 67.2   | 67.2   | 68.8   | 65.6   | 65.6   |
| 85°   | 46.4   | 44.8   | 44.8   | 41.6   | 41.6   | 41.6   | 41.6   | 43.2   | 41.6   | 40.0   | 40.0   |
| 87.5° | 20.8   | 22.4   | 20.8   | 19.2   | 19.2   | 19.2   | 17.6   | 17.6   | 16.0   | 17.6   | 17.6   |
| 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°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 2134.7 | 2123.5 | 2121.9 | 2121.9 | 2104.3 | 2113.9 | 2094.7 | 2073.9 | 2064.3 | 2064.3 | 2046.7 |
| 5°    | 2312.3 | 2301.1 | 2289.9 | 2272.3 | 2272.3 | 2262.7 | 2232.3 | 2201.9 | 2179.5 | 2160.3 | 2139.5 |
| 7.5°  | 2494.7 | 2483.5 | 2451.5 | 2433.9 | 2443.5 | 2424.3 | 2384.3 | 2333.1 | 2294.7 | 2264.3 | 2221.1 |
| 10°   | 2693.1 | 2662.7 | 2646.7 | 2637.1 | 2603.5 | 2582.7 | 2536.3 | 2461.1 | 2413.1 | 2373.1 | 2317.1 |
| 12.5° | 2854.8 | 2864.4 | 2803.6 | 2808.4 | 2774.8 | 2745.9 | 2673.9 | 2601.9 | 2529.9 | 2473.9 | 2390.7 |
| 15°   | 3029.2 | 3000.4 | 2963.6 | 2934.8 | 2923.6 | 2888.4 | 2827.6 | 2731.5 | 2653.1 | 2565.1 | 2470.7 |
| 17.5° | 3166.8 | 3144.4 | 3109.2 | 3082.0 | 3058.0 | 2973.2 | 2922.0 | 2837.2 | 2729.9 | 2643.5 | 2528.3 |
| 20°   | 3283.6 | 3262.8 | 3213.2 | 3195.6 | 3152.4 | 3091.6 | 3018.0 | 2886.8 | 2790.8 | 2696.3 | 2584.3 |
| 22.5° | 3333.2 | 3312.4 | 3269.2 | 3246.8 | 3219.6 | 3160.4 | 3090.0 | 2965.2 | 2846.8 | 2728.3 | 2609.9 |
| 25°   | 3291.6 | 3291.6 | 3270.8 | 3262.8 | 3238.8 | 3186.0 | 3114.0 | 3008.4 | 2882.0 | 2753.9 | 2613.1 |
| 27.5° | 3090.0 | 3130.0 | 3144.4 | 3152.4 | 3152.4 | 3154.0 | 3104.4 | 3002.0 | 2878.8 | 2753.9 | 2606.7 |
| 30°   | 2798.8 | 2866.0 | 2925.2 | 2942.8 | 2973.2 | 3006.8 | 3027.6 | 2978.0 | 2867.6 | 2736.3 | 2589.1 |
| 32.5° | 2432.3 | 2518.7 | 2629.1 | 2656.3 | 2697.9 | 2798.8 | 2854.8 | 2875.6 | 2814.8 | 2699.5 | 2542.7 |
| 35°   | 2067.5 | 2176.3 | 2243.5 | 2326.7 | 2365.1 | 2513.9 | 2638.7 | 2713.9 | 2699.5 | 2630.7 | 2488.3 |
| 37.5° | 1749.0 | 1811.4 | 1893.0 | 1981.1 | 2057.9 | 2200.3 | 2355.5 | 2501.1 | 2560.3 | 2526.7 | 2419.5 |
| 40°   | 1443.4 | 1517.0 | 1614.6 | 1686.6 | 1739.4 | 1881.8 | 2073.9 | 2232.3 | 2361.9 | 2382.7 | 2317.1 |
| 42.5° | 1227.4 | 1301.0 | 1360.2 | 1438.6 | 1480.2 | 1617.8 | 1787.4 | 1985.9 | 2139.5 | 2221.1 | 2192.3 |
| 45°   | 1060.9 | 1105.7 | 1153.7 | 1198.6 | 1249.8 | 1371.4 | 1528.2 | 1745.8 | 1918.6 | 2033.9 | 2045.1 |
| 47.5° | 915.3  | 955.3  | 996.9  | 1038.5 | 1067.3 | 1161.7 | 1305.8 | 1483.4 | 1672.2 | 1830.6 | 1893.0 |
| 50°   | 812.9  | 832.1  | 862.5  | 886.5  | 920.1  | 1001.7 | 1116.9 | 1270.6 | 1470.6 | 1641.8 | 1723.4 |
| 52.5° | 712.1  | 736.1  | 760.1  | 780.9  | 803.3  | 860.9  | 966.5  | 1099.3 | 1272.2 | 1448.2 | 1549.0 |
| 55°   | 627.3  | 646.5  | 668.9  | 683.3  | 696.1  | 747.3  | 827.3  | 929.7  | 1078.5 | 1245.0 | 1369.8 |
| 57.5° | 558.5  | 566.5  | 585.7  | 593.7  | 608.1  | 649.7  | 707.3  | 798.5  | 918.5  | 1080.1 | 1182.5 |
| 60°   | 483.3  | 499.3  | 513.7  | 520.1  | 531.3  | 560.1  | 600.1  | 684.9  | 788.9  | 907.3  | 1024.1 |
| 62.5° | 422.5  | 428.9  | 440.1  | 448.1  | 456.1  | 486.5  | 520.1  | 584.1  | 662.5  | 761.7  | 868.9  |
| 65°   | 366.4  | 369.6  | 376.0  | 387.2  | 392.0  | 414.5  | 433.7  | 480.1  | 553.7  | 628.9  | 736.1  |
| 67.5° | 308.8  | 312.0  | 320.0  | 326.4  | 331.2  | 345.6  | 366.4  | 400.1  | 440.1  | 523.3  | 582.5  |
| 70°   | 264.0  | 264.0  | 268.8  | 272.0  | 276.8  | 283.2  | 294.4  | 320.0  | 356.8  | 409.7  | 464.1  |
| 72.5° | 220.8  | 220.8  | 220.8  | 225.6  | 225.6  | 230.4  | 236.8  | 254.4  | 280.0  | 321.6  | 356.8  |
| 75°   | 171.2  | 172.8  | 176.0  | 176.0  | 177.6  | 184.0  | 188.8  | 193.6  | 206.4  | 233.6  | 265.6  |
| 77.5° | 129.6  | 132.8  | 134.4  | 131.2  | 134.4  | 134.4  | 140.8  | 147.2  | 153.6  | 161.6  | 185.6  |
| 80°   | 96.0   | 97.6   | 94.4   | 96.0   | 96.0   | 99.2   | 102.4  | 100.8  | 104.0  | 113.6  | 120.0  |
| 82.5° | 64.0   | 65.6   | 65.6   | 65.6   | 65.6   | 70.4   | 70.4   | 68.8   | 70.4   | 72.0   | 73.6   |
| 85°   | 40.0   | 38.4   | 38.4   | 40.0   | 38.4   | 38.4   | 40.0   | 41.6   | 40.0   | 41.6   | 43.2   |
| 87.5° | 17.6   | 17.6   | 17.6   | 17.6   | 16.0   | 16.0   | 17.6   | 16.0   | 17.6   | 16.0   | 14.4   |
| 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°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 2037.1 | 2029.1 | 2024.3 | 2022.7 | 2008.3 | 2000.3 | 1995.5 | 1992.3 | 1987.5 | 1974.7 | 1963.4 |
| 5°    | 2113.9 | 2091.5 | 2080.3 | 2067.5 | 2045.1 | 2019.5 | 1998.7 | 1985.9 | 1969.8 | 1944.2 | 1920.2 |
| 7.5°  | 2185.9 | 2152.3 | 2129.9 | 2112.3 | 2073.9 | 2032.3 | 1998.7 | 1971.4 | 1941.0 | 1905.8 | 1872.2 |
| 10°   | 2261.1 | 2206.7 | 2177.9 | 2150.7 | 2094.7 | 2040.3 | 1992.3 | 1952.2 | 1909.0 | 1862.6 | 1825.8 |
| 12.5° | 2320.3 | 2248.3 | 2216.3 | 2177.9 | 2109.1 | 2045.1 | 1984.3 | 1929.8 | 1873.8 | 1824.2 | 1771.4 |
| 15°   | 2389.1 | 2299.5 | 2262.7 | 2213.1 | 2118.7 | 2035.5 | 1957.0 | 1897.8 | 1840.2 | 1766.6 | 1710.6 |
| 17.5° | 2429.1 | 2325.1 | 2272.3 | 2229.1 | 2126.7 | 2025.9 | 1934.6 | 1861.0 | 1793.8 | 1720.2 | 1661.0 |
| 20°   | 2469.1 | 2350.7 | 2291.5 | 2230.7 | 2109.1 | 2001.9 | 1905.8 | 1817.8 | 1747.4 | 1667.4 | 1606.6 |
| 22.5° | 2481.9 | 2344.3 | 2281.9 | 2225.9 | 2097.9 | 1977.9 | 1867.4 | 1777.8 | 1696.2 | 1616.2 | 1547.4 |
| 25°   | 2481.9 | 2342.7 | 2269.1 | 2197.1 | 2062.7 | 1939.4 | 1829.0 | 1731.4 | 1640.2 | 1560.2 | 1491.4 |
| 27.5° | 2456.3 | 2310.7 | 2233.9 | 2168.3 | 2029.1 | 1896.2 | 1782.6 | 1675.4 | 1587.4 | 1507.4 | 1429.0 |
| 30°   | 2424.3 | 2264.3 | 2187.5 | 2109.1 | 1974.7 | 1848.2 | 1725.0 | 1625.8 | 1533.0 | 1441.8 | 1371.4 |
| 32.5° | 2384.3 | 2214.7 | 2129.9 | 2049.9 | 1907.4 | 1776.2 | 1662.6 | 1565.0 | 1477.0 | 1382.6 | 1304.2 |
| 35°   | 2326.7 | 2141.1 | 2046.7 | 1976.3 | 1838.6 | 1702.6 | 1593.8 | 1497.8 | 1413.0 | 1315.4 | 1230.6 |
| 37.5° | 2253.1 | 2073.9 | 1977.9 | 1891.4 | 1749.0 | 1624.2 | 1521.8 | 1429.0 | 1345.8 | 1256.2 | 1161.7 |
| 40°   | 2166.7 | 1979.5 | 1896.2 | 1805.0 | 1654.6 | 1536.2 | 1440.2 | 1357.0 | 1273.8 | 1189.0 | 1097.7 |
| 42.5° | 2069.1 | 1883.4 | 1790.6 | 1702.6 | 1558.6 | 1441.8 | 1352.2 | 1277.0 | 1200.2 | 1121.7 | 1024.1 |
| 45°   | 1952.2 | 1777.8 | 1688.2 | 1605.0 | 1465.8 | 1345.8 | 1264.2 | 1192.2 | 1126.5 | 1046.5 | 960.1  |
| 47.5° | 1821.0 | 1669.0 | 1577.8 | 1488.2 | 1352.2 | 1248.2 | 1168.1 | 1107.3 | 1051.3 | 971.3  | 892.9  |
| 50°   | 1693.0 | 1542.6 | 1469.0 | 1377.8 | 1253.0 | 1155.3 | 1073.7 | 1022.5 | 979.3  | 900.9  | 830.5  |
| 52.5° | 1531.4 | 1417.8 | 1347.4 | 1269.0 | 1148.9 | 1049.7 | 985.7  | 940.9  | 889.7  | 828.9  | 766.5  |
| 55°   | 1389.0 | 1283.4 | 1227.4 | 1153.7 | 1035.3 | 947.3  | 892.9  | 851.3  | 811.3  | 756.9  | 707.3  |
| 57.5° | 1227.4 | 1161.7 | 1105.7 | 1041.7 | 924.9  | 849.7  | 801.7  | 766.5  | 729.7  | 684.9  | 644.9  |
| 60°   | 1057.7 | 1027.3 | 972.9  | 921.7  | 822.5  | 756.9  | 716.9  | 684.9  | 649.7  | 612.9  | 579.3  |
| 62.5° | 907.3  | 889.7  | 857.7  | 817.7  | 724.9  | 668.9  | 628.9  | 604.9  | 579.3  | 545.7  | 513.7  |
| 65°   | 764.9  | 756.9  | 726.5  | 697.7  | 633.7  | 584.1  | 548.9  | 534.5  | 505.7  | 480.1  | 451.3  |
| 67.5° | 638.5  | 628.9  | 611.3  | 598.5  | 544.1  | 497.7  | 480.1  | 460.9  | 436.9  | 417.7  | 393.6  |
| 70°   | 510.5  | 508.9  | 497.7  | 481.7  | 452.9  | 419.3  | 401.7  | 388.8  | 364.8  | 350.4  | 332.8  |
| 72.5° | 396.9  | 404.9  | 395.3  | 388.8  | 369.6  | 345.6  | 329.6  | 321.6  | 302.4  | 291.2  | 278.4  |
| 75°   | 296.0  | 302.4  | 307.2  | 296.0  | 291.2  | 280.0  | 265.6  | 257.6  | 248.0  | 232.0  | 227.2  |
| 77.5° | 201.6  | 216.0  | 216.0  | 219.2  | 220.8  | 214.4  | 203.2  | 196.8  | 185.6  | 182.4  | 176.0  |
| 80°   | 132.8  | 145.6  | 147.2  | 150.4  | 155.2  | 155.2  | 147.2  | 145.6  | 134.4  | 132.8  | 128.0  |
| 82.5° | 76.8   | 88.0   | 94.4   | 99.2   | 97.6   | 104.0  | 97.6   | 96.0   | 89.6   | 89.6   | 86.4   |
| 85°   | 41.6   | 43.2   | 46.4   | 49.6   | 52.8   | 56.0   | 56.0   | 54.4   | 52.8   | 51.2   | 48.0   |
| 87.5° | 16.0   | 16.0   | 17.6   | 16.0   | 17.6   | 20.8   | 22.4   | 22.4   | 20.8   | 19.2   | 16.0   |
| 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°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 1953.8 | 1950.6 | 1947.4 | 1934.6 | 1923.4 | 1904.2 | 1888.2 | 1881.8 | 1880.2 | 1881.8 | 1877.0 |
| 5°    | 1897.8 | 1896.2 | 1885.0 | 1862.6 | 1841.8 | 1819.4 | 1803.4 | 1787.4 | 1777.8 | 1777.8 | 1766.6 |
| 7.5°  | 1845.0 | 1833.8 | 1824.2 | 1795.4 | 1771.4 | 1741.0 | 1717.0 | 1702.6 | 1694.6 | 1677.0 | 1677.0 |
| 10°   | 1789.0 | 1773.0 | 1760.2 | 1733.0 | 1697.8 | 1667.4 | 1637.0 | 1619.4 | 1605.0 | 1592.2 | 1587.4 |
| 12.5° | 1733.0 | 1720.2 | 1696.2 | 1667.4 | 1632.2 | 1593.8 | 1561.8 | 1549.0 | 1515.4 | 1488.2 | 1489.8 |
| 15°   | 1680.2 | 1651.4 | 1640.2 | 1598.6 | 1557.0 | 1520.2 | 1473.8 | 1437.0 | 1409.8 | 1392.2 | 1369.8 |
| 17.5° | 1621.0 | 1592.2 | 1571.4 | 1536.2 | 1481.8 | 1424.2 | 1379.4 | 1329.8 | 1302.6 | 1272.2 | 1257.8 |
| 20°   | 1555.4 | 1531.4 | 1515.4 | 1459.4 | 1393.8 | 1325.0 | 1275.4 | 1245.0 | 1214.6 | 1192.2 | 1179.3 |
| 22.5° | 1499.4 | 1469.0 | 1449.8 | 1374.6 | 1302.6 | 1233.8 | 1195.4 | 1169.7 | 1144.1 | 1124.9 | 1118.5 |
| 25°   | 1427.4 | 1409.8 | 1363.4 | 1297.8 | 1209.8 | 1163.3 | 1129.7 | 1096.1 | 1081.7 | 1068.9 | 1054.5 |
| 27.5° | 1368.2 | 1325.0 | 1293.0 | 1206.6 | 1152.1 | 1099.3 | 1065.7 | 1040.1 | 1022.5 | 1009.7 | 998.5  |
| 30°   | 1294.6 | 1254.6 | 1209.8 | 1137.7 | 1088.1 | 1038.5 | 1008.1 | 987.3  | 968.1  | 960.1  | 950.5  |
| 32.5° | 1217.8 | 1180.9 | 1137.7 | 1080.1 | 1019.3 | 980.9  | 956.9  | 934.5  | 921.7  | 913.7  | 902.5  |
| 35°   | 1148.9 | 1102.5 | 1073.7 | 1019.3 | 969.7  | 926.5  | 904.1  | 884.9  | 870.5  | 867.3  | 865.7  |
| 37.5° | 1075.3 | 1040.1 | 1012.9 | 956.9  | 915.3  | 878.5  | 857.7  | 836.9  | 828.9  | 827.3  | 820.9  |
| 40°   | 1011.3 | 980.9  | 955.3  | 902.5  | 857.7  | 824.1  | 808.1  | 795.3  | 787.3  | 787.3  | 785.7  |
| 42.5° | 955.3  | 923.3  | 897.7  | 849.7  | 809.7  | 779.3  | 761.7  | 748.9  | 745.7  | 747.3  | 745.7  |
| 45°   | 892.9  | 865.7  | 840.1  | 790.5  | 756.9  | 734.5  | 715.3  | 708.9  | 704.1  | 705.7  | 707.3  |
| 47.5° | 833.7  | 811.3  | 785.7  | 745.7  | 707.3  | 683.3  | 672.1  | 665.7  | 665.7  | 665.7  | 668.9  |
| 50°   | 780.9  | 755.3  | 732.9  | 691.3  | 656.1  | 636.9  | 627.3  | 619.3  | 620.9  | 622.5  | 624.1  |
| 52.5° | 718.5  | 696.1  | 680.1  | 638.5  | 612.9  | 588.9  | 577.7  | 579.3  | 577.7  | 577.7  | 580.9  |
| 55°   | 664.1  | 641.7  | 625.7  | 587.3  | 561.7  | 545.7  | 536.1  | 531.3  | 532.9  | 529.7  | 536.1  |
| 57.5° | 603.3  | 584.1  | 572.9  | 536.1  | 513.7  | 499.3  | 491.3  | 483.3  | 486.5  | 484.9  | 483.3  |
| 60°   | 550.5  | 528.1  | 510.5  | 484.9  | 465.7  | 448.1  | 443.3  | 435.3  | 438.5  | 435.3  | 433.7  |
| 62.5° | 489.7  | 472.1  | 459.3  | 433.7  | 417.7  | 403.3  | 392.0  | 387.2  | 385.6  | 380.8  | 376.0  |
| 65°   | 428.9  | 419.3  | 406.5  | 380.8  | 364.8  | 353.6  | 347.2  | 342.4  | 340.8  | 328.0  | 313.6  |
| 67.5° | 372.8  | 366.4  | 353.6  | 334.4  | 320.0  | 308.8  | 299.2  | 291.2  | 281.6  | 272.0  | 264.0  |
| 70°   | 320.0  | 310.4  | 302.4  | 284.8  | 272.0  | 260.8  | 251.2  | 241.6  | 236.8  | 227.2  | 224.0  |
| 72.5° | 268.8  | 259.2  | 251.2  | 235.2  | 224.0  | 212.8  | 209.6  | 198.4  | 193.6  | 192.0  | 192.0  |
| 75°   | 216.0  | 208.0  | 203.2  | 188.8  | 179.2  | 171.2  | 166.4  | 163.2  | 160.0  | 156.8  | 152.0  |
| 77.5° | 164.8  | 160.0  | 156.8  | 147.2  | 139.2  | 134.4  | 132.8  | 121.6  | 118.4  | 115.2  | 112.0  |
| 80°   | 120.0  | 118.4  | 115.2  | 107.2  | 104.0  | 92.8   | 92.8   | 89.6   | 88.0   | 88.0   | 88.0   |
| 82.5° | 81.6   | 78.4   | 76.8   | 68.8   | 67.2   | 65.6   | 64.0   | 62.4   | 64.0   | 62.4   | 64.0   |
| 85°   | 43.2   | 41.6   | 40.0   | 40.0   | 40.0   | 40.0   | 40.0   | 40.0   | 40.0   | 38.4   | 40.0   |
| 87.5° | 16.0   | 16.0   | 16.0   | 16.0   | 14.4   | 16.0   | 16.0   | 14.4   | 16.0   | 16.0   | 16.0   |
| 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°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 1877.0 | 1883.4 | 1875.4 | 1880.2 | 1869.0 | 1867.4 | 1869.0 | 1869.0 | 1870.6 | 1872.2 | 1873.8 |
| 5°    | 1771.4 | 1769.8 | 1760.2 | 1753.8 | 1749.0 | 1753.8 | 1757.0 | 1760.2 | 1757.0 | 1760.2 | 1761.8 |
| 7.5°  | 1672.2 | 1667.4 | 1662.6 | 1651.4 | 1654.6 | 1651.4 | 1661.0 | 1656.2 | 1656.2 | 1664.2 | 1670.6 |
| 10°   | 1584.2 | 1574.6 | 1571.4 | 1558.6 | 1549.0 | 1547.4 | 1558.6 | 1563.4 | 1568.2 | 1571.4 | 1584.2 |
| 12.5° | 1470.6 | 1456.2 | 1445.0 | 1449.8 | 1422.6 | 1433.8 | 1437.0 | 1430.6 | 1449.8 | 1472.2 | 1459.4 |
| 15°   | 1349.0 | 1350.6 | 1328.2 | 1320.2 | 1297.8 | 1304.2 | 1305.8 | 1321.8 | 1337.8 | 1336.2 | 1355.4 |
| 17.5° | 1259.4 | 1249.8 | 1230.6 | 1229.0 | 1219.4 | 1224.2 | 1222.6 | 1235.4 | 1230.6 | 1238.6 | 1254.6 |
| 20°   | 1176.1 | 1169.7 | 1153.7 | 1147.3 | 1150.5 | 1147.3 | 1148.9 | 1150.5 | 1155.3 | 1172.9 | 1169.7 |
| 22.5° | 1110.5 | 1102.5 | 1102.5 | 1094.5 | 1084.9 | 1081.7 | 1089.7 | 1094.5 | 1100.9 | 1104.1 | 1112.1 |
| 25°   | 1052.9 | 1046.5 | 1038.5 | 1033.7 | 1025.7 | 1027.3 | 1032.1 | 1038.5 | 1043.3 | 1049.7 | 1056.1 |
| 27.5° | 993.7  | 993.7  | 985.7  | 984.1  | 980.9  | 979.3  | 985.7  | 988.9  | 988.9  | 993.7  | 1000.1 |
| 30°   | 947.3  | 947.3  | 939.3  | 937.7  | 936.1  | 936.1  | 940.9  | 942.5  | 944.1  | 948.9  | 952.1  |
| 32.5° | 902.5  | 900.9  | 897.7  | 899.3  | 897.7  | 899.3  | 899.3  | 900.9  | 904.1  | 905.7  | 912.1  |
| 35°   | 860.9  | 862.5  | 859.3  | 859.3  | 857.7  | 859.3  | 862.5  | 864.1  | 865.7  | 868.9  | 868.9  |
| 37.5° | 820.9  | 824.1  | 822.5  | 827.3  | 827.3  | 827.3  | 827.3  | 830.5  | 830.5  | 830.5  | 828.9  |
| 40°   | 785.7  | 785.7  | 784.1  | 787.3  | 790.5  | 790.5  | 792.1  | 792.1  | 793.7  | 793.7  | 792.1  |
| 42.5° | 745.7  | 748.9  | 753.7  | 755.3  | 758.5  | 756.9  | 761.7  | 760.1  | 761.7  | 758.5  | 755.3  |
| 45°   | 708.9  | 708.9  | 715.3  | 721.7  | 723.3  | 723.3  | 723.3  | 726.5  | 723.3  | 718.5  | 716.9  |
| 47.5° | 668.9  | 672.1  | 675.3  | 683.3  | 684.9  | 684.9  | 684.9  | 684.9  | 681.7  | 681.7  | 681.7  |
| 50°   | 628.9  | 630.5  | 632.1  | 635.3  | 640.1  | 638.5  | 638.5  | 638.5  | 644.9  | 638.5  | 640.1  |
| 52.5° | 580.9  | 582.5  | 584.1  | 590.5  | 588.9  | 588.9  | 590.5  | 590.5  | 595.3  | 593.7  | 590.5  |
| 55°   | 532.9  | 532.9  | 536.1  | 536.1  | 536.1  | 539.3  | 540.9  | 544.1  | 542.5  | 544.1  | 545.7  |
| 57.5° | 484.9  | 481.7  | 480.1  | 480.1  | 484.9  | 483.3  | 484.9  | 484.9  | 491.3  | 494.5  | 496.1  |
| 60°   | 428.9  | 428.9  | 427.3  | 417.7  | 417.7  | 416.1  | 420.9  | 424.1  | 427.3  | 441.7  | 440.1  |
| 62.5° | 371.2  | 364.8  | 358.4  | 360.0  | 350.4  | 355.2  | 352.0  | 355.2  | 364.8  | 376.0  | 377.6  |
| 65°   | 313.6  | 308.8  | 302.4  | 300.8  | 297.6  | 302.4  | 300.8  | 302.4  | 307.2  | 313.6  | 321.6  |
| 67.5° | 262.4  | 260.8  | 257.6  | 256.0  | 256.0  | 256.0  | 259.2  | 259.2  | 260.8  | 265.6  | 270.4  |
| 70°   | 224.0  | 222.4  | 224.0  | 220.8  | 222.4  | 220.8  | 222.4  | 224.0  | 225.6  | 227.2  | 232.0  |
| 72.5° | 188.8  | 188.8  | 188.8  | 185.6  | 188.8  | 187.2  | 187.2  | 188.8  | 190.4  | 192.0  | 195.2  |
| 75°   | 150.4  | 147.2  | 144.0  | 140.8  | 139.2  | 142.4  | 144.0  | 142.4  | 147.2  | 153.6  | 153.6  |
| 77.5° | 113.6  | 112.0  | 112.0  | 112.0  | 113.6  | 112.0  | 115.2  | 113.6  | 115.2  | 115.2  | 118.4  |
| 80°   | 88.0   | 86.4   | 88.0   | 88.0   | 86.4   | 89.6   | 88.0   | 88.0   | 89.6   | 91.2   | 89.6   |
| 82.5° | 64.0   | 65.6   | 64.0   | 64.0   | 64.0   | 67.2   | 64.0   | 64.0   | 64.0   | 65.6   | 65.6   |
| 85°   | 40.0   | 40.0   | 40.0   | 40.0   | 41.6   | 40.0   | 41.6   | 40.0   | 43.2   | 41.6   | 41.6   |
| 87.5° | 14.4   | 16.0   | 17.6   | 17.6   | 17.6   | 17.6   | 16.0   | 17.6   | 19.2   | 17.6   | 19.2   |
| 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):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 1880.2 | 1888.2 | 1885.0 | 1873.8 | 1878.6 | 1888.2 | 1897.8 | 1910.6 | 1918.6 | 1925.0 | 1928.2 |
| 5°    | 1769.8 | 1784.2 | 1781.0 | 1781.0 | 1787.4 | 1803.4 | 1819.4 | 1846.6 | 1856.2 | 1867.4 | 1883.4 |
| 7.5°  | 1672.2 | 1683.4 | 1693.0 | 1696.2 | 1705.8 | 1726.6 | 1747.4 | 1777.8 | 1801.8 | 1814.6 | 1824.2 |
| 10°   | 1585.8 | 1593.8 | 1608.2 | 1616.2 | 1625.8 | 1651.4 | 1681.8 | 1713.8 | 1737.8 | 1760.2 | 1773.0 |
| 12.5° | 1475.4 | 1507.4 | 1526.6 | 1539.4 | 1552.2 | 1590.6 | 1614.6 | 1649.8 | 1678.6 | 1699.4 | 1718.6 |
| 15°   | 1352.2 | 1390.6 | 1401.8 | 1451.4 | 1483.4 | 1513.8 | 1550.6 | 1592.2 | 1619.4 | 1643.4 | 1669.0 |
| 17.5° | 1248.2 | 1275.4 | 1288.2 | 1341.0 | 1368.2 | 1416.2 | 1469.0 | 1521.8 | 1563.4 | 1581.0 | 1606.6 |
| 20°   | 1182.5 | 1197.0 | 1222.6 | 1240.2 | 1269.0 | 1325.0 | 1382.6 | 1446.6 | 1509.0 | 1526.6 | 1552.2 |
| 22.5° | 1115.3 | 1134.5 | 1152.1 | 1176.1 | 1198.6 | 1237.0 | 1294.6 | 1365.0 | 1432.2 | 1464.2 | 1494.6 |
| 25°   | 1054.5 | 1073.7 | 1084.9 | 1110.5 | 1131.3 | 1169.7 | 1209.8 | 1281.8 | 1361.8 | 1389.0 | 1437.0 |
| 27.5° | 1006.5 | 1017.7 | 1036.9 | 1048.1 | 1072.1 | 1107.3 | 1144.1 | 1198.6 | 1277.0 | 1323.4 | 1369.8 |
| 30°   | 958.5  | 966.5  | 982.5  | 998.5  | 1016.1 | 1040.1 | 1081.7 | 1134.5 | 1206.6 | 1246.6 | 1293.0 |
| 32.5° | 910.5  | 923.3  | 932.9  | 944.1  | 963.3  | 992.1  | 1020.9 | 1072.1 | 1129.7 | 1174.5 | 1221.0 |
| 35°   | 870.5  | 875.3  | 888.1  | 900.9  | 913.7  | 939.3  | 969.7  | 1019.3 | 1070.5 | 1105.7 | 1147.3 |
| 37.5° | 827.3  | 835.3  | 844.9  | 849.7  | 870.5  | 886.5  | 918.5  | 956.9  | 1017.7 | 1040.1 | 1081.7 |
| 40°   | 793.7  | 792.1  | 801.7  | 809.7  | 819.3  | 844.9  | 864.1  | 905.7  | 953.7  | 988.9  | 1014.5 |
| 42.5° | 752.1  | 752.1  | 755.3  | 764.9  | 777.7  | 793.7  | 816.1  | 851.3  | 900.9  | 926.5  | 956.9  |
| 45°   | 718.5  | 713.7  | 715.3  | 721.7  | 729.7  | 745.7  | 768.1  | 798.5  | 848.1  | 868.9  | 900.9  |
| 47.5° | 678.5  | 673.7  | 673.7  | 680.1  | 686.5  | 697.7  | 715.3  | 750.5  | 790.5  | 817.7  | 841.7  |
| 50°   | 633.7  | 635.3  | 633.7  | 638.5  | 641.7  | 652.9  | 672.1  | 700.9  | 737.7  | 760.1  | 787.3  |
| 52.5° | 592.1  | 588.9  | 587.3  | 590.5  | 596.9  | 604.9  | 625.7  | 651.3  | 686.5  | 708.9  | 732.9  |
| 55°   | 540.9  | 544.1  | 544.1  | 544.1  | 553.7  | 556.9  | 572.9  | 598.5  | 633.7  | 651.3  | 673.7  |
| 57.5° | 494.5  | 492.9  | 496.1  | 494.5  | 502.5  | 513.7  | 526.5  | 545.7  | 580.9  | 598.5  | 619.3  |
| 60°   | 443.3  | 444.9  | 446.5  | 446.5  | 452.9  | 464.1  | 478.5  | 496.1  | 524.9  | 542.5  | 561.7  |
| 62.5° | 380.8  | 388.8  | 396.9  | 400.1  | 409.7  | 417.7  | 427.3  | 446.5  | 472.1  | 484.9  | 502.5  |
| 65°   | 321.6  | 332.8  | 344.0  | 352.0  | 358.4  | 366.4  | 379.2  | 396.9  | 417.7  | 430.5  | 448.1  |
| 67.5° | 270.4  | 278.4  | 292.8  | 300.8  | 313.6  | 323.2  | 331.2  | 345.6  | 371.2  | 376.0  | 390.4  |
| 70°   | 233.6  | 236.8  | 243.2  | 249.6  | 264.0  | 272.0  | 281.6  | 296.0  | 315.2  | 326.4  | 334.4  |
| 72.5° | 196.8  | 198.4  | 201.6  | 208.0  | 214.4  | 224.0  | 235.2  | 248.0  | 265.6  | 270.4  | 281.6  |
| 75°   | 156.8  | 166.4  | 166.4  | 171.2  | 176.0  | 180.8  | 190.4  | 203.2  | 214.4  | 222.4  | 228.8  |
| 77.5° | 116.8  | 121.6  | 124.8  | 132.8  | 139.2  | 144.0  | 150.4  | 160.0  | 166.4  | 172.8  | 177.6  |
| 80°   | 91.2   | 92.8   | 94.4   | 94.4   | 97.6   | 104.0  | 110.4  | 116.8  | 124.8  | 128.0  | 132.8  |
| 82.5° | 67.2   | 67.2   | 67.2   | 70.4   | 72.0   | 73.6   | 73.6   | 76.8   | 84.8   | 88.0   | 92.8   |
| 85°   | 43.2   | 43.2   | 43.2   | 43.2   | 44.8   | 46.4   | 48.0   | 49.6   | 49.6   | 49.6   | 52.8   |
| 87.5° | 17.6   | 20.8   | 19.2   | 20.8   | 20.8   | 20.8   | 20.8   | 22.4   | 22.4   | 24.0   | 24.0   |
| 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):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1985.9 | 1985.9 | 1985.9 | 1985.9 |
| 2.5°  | 1941.0 | 1950.6 | 1966.6 | 1989.1 |
| 5°    | 1896.2 | 1923.4 | 1949.0 | 1982.7 |
| 7.5°  | 1856.2 | 1888.2 | 1923.4 | 1971.4 |
| 10°   | 1809.8 | 1849.8 | 1894.6 | 1953.8 |
| 12.5° | 1755.4 | 1811.4 | 1862.6 | 1926.6 |
| 15°   | 1715.4 | 1757.0 | 1822.6 | 1897.8 |
| 17.5° | 1659.4 | 1715.4 | 1781.0 | 1865.8 |
| 20°   | 1606.6 | 1665.8 | 1739.4 | 1827.4 |
| 22.5° | 1550.6 | 1617.8 | 1691.4 | 1785.8 |
| 25°   | 1493.0 | 1565.0 | 1638.6 | 1739.4 |
| 27.5° | 1440.2 | 1505.8 | 1589.0 | 1691.4 |
| 30°   | 1376.2 | 1451.4 | 1531.4 | 1638.6 |
| 32.5° | 1313.8 | 1392.2 | 1473.8 | 1581.0 |
| 35°   | 1246.6 | 1325.0 | 1414.6 | 1517.0 |
| 37.5° | 1180.9 | 1267.4 | 1349.0 | 1448.2 |
| 40°   | 1108.9 | 1198.6 | 1283.4 | 1384.2 |
| 42.5° | 1038.5 | 1131.3 | 1216.2 | 1302.6 |
| 45°   | 972.9  | 1064.1 | 1140.9 | 1222.6 |
| 47.5° | 910.5  | 992.1  | 1070.5 | 1144.1 |
| 50°   | 849.7  | 918.5  | 990.5  | 1051.3 |
| 52.5° | 785.7  | 851.3  | 908.9  | 963.3  |
| 55°   | 728.1  | 779.3  | 830.5  | 880.1  |
| 57.5° | 659.3  | 710.5  | 755.3  | 793.7  |
| 60°   | 601.7  | 633.7  | 676.9  | 716.9  |
| 62.5° | 536.1  | 572.9  | 606.5  | 632.1  |
| 65°   | 472.1  | 504.1  | 529.7  | 552.1  |
| 67.5° | 417.7  | 436.9  | 456.1  | 480.1  |
| 70°   | 352.0  | 368.0  | 390.4  | 408.1  |
| 72.5° | 296.0  | 308.8  | 320.0  | 340.8  |
| 75°   | 240.0  | 251.2  | 257.6  | 276.8  |
| 77.5° | 185.6  | 196.8  | 201.6  | 212.8  |
| 80°   | 142.4  | 144.0  | 150.4  | 160.0  |
| 82.5° | 97.6   | 100.8  | 102.4  | 110.4  |
| 85°   | 56.0   | 64.0   | 62.4   | 65.6   |
| 87.5° | 24.0   | 25.6   | 28.8   | 32.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)