

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: P1037965

Luminaire Tested: S125DS-B1270DB2750-4F0-XX-W2A-A\_4000K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037965  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DS-B1270DB2750-4F0-XX-W2A-A\_4000K  
Description: Define 5 Direct Surface with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

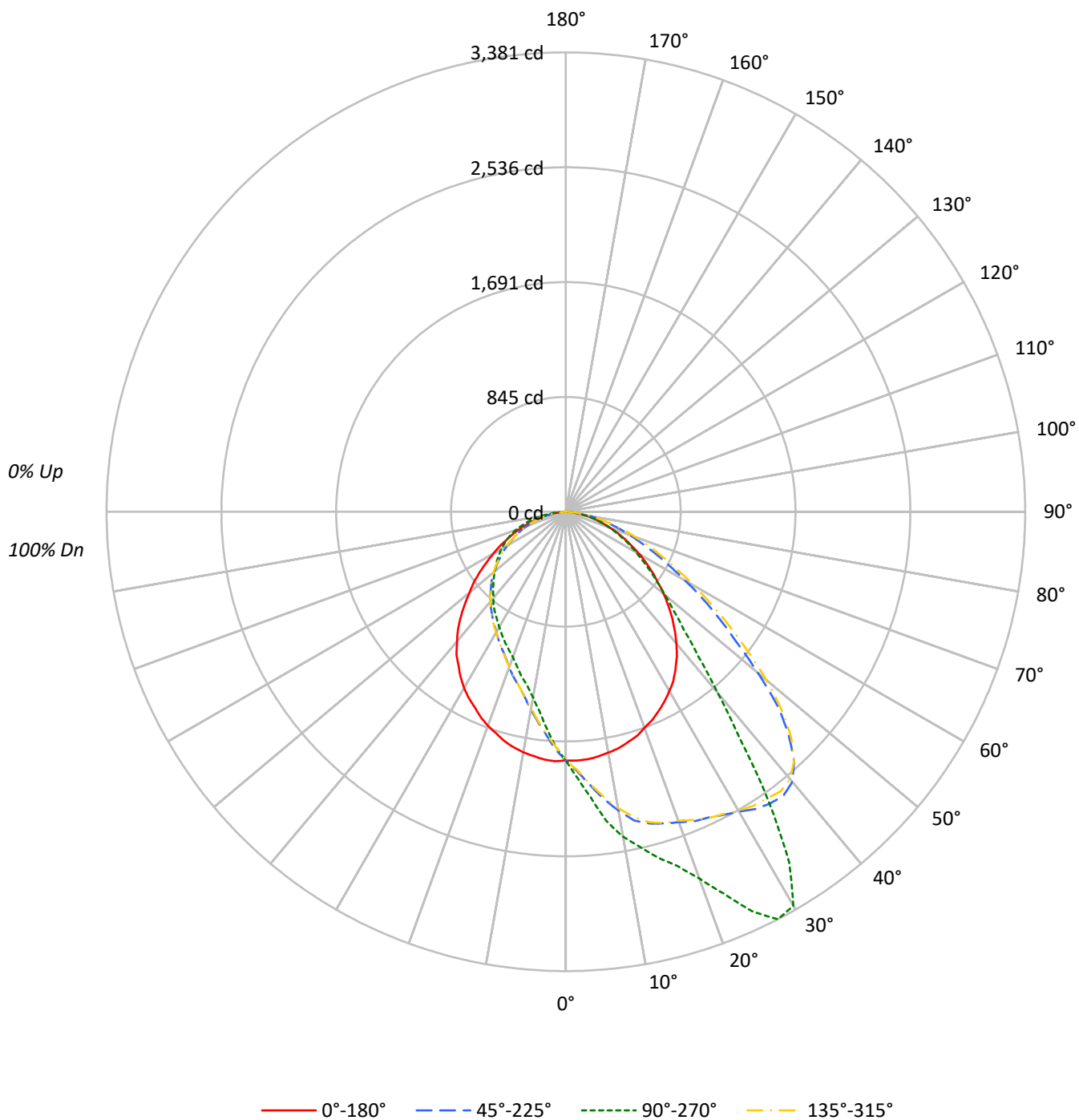
Lumens per Lamp: N/A  
Luminaire Lumens: 5165.0 lumens  
Efficiency: N/A  
Efficacy: 84.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')  
CIE Type: Direct

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: P1037965

CATALOG NUMBER: S125DS-B1270DB2750-4F0-XX-W2A-A\_4000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1037965

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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  | 50  | 30 | 10 |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |    |    |
| 1   | 109 | 105 | 101 | 97  | 107 | 103 | 99  | 96  | 99  | 96  | 93  | 95  | 92  | 90  | 91  | 89  | 87  | 85  |    |    |
| 2   | 100 | 92  | 86  | 80  | 98  | 90  | 84  | 79  | 87  | 82  | 78  | 84  | 80  | 76  | 81  | 77  | 74  | 72  |    |    |
| 3   | 92  | 82  | 74  | 68  | 89  | 80  | 73  | 67  | 77  | 71  | 66  | 74  | 69  | 65  | 72  | 67  | 64  | 61  |    |    |
| 4   | 84  | 73  | 64  | 58  | 82  | 71  | 63  | 57  | 69  | 62  | 57  | 67  | 61  | 56  | 64  | 59  | 55  | 53  |    |    |
| 5   | 78  | 65  | 56  | 50  | 76  | 64  | 56  | 50  | 62  | 55  | 49  | 60  | 54  | 49  | 58  | 53  | 48  | 46  |    |    |
| 6   | 72  | 59  | 50  | 44  | 70  | 58  | 50  | 44  | 56  | 49  | 43  | 54  | 48  | 43  | 53  | 47  | 43  | 41  |    |    |
| 7   | 67  | 53  | 45  | 39  | 65  | 53  | 45  | 39  | 51  | 44  | 39  | 50  | 43  | 38  | 48  | 42  | 38  | 36  |    |    |
| 8   | 62  | 49  | 41  | 35  | 61  | 48  | 40  | 35  | 47  | 40  | 34  | 46  | 39  | 34  | 44  | 39  | 34  | 32  |    |    |
| 9   | 58  | 45  | 37  | 31  | 57  | 44  | 37  | 31  | 43  | 36  | 31  | 42  | 36  | 31  | 41  | 35  | 31  | 29  |    |    |
| 10  | 54  | 41  | 34  | 28  | 53  | 41  | 33  | 28  | 40  | 33  | 28  | 39  | 33  | 28  | 38  | 32  | 28  | 26  |    |    |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 11728 | 11728 | 11728 | 11728 |
| 5°  | 11762 | 13581 | 11772 | 10303 |
| 10° | 11716 | 15800 | 11696 | 9027  |
| 15° | 11656 | 17490 | 11585 | 8328  |
| 20° | 11537 | 19578 | 11431 | 7765  |
| 25° | 11435 | 22935 | 11226 | 7491  |
| 30° | 11277 | 24772 | 11081 | 7253  |
| 35° | 11010 | 20368 | 10780 | 7097  |
| 40° | 10579 | 14477 | 10422 | 6927  |
| 45° | 10024 | 11122 | 9912  | 6828  |
| 50° | 9386  | 9494  | 9231  | 6815  |
| 55° | 8695  | 8453  | 8626  | 6873  |
| 60° | 8024  | 7626  | 7885  | 7048  |
| 65° | 7303  | 7044  | 7185  | 7232  |
| 70° | 6549  | 6403  | 6461  | 7336  |
| 75° | 5770  | 5654  | 5694  | 7271  |
| 80° | 4760  | 4760  | 4586  | 6649  |
| 85° | 3426  | 3771  | 3315  | 5366  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 21245 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 176.2  | 3.4       |
| 10°-20°   | 524.7  | 10.2      |
| 20°-30°   | 852.3  | 16.5      |
| 30°-40°   | 1041.7 | 20.2      |
| 40°-50°   | 944.9  | 18.3      |
| 50°-60°   | 752.6  | 14.6      |
| 60°-70°   | 524.2  | 10.1      |
| 70°-80°   | 279.3  | 5.4       |
| 80°-90°   | 69.2   | 1.3       |
| 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°    | 1553.2 | 30.1      |
| 0°-40°    | 2594.9 | 50.2      |
| 0°-60°    | 4292.3 | 83.1      |
| 0°-90°    | 5165.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 5165.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1830 | 1830 | 1830 | 1830 | 1830 |      |
| 5°  | 1829 | 2112 | 1830 | 1602 | 1829 | 174  |
| 15° | 1757 | 2637 | 1746 | 1256 | 1757 | 496  |
| 25° | 1618 | 3244 | 1588 | 1060 | 1618 | 745  |
| 35° | 1408 | 2604 | 1378 | 907  | 1408 | 879  |
| 45° | 1106 | 1228 | 1094 | 754  | 1106 | 852  |
| 55° | 778  | 757  | 772  | 615  | 778  | 696  |
| 65° | 482  | 465  | 474  | 477  | 482  | 478  |
| 75° | 233  | 228  | 230  | 294  | 233  | 248  |
| 85° | 47   | 51   | 45   | 73   | 47   | 59   |
| 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°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1833.5 | 1844.3 | 1856.8 | 1866.1 | 1881.6 | 1886.3 | 1894.1 | 1898.7 | 1903.4 | 1908.0 | 1911.2 |
| 5°    | 1828.8 | 1855.2 | 1878.5 | 1895.6 | 1925.1 | 1936.0 | 1950.0 | 1967.1 | 1987.3 | 2004.4 | 2015.3 |
| 7.5°  | 1816.4 | 1858.3 | 1889.4 | 1923.6 | 1964.0 | 1990.4 | 2004.4 | 2040.1 | 2072.7 | 2097.6 | 2130.2 |
| 10°   | 1800.8 | 1850.6 | 1898.7 | 1950.0 | 2007.5 | 2037.0 | 2065.0 | 2114.7 | 2159.8 | 2200.2 | 2232.8 |
| 12.5° | 1783.7 | 1844.3 | 1901.8 | 1968.6 | 2046.3 | 2082.1 | 2100.7 | 2186.2 | 2242.1 | 2263.9 | 2327.6 |
| 15°   | 1757.3 | 1828.8 | 1911.2 | 1993.5 | 2058.8 | 2100.7 | 2152.0 | 2220.4 | 2276.3 | 2324.5 | 2375.7 |
| 17.5° | 1732.5 | 1810.2 | 1894.1 | 1985.7 | 2080.5 | 2134.9 | 2173.7 | 2234.3 | 2294.9 | 2357.1 | 2405.3 |
| 20°   | 1692.1 | 1793.1 | 1878.5 | 1976.4 | 2088.3 | 2127.1 | 2167.5 | 2239.0 | 2304.3 | 2371.1 | 2431.7 |
| 22.5° | 1659.4 | 1755.8 | 1872.3 | 1965.5 | 2060.3 | 2099.2 | 2148.9 | 2223.5 | 2301.2 | 2377.3 | 2465.9 |
| 25°   | 1617.5 | 1724.7 | 1825.7 | 1925.1 | 2023.0 | 2065.0 | 2110.0 | 2206.4 | 2287.2 | 2385.1 | 2482.9 |
| 27.5° | 1572.4 | 1682.7 | 1783.7 | 1873.9 | 1965.5 | 2023.0 | 2071.2 | 2172.2 | 2279.4 | 2386.6 | 2514.0 |
| 30°   | 1524.3 | 1628.4 | 1724.7 | 1813.3 | 1914.3 | 1973.3 | 2021.5 | 2139.6 | 2259.2 | 2395.9 | 2548.2 |
| 32.5° | 1473.0 | 1570.9 | 1653.2 | 1743.3 | 1850.6 | 1904.9 | 1970.2 | 2099.2 | 2240.6 | 2403.7 | 2594.8 |
| 35°   | 1407.7 | 1501.0 | 1574.0 | 1665.7 | 1772.9 | 1842.8 | 1911.2 | 2055.7 | 2220.4 | 2402.1 | 2621.2 |
| 37.5° | 1342.5 | 1415.5 | 1485.4 | 1583.3 | 1707.6 | 1771.3 | 1842.8 | 2001.3 | 2189.3 | 2397.5 | 2632.1 |
| 40°   | 1264.8 | 1336.3 | 1396.9 | 1496.3 | 1626.8 | 1699.8 | 1774.4 | 1940.7 | 2153.5 | 2380.4 | 2593.3 |
| 42.5° | 1187.1 | 1247.7 | 1314.5 | 1418.6 | 1544.5 | 1622.1 | 1701.4 | 1886.3 | 2106.9 | 2330.7 | 2486.1 |
| 45°   | 1106.3 | 1152.9 | 1225.9 | 1320.7 | 1454.3 | 1528.9 | 1619.0 | 1819.5 | 2041.7 | 2240.6 | 2318.2 |
| 47.5° | 1022.4 | 1069.0 | 1137.4 | 1229.0 | 1361.1 | 1449.7 | 1535.1 | 1735.6 | 1959.3 | 2113.1 | 2113.1 |
| 50°   | 941.6  | 978.9  | 1045.7 | 1137.4 | 1271.0 | 1351.8 | 1438.8 | 1651.7 | 1831.9 | 1945.3 | 1844.3 |
| 52.5° | 854.6  | 896.5  | 952.5  | 1048.8 | 1180.9 | 1253.9 | 1348.7 | 1530.5 | 1701.4 | 1748.0 | 1592.6 |
| 55°   | 778.4  | 812.6  | 865.5  | 957.1  | 1079.9 | 1156.0 | 1236.8 | 1410.8 | 1555.3 | 1552.2 | 1386.0 |
| 57.5° | 699.2  | 727.2  | 783.1  | 867.0  | 980.4  | 1048.8 | 1129.6 | 1280.3 | 1398.4 | 1356.5 | 1199.5 |
| 60°   | 626.2  | 646.4  | 700.8  | 769.1  | 877.9  | 941.6  | 1019.3 | 1142.0 | 1232.1 | 1173.1 | 1014.6 |
| 62.5° | 550.0  | 573.3  | 616.9  | 683.7  | 780.0  | 831.3  | 888.8  | 1013.1 | 1070.6 | 1017.7 | 856.1  |
| 65°   | 481.7  | 500.3  | 539.2  | 595.1  | 682.1  | 728.7  | 778.4  | 881.0  | 935.4  | 859.2  | 725.6  |
| 67.5° | 413.3  | 435.1  | 463.0  | 512.7  | 581.1  | 624.6  | 668.1  | 756.7  | 781.6  | 713.2  | 601.3  |
| 70°   | 349.6  | 368.2  | 394.7  | 430.4  | 487.9  | 526.7  | 559.4  | 632.4  | 649.5  | 585.8  | 497.2  |
| 72.5° | 287.4  | 299.9  | 321.6  | 351.2  | 404.0  | 425.7  | 459.9  | 509.6  | 531.4  | 473.9  | 410.2  |
| 75°   | 233.1  | 242.4  | 256.4  | 278.1  | 313.9  | 337.2  | 365.1  | 411.8  | 410.2  | 369.8  | 324.7  |
| 77.5° | 180.2  | 181.8  | 197.3  | 217.5  | 239.3  | 259.5  | 273.5  | 306.1  | 309.2  | 284.3  | 247.1  |
| 80°   | 129.0  | 133.6  | 139.8  | 155.4  | 174.0  | 181.8  | 198.9  | 219.1  | 222.2  | 203.5  | 178.7  |
| 82.5° | 82.4   | 85.5   | 90.1   | 99.4   | 111.9  | 121.2  | 130.5  | 138.3  | 146.1  | 135.2  | 115.0  |
| 85°   | 46.6   | 48.2   | 52.8   | 55.9   | 62.2   | 66.8   | 74.6   | 82.4   | 80.8   | 73.0   | 66.8   |
| 87.5° | 23.3   | 23.3   | 23.3   | 26.4   | 29.5   | 29.5   | 32.6   | 34.2   | 35.7   | 32.6   | 29.5   |
| 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°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1914.3 | 1925.1 | 1934.5 | 1942.2 | 1948.4 | 1957.8 | 1951.6 | 1953.1 | 1956.2 | 1962.4 | 1962.4 |
| 5°    | 2038.6 | 2055.7 | 2065.0 | 2096.1 | 2103.8 | 2102.3 | 2097.6 | 2122.5 | 2120.9 | 2111.6 | 2110.0 |
| 7.5°  | 2159.8 | 2189.3 | 2215.7 | 2240.6 | 2248.3 | 2268.5 | 2273.2 | 2284.1 | 2281.0 | 2296.5 | 2288.7 |
| 10°   | 2270.1 | 2316.7 | 2341.6 | 2378.8 | 2388.2 | 2397.5 | 2409.9 | 2416.1 | 2430.1 | 2428.6 | 2428.6 |
| 12.5° | 2355.5 | 2411.5 | 2444.1 | 2453.4 | 2489.2 | 2500.0 | 2510.9 | 2531.1 | 2526.5 | 2528.0 | 2537.3 |
| 15°   | 2422.3 | 2476.7 | 2504.7 | 2548.2 | 2573.1 | 2585.5 | 2604.1 | 2625.9 | 2622.8 | 2636.8 | 2633.7 |
| 17.5° | 2472.1 | 2523.3 | 2574.6 | 2639.9 | 2641.4 | 2674.1 | 2717.6 | 2726.9 | 2747.1 | 2733.1 | 2733.1 |
| 20°   | 2512.5 | 2580.8 | 2653.9 | 2737.8 | 2747.1 | 2767.3 | 2820.1 | 2855.9 | 2879.2 | 2871.4 | 2876.1 |
| 22.5° | 2556.0 | 2653.9 | 2739.3 | 2823.2 | 2868.3 | 2904.0 | 2955.3 | 3011.2 | 3031.4 | 3043.9 | 3040.8 |
| 25°   | 2611.9 | 2714.5 | 2840.3 | 2956.8 | 3003.5 | 3071.8 | 3140.2 | 3194.6 | 3210.1 | 3244.3 | 3213.2 |
| 27.5° | 2669.4 | 2813.9 | 2970.8 | 3107.6 | 3166.6 | 3222.5 | 3304.9 | 3345.3 | 3365.5 | 3381.0 | 3370.2 |
| 30°   | 2717.6 | 2916.5 | 3087.4 | 3213.2 | 3255.2 | 3287.8 | 3334.4 | 3343.7 | 3336.0 | 3348.4 | 3363.9 |
| 32.5° | 2792.1 | 2986.4 | 3130.9 | 3191.5 | 3186.8 | 3185.3 | 3149.5 | 3099.8 | 3088.9 | 3059.4 | 3099.8 |
| 35°   | 2832.5 | 2987.9 | 3043.9 | 2963.1 | 2930.4 | 2871.4 | 2758.0 | 2683.4 | 2618.1 | 2604.1 | 2607.2 |
| 37.5° | 2809.2 | 2869.8 | 2803.0 | 2590.2 | 2537.3 | 2447.2 | 2296.5 | 2190.8 | 2142.7 | 2105.4 | 2153.5 |
| 40°   | 2683.4 | 2616.6 | 2433.2 | 2173.7 | 2097.6 | 2012.1 | 1870.8 | 1813.3 | 1744.9 | 1730.9 | 1794.6 |
| 42.5° | 2475.2 | 2271.6 | 2012.1 | 1811.7 | 1732.5 | 1684.3 | 1566.2 | 1511.8 | 1463.7 | 1441.9 | 1477.6 |
| 45°   | 2192.4 | 1945.3 | 1684.3 | 1519.6 | 1452.8 | 1395.3 | 1325.4 | 1267.9 | 1236.8 | 1227.5 | 1257.0 |
| 47.5° | 1900.3 | 1639.2 | 1431.0 | 1308.3 | 1238.4 | 1194.9 | 1129.6 | 1097.0 | 1072.1 | 1075.2 | 1079.9 |
| 50°   | 1620.6 | 1382.9 | 1222.8 | 1100.1 | 1065.9 | 1031.7 | 988.2  | 960.2  | 947.8  | 952.5  | 949.4  |
| 52.5° | 1379.8 | 1187.1 | 1051.9 | 957.1  | 941.6  | 909.0  | 873.2  | 849.9  | 845.3  | 846.8  | 851.5  |
| 55°   | 1168.4 | 1017.7 | 910.5  | 842.2  | 825.1  | 801.8  | 780.0  | 764.5  | 752.0  | 756.7  | 755.1  |
| 57.5° | 1008.4 | 876.3  | 794.0  | 738.0  | 725.6  | 711.6  | 691.4  | 683.7  | 679.0  | 669.7  | 677.4  |
| 60°   | 867.0  | 759.8  | 688.3  | 654.1  | 643.3  | 633.9  | 612.2  | 602.9  | 599.8  | 595.1  | 607.5  |
| 62.5° | 733.4  | 657.3  | 602.9  | 571.8  | 560.9  | 551.6  | 540.7  | 532.9  | 534.5  | 528.3  | 534.5  |
| 65°   | 627.7  | 565.6  | 526.7  | 498.8  | 484.8  | 478.6  | 477.0  | 464.6  | 463.0  | 464.6  | 466.1  |
| 67.5° | 529.8  | 477.0  | 447.5  | 430.4  | 419.5  | 413.3  | 408.6  | 400.9  | 407.1  | 402.4  | 405.5  |
| 70°   | 441.3  | 405.5  | 374.5  | 357.4  | 352.7  | 354.3  | 346.5  | 343.4  | 344.9  | 341.8  | 344.9  |
| 72.5° | 355.8  | 326.3  | 313.9  | 301.4  | 295.2  | 293.7  | 289.0  | 284.3  | 289.0  | 287.4  | 287.4  |
| 75°   | 284.3  | 262.6  | 248.6  | 240.8  | 240.8  | 237.7  | 230.0  | 230.0  | 230.0  | 228.4  | 230.0  |
| 77.5° | 219.1  | 200.4  | 194.2  | 186.5  | 186.5  | 181.8  | 180.2  | 180.2  | 177.1  | 181.8  | 178.7  |
| 80°   | 163.1  | 149.2  | 139.8  | 135.2  | 135.2  | 133.6  | 130.5  | 129.0  | 130.5  | 129.0  | 129.0  |
| 82.5° | 105.7  | 99.4   | 94.8   | 90.1   | 88.6   | 90.1   | 88.6   | 85.5   | 87.0   | 85.5   | 88.6   |
| 85°   | 60.6   | 54.4   | 54.4   | 51.3   | 52.8   | 49.7   | 51.3   | 48.2   | 46.6   | 51.3   | 48.2   |
| 87.5° | 26.4   | 24.9   | 24.9   | 21.8   | 21.8   | 21.8   | 20.2   | 21.8   | 20.2   | 18.6   | 20.2   |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1959.3 | 1948.4 | 1951.6 | 1948.4 | 1940.7 | 1936.0 | 1923.6 | 1908.0 | 1901.8 | 1894.1 | 1889.4 |
| 5°    | 2116.3 | 2108.5 | 2106.9 | 2094.5 | 2091.4 | 2072.7 | 2041.7 | 2026.1 | 2007.5 | 1988.8 | 1970.2 |
| 7.5°  | 2287.2 | 2277.8 | 2246.8 | 2242.1 | 2245.2 | 2221.9 | 2181.5 | 2150.4 | 2111.6 | 2085.2 | 2049.4 |
| 10°   | 2428.6 | 2409.9 | 2383.5 | 2385.1 | 2374.2 | 2343.1 | 2302.7 | 2270.1 | 2214.1 | 2180.0 | 2128.7 |
| 12.5° | 2514.0 | 2498.5 | 2495.4 | 2479.8 | 2470.5 | 2430.1 | 2381.9 | 2340.0 | 2298.0 | 2251.4 | 2212.6 |
| 15°   | 2618.1 | 2597.9 | 2583.9 | 2562.2 | 2556.0 | 2514.0 | 2461.2 | 2413.0 | 2364.9 | 2321.4 | 2239.0 |
| 17.5° | 2733.1 | 2711.4 | 2658.5 | 2653.9 | 2616.6 | 2576.2 | 2524.9 | 2453.4 | 2402.1 | 2340.0 | 2279.4 |
| 20°   | 2863.6 | 2832.5 | 2764.2 | 2747.1 | 2717.6 | 2650.8 | 2580.8 | 2501.6 | 2419.2 | 2355.5 | 2284.1 |
| 22.5° | 3009.7 | 2955.3 | 2905.6 | 2851.2 | 2829.4 | 2747.1 | 2650.8 | 2554.4 | 2455.0 | 2368.0 | 2282.5 |
| 25°   | 3199.2 | 3127.8 | 3057.8 | 3003.5 | 2966.2 | 2859.0 | 2730.0 | 2602.6 | 2487.6 | 2374.2 | 2262.3 |
| 27.5° | 3348.4 | 3286.3 | 3210.1 | 3138.6 | 3090.5 | 2963.1 | 2815.5 | 2650.8 | 2507.8 | 2369.5 | 2249.9 |
| 30°   | 3359.3 | 3340.6 | 3294.0 | 3255.2 | 3202.3 | 3065.6 | 2902.5 | 2716.0 | 2538.9 | 2371.1 | 2225.0 |
| 32.5° | 3155.7 | 3193.0 | 3213.2 | 3219.4 | 3208.6 | 3129.3 | 2980.2 | 2775.1 | 2566.8 | 2357.1 | 2203.3 |
| 35°   | 2717.6 | 2817.0 | 2939.8 | 2986.4 | 3031.4 | 3073.4 | 2995.7 | 2817.0 | 2576.2 | 2354.0 | 2169.1 |
| 37.5° | 2237.4 | 2327.6 | 2531.1 | 2624.3 | 2677.2 | 2843.4 | 2907.1 | 2810.8 | 2594.8 | 2357.1 | 2136.5 |
| 40°   | 1805.5 | 1948.4 | 2094.5 | 2220.4 | 2302.7 | 2489.2 | 2686.5 | 2708.2 | 2568.4 | 2327.6 | 2094.5 |
| 42.5° | 1519.6 | 1603.5 | 1713.8 | 1830.4 | 1903.4 | 2124.0 | 2391.3 | 2548.2 | 2486.1 | 2279.4 | 2043.2 |
| 45°   | 1294.3 | 1356.5 | 1460.6 | 1499.4 | 1592.6 | 1803.9 | 2086.7 | 2313.6 | 2344.7 | 2203.3 | 1984.2 |
| 47.5° | 1111.0 | 1163.8 | 1230.6 | 1278.8 | 1353.3 | 1511.8 | 1751.1 | 2001.3 | 2150.4 | 2099.2 | 1901.8 |
| 50°   | 978.9  | 1022.4 | 1078.3 | 1106.3 | 1154.5 | 1297.4 | 1477.6 | 1726.3 | 1926.7 | 1943.8 | 1794.6 |
| 52.5° | 868.6  | 893.4  | 936.9  | 968.0  | 1006.9 | 1093.9 | 1257.0 | 1462.1 | 1687.4 | 1780.6 | 1662.5 |
| 55°   | 772.2  | 792.4  | 831.3  | 851.5  | 871.7  | 946.3  | 1073.7 | 1260.1 | 1471.4 | 1594.2 | 1527.4 |
| 57.5° | 685.2  | 702.3  | 734.9  | 753.6  | 764.5  | 835.9  | 933.8  | 1079.9 | 1269.4 | 1418.6 | 1381.3 |
| 60°   | 613.7  | 629.3  | 647.9  | 661.9  | 674.3  | 733.4  | 801.8  | 919.8  | 1089.2 | 1233.7 | 1224.4 |
| 62.5° | 537.6  | 551.6  | 571.8  | 585.8  | 596.7  | 633.9  | 691.4  | 781.6  | 926.1  | 1059.7 | 1086.1 |
| 65°   | 470.8  | 481.7  | 495.7  | 501.9  | 515.9  | 543.8  | 590.4  | 671.2  | 789.3  | 909.0  | 927.6  |
| 67.5° | 410.2  | 413.3  | 422.6  | 436.6  | 439.7  | 464.6  | 506.5  | 567.1  | 658.8  | 756.7  | 786.2  |
| 70°   | 344.9  | 349.6  | 357.4  | 368.2  | 374.5  | 390.0  | 425.7  | 466.1  | 545.4  | 630.8  | 652.6  |
| 72.5° | 287.4  | 293.7  | 296.8  | 303.0  | 306.1  | 331.0  | 346.5  | 386.9  | 441.3  | 512.7  | 536.1  |
| 75°   | 233.1  | 239.3  | 240.8  | 243.9  | 247.1  | 257.9  | 279.7  | 304.5  | 349.6  | 396.2  | 427.3  |
| 77.5° | 184.9  | 183.3  | 186.5  | 191.1  | 189.6  | 198.9  | 212.9  | 234.6  | 264.1  | 303.0  | 323.2  |
| 80°   | 130.5  | 130.5  | 135.2  | 139.8  | 138.3  | 147.6  | 152.3  | 167.8  | 192.7  | 217.5  | 225.3  |
| 82.5° | 87.0   | 87.0   | 91.7   | 91.7   | 94.8   | 96.3   | 102.5  | 110.3  | 130.5  | 142.9  | 147.6  |
| 85°   | 49.7   | 49.7   | 51.3   | 51.3   | 51.3   | 54.4   | 59.0   | 62.2   | 68.4   | 76.1   | 79.2   |
| 87.5° | 20.2   | 21.8   | 21.8   | 21.8   | 21.8   | 24.9   | 24.9   | 28.0   | 29.5   | 32.6   | 32.6   |
| 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):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1883.2 | 1875.4 | 1866.1 | 1866.1 | 1855.2 | 1850.6 | 1841.2 | 1838.1 | 1830.4 | 1817.9 | 1808.6 |
| 5°    | 1950.0 | 1929.8 | 1917.4 | 1906.5 | 1883.2 | 1866.1 | 1849.0 | 1830.4 | 1811.7 | 1790.0 | 1765.1 |
| 7.5°  | 2015.3 | 1978.0 | 1960.9 | 1942.2 | 1908.0 | 1872.3 | 1838.1 | 1813.3 | 1788.4 | 1754.2 | 1723.1 |
| 10°   | 2083.6 | 2037.0 | 2005.9 | 1981.1 | 1928.2 | 1883.2 | 1833.5 | 1797.7 | 1758.9 | 1715.4 | 1675.0 |
| 12.5° | 2141.1 | 2080.5 | 2054.1 | 2007.5 | 1946.9 | 1892.5 | 1830.4 | 1776.0 | 1724.7 | 1673.4 | 1623.7 |
| 15°   | 2189.3 | 2131.8 | 2066.5 | 2047.9 | 1964.0 | 1886.3 | 1816.4 | 1746.5 | 1682.7 | 1631.5 | 1574.0 |
| 17.5° | 2204.8 | 2131.8 | 2099.2 | 2054.1 | 1954.7 | 1873.9 | 1785.3 | 1709.2 | 1648.6 | 1572.4 | 1527.4 |
| 20°   | 2209.5 | 2139.6 | 2094.5 | 2052.5 | 1964.0 | 1856.8 | 1769.8 | 1676.5 | 1603.5 | 1527.4 | 1455.9 |
| 22.5° | 2197.0 | 2114.7 | 2071.2 | 2030.8 | 1931.4 | 1839.7 | 1738.7 | 1636.1 | 1550.7 | 1480.8 | 1409.3 |
| 25°   | 2173.7 | 2077.4 | 2035.5 | 1991.9 | 1897.2 | 1796.2 | 1685.9 | 1588.0 | 1508.7 | 1424.8 | 1354.9 |
| 27.5° | 2142.7 | 2032.3 | 1984.2 | 1939.1 | 1845.9 | 1751.1 | 1647.0 | 1546.0 | 1457.4 | 1368.9 | 1303.6 |
| 30°   | 2103.8 | 1976.4 | 1932.9 | 1873.9 | 1783.7 | 1693.6 | 1598.8 | 1497.8 | 1398.4 | 1314.5 | 1243.0 |
| 32.5° | 2054.1 | 1920.5 | 1863.0 | 1807.0 | 1709.2 | 1626.8 | 1536.7 | 1441.9 | 1345.6 | 1263.2 | 1188.6 |
| 35°   | 2009.0 | 1856.8 | 1793.1 | 1737.1 | 1628.4 | 1541.4 | 1466.8 | 1378.2 | 1292.7 | 1207.3 | 1140.5 |
| 37.5° | 1948.4 | 1793.1 | 1716.9 | 1659.4 | 1549.1 | 1460.6 | 1390.6 | 1322.3 | 1232.1 | 1149.8 | 1087.6 |
| 40°   | 1884.7 | 1713.8 | 1642.3 | 1584.9 | 1469.9 | 1373.5 | 1306.7 | 1246.1 | 1173.1 | 1097.0 | 1031.7 |
| 42.5° | 1827.2 | 1637.7 | 1561.6 | 1491.6 | 1375.1 | 1289.6 | 1221.3 | 1174.7 | 1107.8 | 1039.5 | 980.4  |
| 45°   | 1754.2 | 1556.9 | 1474.5 | 1401.5 | 1289.6 | 1196.4 | 1131.2 | 1093.9 | 1044.1 | 977.3  | 926.1  |
| 47.5° | 1679.6 | 1469.9 | 1384.4 | 1312.9 | 1191.8 | 1109.4 | 1045.7 | 1010.0 | 975.8  | 922.9  | 871.7  |
| 50°   | 1581.8 | 1378.2 | 1300.5 | 1218.2 | 1098.5 | 1014.6 | 961.8  | 926.1  | 899.6  | 862.3  | 818.8  |
| 52.5° | 1474.5 | 1283.4 | 1199.5 | 1128.0 | 1010.0 | 933.8  | 873.2  | 853.0  | 826.6  | 798.6  | 761.4  |
| 55°   | 1361.1 | 1180.9 | 1100.1 | 1030.2 | 921.4  | 843.7  | 794.0  | 772.2  | 752.0  | 730.3  | 705.4  |
| 57.5° | 1247.7 | 1073.7 | 997.5  | 935.4  | 834.4  | 759.8  | 719.4  | 689.9  | 675.9  | 663.5  | 643.3  |
| 60°   | 1106.3 | 958.7  | 899.6  | 843.7  | 744.3  | 675.9  | 637.1  | 615.3  | 602.9  | 596.7  | 587.3  |
| 62.5° | 982.0  | 860.8  | 795.5  | 741.2  | 661.9  | 601.3  | 564.0  | 546.9  | 536.1  | 532.9  | 522.1  |
| 65°   | 849.9  | 745.8  | 694.5  | 647.9  | 579.6  | 525.2  | 494.1  | 473.9  | 466.1  | 464.6  | 464.6  |
| 67.5° | 725.6  | 641.7  | 590.4  | 557.8  | 498.8  | 450.6  | 421.1  | 413.3  | 408.6  | 402.4  | 400.9  |
| 70°   | 609.1  | 542.3  | 497.2  | 469.2  | 416.4  | 380.7  | 357.4  | 344.9  | 344.9  | 340.3  | 337.2  |
| 72.5° | 506.5  | 439.7  | 410.2  | 386.9  | 343.4  | 312.3  | 295.2  | 292.1  | 281.2  | 279.7  | 279.7  |
| 75°   | 396.2  | 346.5  | 326.3  | 306.1  | 273.5  | 251.7  | 237.7  | 230.0  | 223.7  | 223.7  | 225.3  |
| 77.5° | 298.3  | 264.1  | 245.5  | 230.0  | 206.7  | 192.7  | 181.8  | 178.7  | 172.5  | 172.5  | 172.5  |
| 80°   | 211.3  | 192.7  | 178.7  | 166.3  | 149.2  | 136.7  | 130.5  | 124.3  | 124.3  | 122.7  | 124.3  |
| 82.5° | 136.7  | 121.2  | 113.4  | 111.9  | 96.3   | 91.7   | 83.9   | 85.5   | 80.8   | 79.2   | 82.4   |
| 85°   | 79.2   | 71.5   | 62.2   | 59.0   | 52.8   | 46.6   | 43.5   | 45.1   | 43.5   | 42.0   | 43.5   |
| 87.5° | 31.1   | 26.4   | 24.9   | 24.9   | 20.2   | 18.6   | 17.1   | 18.6   | 15.5   | 15.5   | 17.1   |
| 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°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1805.5 | 1802.4 | 1794.6 | 1790.0 | 1774.4 | 1755.8 | 1749.6 | 1734.0 | 1740.2 | 1729.4 | 1729.4 |
| 5°    | 1757.3 | 1743.3 | 1734.0 | 1720.0 | 1690.5 | 1670.3 | 1648.6 | 1637.7 | 1631.5 | 1623.7 | 1617.5 |
| 7.5°  | 1695.2 | 1684.3 | 1675.0 | 1648.6 | 1615.9 | 1588.0 | 1561.6 | 1550.7 | 1530.5 | 1516.5 | 1510.3 |
| 10°   | 1640.8 | 1625.3 | 1603.5 | 1572.4 | 1538.2 | 1502.5 | 1479.2 | 1455.9 | 1440.4 | 1432.6 | 1415.5 |
| 12.5° | 1584.9 | 1566.2 | 1542.9 | 1497.8 | 1460.6 | 1438.8 | 1396.9 | 1375.1 | 1367.3 | 1361.1 | 1340.9 |
| 15°   | 1527.4 | 1507.2 | 1479.2 | 1437.2 | 1404.6 | 1353.3 | 1328.5 | 1311.4 | 1292.7 | 1291.2 | 1275.7 |
| 17.5° | 1476.1 | 1451.2 | 1427.9 | 1376.7 | 1336.3 | 1291.2 | 1277.2 | 1258.6 | 1241.5 | 1222.8 | 1215.1 |
| 20°   | 1410.8 | 1387.5 | 1370.4 | 1314.5 | 1269.4 | 1241.5 | 1218.2 | 1202.6 | 1191.8 | 1173.1 | 1170.0 |
| 22.5° | 1351.8 | 1326.9 | 1303.6 | 1261.7 | 1222.8 | 1187.1 | 1159.1 | 1142.0 | 1137.4 | 1129.6 | 1115.6 |
| 25°   | 1294.3 | 1269.4 | 1241.5 | 1202.6 | 1162.2 | 1137.4 | 1112.5 | 1101.6 | 1092.3 | 1079.9 | 1069.0 |
| 27.5° | 1246.1 | 1222.8 | 1196.4 | 1148.2 | 1114.1 | 1095.4 | 1069.0 | 1056.6 | 1044.1 | 1037.9 | 1033.3 |
| 30°   | 1188.6 | 1162.2 | 1142.0 | 1104.7 | 1067.4 | 1042.6 | 1023.9 | 1013.1 | 1002.2 | 996.0  | 992.9  |
| 32.5° | 1132.7 | 1107.8 | 1093.9 | 1053.5 | 1023.9 | 994.4  | 980.4  | 972.7  | 966.5  | 960.2  | 954.0  |
| 35°   | 1087.6 | 1062.8 | 1041.0 | 1003.7 | 974.2  | 954.0  | 943.1  | 930.7  | 926.1  | 919.8  | 919.8  |
| 37.5° | 1031.7 | 1013.1 | 991.3  | 955.6  | 929.2  | 913.6  | 904.3  | 888.8  | 887.2  | 884.1  | 879.4  |
| 40°   | 983.5  | 964.9  | 944.7  | 913.6  | 890.3  | 871.7  | 859.2  | 851.5  | 846.8  | 843.7  | 840.6  |
| 42.5° | 932.3  | 912.1  | 902.7  | 867.0  | 846.8  | 828.2  | 822.0  | 814.2  | 812.6  | 806.4  | 798.6  |
| 45°   | 882.5  | 865.5  | 846.8  | 820.4  | 803.3  | 787.8  | 778.4  | 772.2  | 764.5  | 762.9  | 758.2  |
| 47.5° | 839.0  | 818.8  | 801.8  | 776.9  | 758.2  | 745.8  | 738.0  | 730.3  | 724.1  | 719.4  | 714.7  |
| 50°   | 783.1  | 767.6  | 753.6  | 727.2  | 711.6  | 699.2  | 688.3  | 682.1  | 675.9  | 675.9  | 675.9  |
| 52.5° | 728.7  | 714.7  | 702.3  | 683.7  | 665.0  | 654.1  | 641.7  | 637.1  | 633.9  | 629.3  | 633.9  |
| 55°   | 675.9  | 661.9  | 649.5  | 635.5  | 613.7  | 604.4  | 592.0  | 587.3  | 588.9  | 588.9  | 593.5  |
| 57.5° | 620.0  | 609.1  | 601.3  | 584.2  | 564.0  | 554.7  | 546.9  | 542.3  | 542.3  | 548.5  | 550.0  |
| 60°   | 565.6  | 554.7  | 540.7  | 525.2  | 512.7  | 501.9  | 497.2  | 498.8  | 498.8  | 501.9  | 509.6  |
| 62.5° | 505.0  | 498.8  | 491.0  | 469.2  | 461.5  | 453.7  | 447.5  | 452.2  | 450.6  | 458.4  | 469.2  |
| 65°   | 449.0  | 442.8  | 432.0  | 421.1  | 411.8  | 404.0  | 402.4  | 404.0  | 407.1  | 414.9  | 427.3  |
| 67.5° | 386.9  | 386.9  | 377.6  | 368.2  | 360.5  | 352.7  | 354.3  | 355.8  | 358.9  | 368.2  | 386.9  |
| 70°   | 335.6  | 329.4  | 320.1  | 313.9  | 307.6  | 304.5  | 301.4  | 307.6  | 317.0  | 323.2  | 337.2  |
| 72.5° | 279.7  | 275.0  | 267.3  | 261.0  | 259.5  | 256.4  | 254.8  | 257.9  | 267.3  | 278.1  | 293.7  |
| 75°   | 220.6  | 222.2  | 217.5  | 212.9  | 212.9  | 208.2  | 211.3  | 211.3  | 220.6  | 231.5  | 243.9  |
| 77.5° | 170.9  | 169.4  | 167.8  | 164.7  | 163.1  | 163.1  | 163.1  | 166.3  | 175.6  | 181.8  | 194.2  |
| 80°   | 121.2  | 122.7  | 118.1  | 119.6  | 118.1  | 119.6  | 119.6  | 125.9  | 130.5  | 138.3  | 147.6  |
| 82.5° | 80.8   | 80.8   | 77.7   | 79.2   | 79.2   | 79.2   | 80.8   | 83.9   | 90.1   | 96.3   | 102.5  |
| 85°   | 45.1   | 46.6   | 43.5   | 46.6   | 46.6   | 46.6   | 48.2   | 49.7   | 54.4   | 55.9   | 62.2   |
| 87.5° | 17.1   | 20.2   | 20.2   | 17.1   | 18.6   | 20.2   | 21.8   | 20.2   | 23.3   | 26.4   | 28.0   |
| 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°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1735.6 | 1724.7 | 1723.1 | 1726.3 | 1720.0 | 1729.4 | 1726.3 | 1729.4 | 1721.6 | 1729.4 | 1724.7 |
| 5°    | 1615.9 | 1612.8 | 1606.6 | 1598.8 | 1600.4 | 1602.0 | 1609.7 | 1602.0 | 1608.2 | 1609.7 | 1617.5 |
| 7.5°  | 1504.1 | 1497.8 | 1502.5 | 1499.4 | 1485.4 | 1482.3 | 1485.4 | 1490.1 | 1499.4 | 1505.6 | 1510.3 |
| 10°   | 1413.9 | 1410.8 | 1404.6 | 1400.0 | 1392.2 | 1387.5 | 1393.7 | 1387.5 | 1400.0 | 1410.8 | 1410.8 |
| 12.5° | 1345.6 | 1333.1 | 1325.4 | 1323.8 | 1306.7 | 1309.8 | 1316.1 | 1320.7 | 1334.7 | 1340.9 | 1340.9 |
| 15°   | 1274.1 | 1264.8 | 1261.7 | 1255.5 | 1249.2 | 1255.5 | 1252.3 | 1257.0 | 1263.2 | 1269.4 | 1272.5 |
| 17.5° | 1212.0 | 1210.4 | 1212.0 | 1196.4 | 1201.1 | 1193.3 | 1194.9 | 1202.6 | 1198.0 | 1202.6 | 1212.0 |
| 20°   | 1156.0 | 1159.1 | 1154.5 | 1148.2 | 1148.2 | 1138.9 | 1149.8 | 1146.7 | 1148.2 | 1157.6 | 1171.6 |
| 22.5° | 1114.1 | 1112.5 | 1107.8 | 1103.2 | 1097.0 | 1098.5 | 1100.1 | 1097.0 | 1109.4 | 1117.2 | 1118.7 |
| 25°   | 1069.0 | 1065.9 | 1064.3 | 1059.7 | 1053.5 | 1059.7 | 1058.1 | 1059.7 | 1062.8 | 1075.2 | 1065.9 |
| 27.5° | 1027.1 | 1020.8 | 1023.9 | 1019.3 | 1017.7 | 1019.3 | 1019.3 | 1020.8 | 1023.9 | 1025.5 | 1027.1 |
| 30°   | 991.3  | 985.1  | 983.5  | 980.4  | 978.9  | 980.4  | 983.5  | 980.4  | 992.9  | 991.3  | 991.3  |
| 32.5° | 952.5  | 947.8  | 944.7  | 944.7  | 943.1  | 941.6  | 943.1  | 944.7  | 954.0  | 947.8  | 954.0  |
| 35°   | 915.2  | 912.1  | 912.1  | 909.0  | 907.4  | 907.4  | 907.4  | 913.6  | 910.5  | 915.2  | 915.2  |
| 37.5° | 879.4  | 879.4  | 877.9  | 874.8  | 873.2  | 874.8  | 873.2  | 876.3  | 874.8  | 876.3  | 877.9  |
| 40°   | 842.2  | 839.0  | 837.5  | 837.5  | 832.8  | 828.2  | 832.8  | 832.8  | 834.4  | 839.0  | 840.6  |
| 42.5° | 797.1  | 798.6  | 798.6  | 792.4  | 792.4  | 792.4  | 794.0  | 795.5  | 795.5  | 798.6  | 798.6  |
| 45°   | 758.2  | 755.1  | 755.1  | 755.1  | 752.0  | 753.6  | 756.7  | 756.7  | 756.7  | 756.7  | 753.6  |
| 47.5° | 714.7  | 714.7  | 716.3  | 716.3  | 721.0  | 719.4  | 719.4  | 717.8  | 714.7  | 714.7  | 716.3  |
| 50°   | 674.3  | 679.0  | 680.6  | 680.6  | 682.1  | 683.7  | 683.7  | 680.6  | 679.0  | 674.3  | 674.3  |
| 52.5° | 635.5  | 638.6  | 641.7  | 646.4  | 649.5  | 647.9  | 647.9  | 644.8  | 638.6  | 637.1  | 635.5  |
| 55°   | 593.5  | 598.2  | 604.4  | 609.1  | 613.7  | 615.3  | 615.3  | 609.1  | 602.9  | 595.1  | 595.1  |
| 57.5° | 554.7  | 559.4  | 570.2  | 574.9  | 581.1  | 581.1  | 578.0  | 573.3  | 564.0  | 557.8  | 553.1  |
| 60°   | 515.9  | 523.6  | 531.4  | 540.7  | 548.5  | 550.0  | 545.4  | 539.2  | 528.3  | 520.5  | 514.3  |
| 62.5° | 473.9  | 481.7  | 497.2  | 506.5  | 512.7  | 512.7  | 512.7  | 505.0  | 491.0  | 480.1  | 470.8  |
| 65°   | 433.5  | 441.3  | 455.3  | 467.7  | 472.3  | 477.0  | 472.3  | 464.6  | 453.7  | 441.3  | 432.0  |
| 67.5° | 391.6  | 400.9  | 414.9  | 424.2  | 430.4  | 435.1  | 432.0  | 425.7  | 411.8  | 394.7  | 388.4  |
| 70°   | 344.9  | 349.6  | 369.8  | 379.1  | 388.4  | 391.6  | 388.4  | 379.1  | 365.1  | 346.5  | 340.3  |
| 72.5° | 301.4  | 306.1  | 324.7  | 332.5  | 340.3  | 343.4  | 338.7  | 332.5  | 320.1  | 303.0  | 295.2  |
| 75°   | 251.7  | 259.5  | 268.8  | 281.2  | 290.6  | 293.7  | 289.0  | 284.3  | 268.8  | 257.9  | 251.7  |
| 77.5° | 198.9  | 206.7  | 219.1  | 230.0  | 239.3  | 237.7  | 231.5  | 233.1  | 216.0  | 203.5  | 198.9  |
| 80°   | 150.7  | 156.9  | 166.3  | 175.6  | 180.2  | 180.2  | 178.7  | 172.5  | 166.3  | 156.9  | 149.2  |
| 82.5° | 104.1  | 111.9  | 119.6  | 125.9  | 125.9  | 127.4  | 124.3  | 122.7  | 116.5  | 108.8  | 107.2  |
| 85°   | 62.2   | 63.7   | 69.9   | 69.9   | 76.1   | 73.0   | 71.5   | 76.1   | 69.9   | 65.3   | 63.7   |
| 87.5° | 28.0   | 26.4   | 28.0   | 28.0   | 26.4   | 29.5   | 29.5   | 28.0   | 29.5   | 28.0   | 28.0   |
| 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):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1738.7 | 1729.4 | 1740.2 | 1726.3 | 1729.4 | 1746.5 | 1744.9 | 1760.4 | 1769.8 | 1768.2 | 1776.0 |
| 5°    | 1623.7 | 1623.7 | 1628.4 | 1626.8 | 1642.3 | 1656.3 | 1675.0 | 1690.5 | 1707.6 | 1716.9 | 1727.8 |
| 7.5°  | 1510.3 | 1525.8 | 1528.9 | 1536.7 | 1555.3 | 1578.6 | 1597.3 | 1620.6 | 1645.5 | 1662.5 | 1675.0 |
| 10°   | 1417.0 | 1429.5 | 1441.9 | 1448.1 | 1468.3 | 1499.4 | 1525.8 | 1563.1 | 1594.2 | 1612.8 | 1629.9 |
| 12.5° | 1334.7 | 1348.7 | 1354.9 | 1382.9 | 1396.9 | 1417.0 | 1454.3 | 1494.7 | 1528.9 | 1549.1 | 1563.1 |
| 15°   | 1275.7 | 1283.4 | 1297.4 | 1314.5 | 1328.5 | 1353.3 | 1384.4 | 1429.5 | 1462.1 | 1479.2 | 1527.4 |
| 17.5° | 1225.9 | 1235.3 | 1243.0 | 1250.8 | 1272.5 | 1299.0 | 1328.5 | 1367.3 | 1409.3 | 1438.8 | 1463.7 |
| 20°   | 1174.7 | 1179.3 | 1188.6 | 1201.1 | 1216.6 | 1241.5 | 1267.9 | 1308.3 | 1345.6 | 1368.9 | 1401.5 |
| 22.5° | 1114.1 | 1128.0 | 1137.4 | 1146.7 | 1163.8 | 1191.8 | 1216.6 | 1246.1 | 1292.7 | 1319.2 | 1353.3 |
| 25°   | 1078.3 | 1084.5 | 1090.8 | 1101.6 | 1114.1 | 1138.9 | 1166.9 | 1198.0 | 1235.3 | 1263.2 | 1292.7 |
| 27.5° | 1031.7 | 1041.0 | 1048.8 | 1062.8 | 1070.6 | 1090.8 | 1117.2 | 1148.2 | 1193.3 | 1216.6 | 1241.5 |
| 30°   | 992.9  | 1002.2 | 1008.4 | 1014.6 | 1025.5 | 1047.2 | 1072.1 | 1097.0 | 1138.9 | 1168.4 | 1193.3 |
| 32.5° | 954.0  | 963.3  | 971.1  | 975.8  | 986.7  | 1000.6 | 1020.8 | 1051.9 | 1087.6 | 1107.8 | 1140.5 |
| 35°   | 919.8  | 919.8  | 929.2  | 935.4  | 944.7  | 957.1  | 975.8  | 999.1  | 1036.4 | 1062.8 | 1092.3 |
| 37.5° | 881.0  | 882.5  | 890.3  | 895.0  | 904.3  | 916.7  | 935.4  | 957.1  | 988.2  | 1008.4 | 1037.9 |
| 40°   | 840.6  | 845.3  | 848.4  | 856.1  | 867.0  | 871.7  | 890.3  | 915.2  | 946.3  | 964.9  | 989.8  |
| 42.5° | 800.2  | 803.3  | 811.1  | 817.3  | 826.6  | 834.4  | 846.8  | 870.1  | 893.4  | 921.4  | 941.6  |
| 45°   | 755.1  | 762.9  | 767.6  | 778.4  | 783.1  | 790.9  | 803.3  | 822.0  | 849.9  | 867.0  | 890.3  |
| 47.5° | 716.3  | 719.4  | 722.5  | 736.5  | 745.8  | 750.5  | 762.9  | 773.8  | 803.3  | 818.8  | 840.6  |
| 50°   | 674.3  | 674.3  | 679.0  | 685.2  | 696.1  | 705.4  | 716.3  | 728.7  | 752.0  | 767.6  | 789.3  |
| 52.5° | 635.5  | 630.8  | 633.9  | 637.1  | 647.9  | 657.3  | 668.1  | 685.2  | 707.0  | 716.3  | 734.9  |
| 55°   | 593.5  | 585.8  | 590.4  | 595.1  | 598.2  | 610.6  | 623.1  | 633.9  | 651.0  | 665.0  | 682.1  |
| 57.5° | 548.5  | 546.9  | 543.8  | 545.4  | 553.1  | 560.9  | 570.2  | 584.2  | 604.4  | 615.3  | 624.6  |
| 60°   | 508.1  | 498.8  | 495.7  | 498.8  | 503.4  | 508.1  | 520.5  | 532.9  | 550.0  | 560.9  | 571.8  |
| 62.5° | 466.1  | 456.8  | 450.6  | 445.9  | 450.6  | 461.5  | 469.2  | 478.6  | 492.5  | 505.0  | 514.3  |
| 65°   | 425.7  | 411.8  | 405.5  | 402.4  | 400.9  | 408.6  | 414.9  | 427.3  | 439.7  | 444.4  | 455.3  |
| 67.5° | 380.7  | 368.2  | 360.5  | 355.8  | 355.8  | 355.8  | 362.0  | 374.5  | 386.9  | 388.4  | 399.3  |
| 70°   | 335.6  | 321.6  | 313.9  | 307.6  | 304.5  | 307.6  | 315.4  | 317.0  | 327.8  | 331.0  | 337.2  |
| 72.5° | 287.4  | 275.0  | 265.7  | 257.9  | 259.5  | 262.6  | 262.6  | 265.7  | 271.9  | 279.7  | 279.7  |
| 75°   | 242.4  | 225.3  | 220.6  | 214.4  | 211.3  | 211.3  | 211.3  | 217.5  | 222.2  | 228.4  | 226.9  |
| 77.5° | 191.1  | 181.8  | 172.5  | 169.4  | 164.7  | 163.1  | 166.3  | 166.3  | 169.4  | 174.0  | 175.6  |
| 80°   | 147.6  | 136.7  | 130.5  | 127.4  | 121.2  | 119.6  | 121.2  | 121.2  | 125.9  | 124.3  | 125.9  |
| 82.5° | 102.5  | 94.8   | 90.1   | 85.5   | 82.4   | 83.9   | 82.4   | 82.4   | 83.9   | 82.4   | 82.4   |
| 85°   | 59.0   | 57.5   | 54.4   | 52.8   | 51.3   | 48.2   | 51.3   | 49.7   | 48.2   | 46.6   | 49.7   |
| 87.5° | 28.0   | 26.4   | 26.4   | 23.3   | 23.3   | 21.8   | 23.3   | 23.3   | 21.8   | 21.8   | 21.8   |
| 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: P1037965

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**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1830.4 | 1830.4 | 1830.4 | 1830.4 |
| 2.5°  | 1786.9 | 1802.4 | 1813.3 | 1833.5 |
| 5°    | 1746.5 | 1774.4 | 1800.8 | 1828.8 |
| 7.5°  | 1706.1 | 1738.7 | 1780.6 | 1816.4 |
| 10°   | 1661.0 | 1702.9 | 1752.7 | 1800.8 |
| 12.5° | 1615.9 | 1665.7 | 1720.0 | 1783.7 |
| 15°   | 1561.6 | 1625.3 | 1689.0 | 1757.3 |
| 17.5° | 1513.4 | 1578.6 | 1647.0 | 1732.5 |
| 20°   | 1459.0 | 1530.5 | 1605.1 | 1692.1 |
| 22.5° | 1410.8 | 1490.1 | 1567.8 | 1659.4 |
| 25°   | 1356.5 | 1434.1 | 1519.6 | 1617.5 |
| 27.5° | 1311.4 | 1382.9 | 1466.8 | 1572.4 |
| 30°   | 1257.0 | 1334.7 | 1418.6 | 1524.3 |
| 32.5° | 1205.7 | 1280.3 | 1368.9 | 1473.0 |
| 35°   | 1152.9 | 1229.0 | 1308.3 | 1407.7 |
| 37.5° | 1103.2 | 1168.4 | 1247.7 | 1342.5 |
| 40°   | 1047.2 | 1118.7 | 1190.2 | 1264.8 |
| 42.5° | 996.0  | 1061.2 | 1128.0 | 1187.1 |
| 45°   | 938.5  | 994.4  | 1058.1 | 1106.3 |
| 47.5° | 885.7  | 935.4  | 985.1  | 1022.4 |
| 50°   | 832.8  | 871.7  | 909.0  | 941.6  |
| 52.5° | 770.7  | 814.2  | 834.4  | 854.6  |
| 55°   | 714.7  | 739.6  | 758.2  | 778.4  |
| 57.5° | 660.4  | 671.2  | 680.6  | 699.2  |
| 60°   | 588.9  | 601.3  | 612.2  | 626.2  |
| 62.5° | 526.7  | 532.9  | 536.1  | 550.0  |
| 65°   | 467.7  | 466.1  | 473.9  | 481.7  |
| 67.5° | 404.0  | 402.4  | 410.2  | 413.3  |
| 70°   | 341.8  | 340.3  | 341.8  | 349.6  |
| 72.5° | 282.8  | 282.8  | 284.3  | 287.4  |
| 75°   | 228.4  | 228.4  | 230.0  | 233.1  |
| 77.5° | 172.5  | 175.6  | 174.0  | 180.2  |
| 80°   | 125.9  | 122.7  | 125.9  | 129.0  |
| 82.5° | 82.4   | 85.5   | 85.5   | 82.4   |
| 85°   | 46.6   | 46.6   | 46.6   | 46.6   |
| 87.5° | 20.2   | 20.2   | 21.8   | 23.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)