

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: P996359

Luminaire Tested: S123RDRP-B1165DB2750-4F0-XX-W2A-A\_3000K

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P996359  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDRP-B1165DB2750-4F0-XX-W2A-A\_3000K  
Description: Define 3 Regressed Direct Perimeter with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

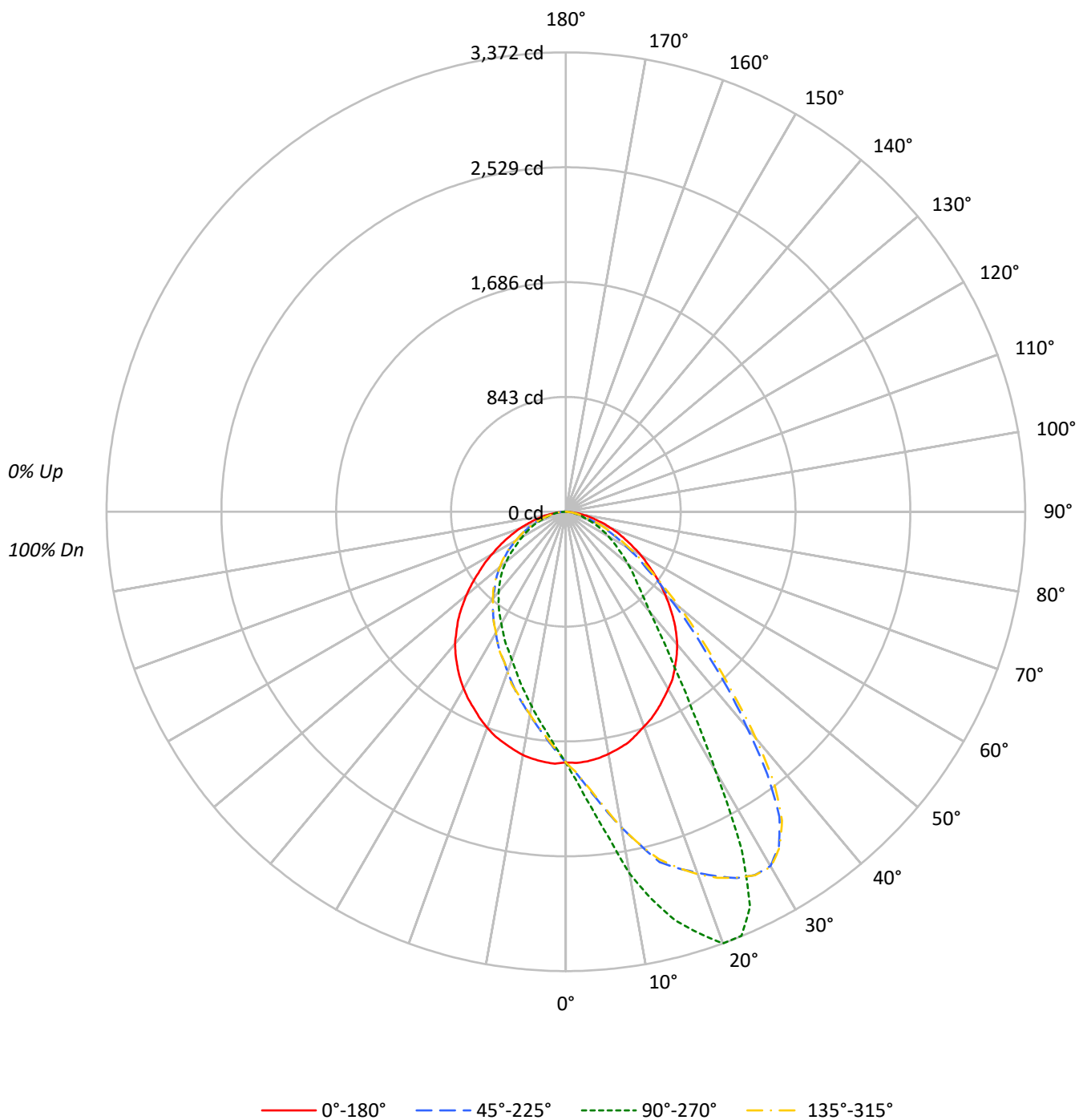
Lumens per Lamp: N/A  
Luminaire Lumens: 4582.0 lumens  
Efficiency: N/A  
Efficacy: 74.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

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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CATALOG NUMBER: S123RDRP-B1165DB2750-4F0-XX-W2A-A\_3000K

### Luminous Intensity Polar Plot



TEST NUMBER: P996359

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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  |  | 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 | 99  | 108 | 104 | 100 | 97  | 100 | 97  | 94  |  | 96  | 93  | 91  |  | 92  | 90  | 89  |  | 87  |
| 2   | 101 | 94  | 88  | 83  | 99  | 92  | 87  | 82  | 89  | 84  | 80  |  | 86  | 82  | 78  |  | 83  | 79  | 77  |  | 74  |
| 3   | 93  | 84  | 76  | 71  | 91  | 82  | 75  | 70  | 79  | 74  | 69  |  | 77  | 72  | 68  |  | 74  | 70  | 66  |  | 64  |
| 4   | 86  | 75  | 67  | 61  | 84  | 74  | 66  | 61  | 71  | 65  | 60  |  | 69  | 64  | 59  |  | 67  | 62  | 58  |  | 56  |
| 5   | 80  | 68  | 60  | 53  | 78  | 67  | 59  | 53  | 65  | 58  | 53  |  | 63  | 57  | 52  |  | 61  | 56  | 52  |  | 50  |
| 6   | 74  | 62  | 53  | 47  | 72  | 61  | 53  | 47  | 59  | 52  | 47  |  | 57  | 51  | 46  |  | 56  | 50  | 46  |  | 44  |
| 7   | 69  | 56  | 48  | 42  | 67  | 55  | 48  | 42  | 54  | 47  | 42  |  | 53  | 46  | 42  |  | 51  | 46  | 41  |  | 39  |
| 8   | 64  | 52  | 44  | 38  | 63  | 51  | 43  | 38  | 50  | 43  | 38  |  | 48  | 42  | 38  |  | 47  | 42  | 37  |  | 36  |
| 9   | 60  | 48  | 40  | 35  | 59  | 47  | 40  | 35  | 46  | 39  | 34  |  | 45  | 39  | 34  |  | 44  | 38  | 34  |  | 32  |
| 10  | 57  | 44  | 37  | 32  | 55  | 44  | 36  | 32  | 43  | 36  | 31  |  | 42  | 36  | 31  |  | 41  | 35  | 31  |  | 29  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 19807 | 19807 | 19807 | 19807 |
| 5°  | 19865 | 23610 | 19917 | 17516 |
| 10° | 19734 | 29480 | 19819 | 15824 |
| 15° | 19575 | 34603 | 19575 | 14431 |
| 20° | 19219 | 38620 | 19328 | 13246 |
| 25° | 18973 | 38002 | 18936 | 12518 |
| 30° | 18681 | 27315 | 18641 | 11768 |
| 35° | 18322 | 18239 | 18239 | 11282 |
| 40° | 17865 | 13437 | 17776 | 10780 |
| 45° | 17028 | 11272 | 17004 | 10289 |
| 50° | 15987 | 9945  | 15935 | 9604  |
| 55° | 14812 | 8723  | 14694 | 8663  |
| 60° | 13668 | 7767  | 13532 | 7937  |
| 65° | 12320 | 6821  | 12399 | 7384  |
| 70° | 11106 | 5353  | 11405 | 6744  |
| 75° | 9632  | 4716  | 10023 | 6159  |
| 80° | 8009  | 4104  | 8691  | 6056  |
| 85° | 6422  | 3310  | 7003  | 6422  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 32304 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 180.7  | 3.9       |
| 10°-20°   | 565.7  | 12.3      |
| 20°-30°   | 890.9  | 19.4      |
| 30°-40°   | 926.4  | 20.2      |
| 40°-50°   | 792.6  | 17.3      |
| 50°-60°   | 604.3  | 13.2      |
| 60°-70°   | 387.1  | 8.4       |
| 70°-80°   | 185.5  | 4.0       |
| 80°-90°   | 48.8   | 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°    | 1637.3 | 35.7      |
| 0°-40°    | 2563.8 | 56.0      |
| 0°-60°    | 3960.6 | 86.4      |
| 0°-90°    | 4582.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 4582.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 1840 | 1840 | 1840 | 1840 | 1840 |      |
| 5°  | 1838 | 2185 | 1843 | 1621 | 1838 | 174  |
| 15° | 1757 | 3105 | 1757 | 1295 | 1757 | 494  |
| 25° | 1598 | 3200 | 1594 | 1054 | 1598 | 736  |
| 35° | 1394 | 1388 | 1388 | 859  | 1394 | 873  |
| 45° | 1119 | 740  | 1117 | 676  | 1119 | 861  |
| 55° | 789  | 465  | 783  | 462  | 789  | 707  |
| 65° | 484  | 268  | 487  | 290  | 484  | 483  |
| 75° | 232  | 113  | 241  | 148  | 232  | 250  |
| 85° | 52   | 27   | 57   | 52   | 52   | 61   |
| 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°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1844.8 | 1857.4 | 1866.9 | 1873.2 | 1889.0 | 1898.4 | 1906.3 | 1920.5 | 1920.5 | 1923.6 | 1929.9 |
| 5°    | 1838.5 | 1865.3 | 1884.2 | 1909.4 | 1942.5 | 1958.3 | 1980.3 | 1999.2 | 2026.0 | 2040.2 | 2054.4 |
| 7.5°  | 1824.4 | 1862.2 | 1901.6 | 1939.4 | 1988.2 | 2019.7 | 2041.8 | 2090.6 | 2125.3 | 2167.8 | 2200.9 |
| 10°   | 1805.5 | 1857.4 | 1907.9 | 1966.2 | 2032.3 | 2079.6 | 2112.7 | 2177.3 | 2243.4 | 2303.3 | 2353.7 |
| 12.5° | 1781.8 | 1844.8 | 1917.3 | 1988.2 | 2081.2 | 2128.4 | 2182.0 | 2262.3 | 2356.9 | 2432.5 | 2500.2 |
| 15°   | 1756.6 | 1829.1 | 1911.0 | 1997.7 | 2114.2 | 2180.4 | 2257.6 | 2355.3 | 2460.8 | 2569.6 | 2662.5 |
| 17.5° | 1717.2 | 1808.6 | 1900.0 | 2026.0 | 2163.1 | 2202.5 | 2268.6 | 2402.6 | 2533.3 | 2631.0 | 2744.4 |
| 20°   | 1677.8 | 1780.3 | 1895.3 | 2008.7 | 2156.8 | 2248.2 | 2309.6 | 2451.4 | 2591.6 | 2709.8 | 2818.5 |
| 22.5° | 1641.6 | 1748.7 | 1868.5 | 2011.8 | 2150.5 | 2241.9 | 2319.1 | 2467.1 | 2629.4 | 2761.8 | 2895.7 |
| 25°   | 1597.5 | 1714.1 | 1846.4 | 1981.9 | 2150.5 | 2219.8 | 2304.9 | 2476.6 | 2648.3 | 2801.1 | 2966.6 |
| 27.5° | 1550.2 | 1668.4 | 1799.2 | 1937.8 | 2092.2 | 2194.6 | 2278.1 | 2462.4 | 2672.0 | 2835.8 | 3005.9 |
| 30°   | 1503.0 | 1624.3 | 1750.3 | 1874.8 | 2048.1 | 2145.8 | 2241.9 | 2445.1 | 2684.6 | 2872.0 | 3002.8 |
| 32.5° | 1457.3 | 1559.7 | 1684.2 | 1805.5 | 1977.2 | 2084.3 | 2193.0 | 2427.8 | 2689.3 | 2846.8 | 2909.8 |
| 35°   | 1394.3 | 1501.4 | 1602.2 | 1731.4 | 1904.7 | 2010.3 | 2137.9 | 2426.2 | 2668.8 | 2766.5 | 2735.0 |
| 37.5° | 1336.0 | 1425.8 | 1521.9 | 1636.9 | 1814.9 | 1952.0 | 2084.3 | 2385.2 | 2601.1 | 2607.4 | 2429.3 |
| 40°   | 1271.4 | 1345.4 | 1425.8 | 1547.1 | 1739.3 | 1874.8 | 2018.1 | 2322.2 | 2478.2 | 2385.2 | 2071.7 |
| 42.5° | 1197.3 | 1263.5 | 1326.5 | 1444.7 | 1654.2 | 1805.5 | 1959.9 | 2243.4 | 2300.1 | 2085.9 | 1759.8 |
| 45°   | 1118.6 | 1172.1 | 1230.4 | 1354.9 | 1564.4 | 1714.1 | 1868.5 | 2122.1 | 2063.8 | 1761.3 | 1451.0 |
| 47.5° | 1036.6 | 1082.3 | 1139.0 | 1252.5 | 1468.3 | 1621.1 | 1767.6 | 1948.8 | 1800.7 | 1476.2 | 1216.2 |
| 50°   | 954.7  | 991.0  | 1046.1 | 1162.7 | 1370.6 | 1509.3 | 1644.8 | 1762.9 | 1555.0 | 1266.7 | 1005.1 |
| 52.5° | 874.4  | 902.7  | 959.4  | 1058.7 | 1260.4 | 1392.7 | 1490.4 | 1536.1 | 1324.9 | 1046.1 | 872.8  |
| 55°   | 789.3  | 820.8  | 858.6  | 959.4  | 1159.5 | 1257.2 | 1321.8 | 1320.2 | 1102.8 | 887.0  | 721.6  |
| 57.5° | 707.4  | 735.7  | 768.8  | 869.6  | 1031.9 | 1098.1 | 1153.2 | 1126.4 | 920.1  | 726.3  | 619.1  |
| 60°   | 634.9  | 650.7  | 686.9  | 772.0  | 894.9  | 951.6  | 983.1  | 937.4  | 751.5  | 612.8  | 512.0  |
| 62.5° | 556.1  | 571.9  | 601.8  | 682.2  | 757.8  | 787.7  | 814.5  | 756.2  | 620.7  | 499.4  | 438.0  |
| 65°   | 483.7  | 504.1  | 523.0  | 587.6  | 628.6  | 664.8  | 661.7  | 612.8  | 485.2  | 406.5  | 356.1  |
| 67.5° | 420.6  | 428.5  | 444.3  | 483.7  | 502.6  | 529.3  | 530.9  | 475.8  | 390.7  | 330.8  | 300.9  |
| 70°   | 352.9  | 360.8  | 371.8  | 390.7  | 403.3  | 409.6  | 406.5  | 357.6  | 294.6  | 258.4  | 231.6  |
| 72.5° | 294.6  | 293.0  | 300.9  | 300.9  | 313.5  | 311.9  | 302.5  | 264.7  | 223.7  | 193.8  | 178.0  |
| 75°   | 231.6  | 233.2  | 234.7  | 231.6  | 226.9  | 220.6  | 212.7  | 184.3  | 157.5  | 143.4  | 129.2  |
| 77.5° | 181.2  | 178.0  | 179.6  | 168.6  | 162.3  | 156.0  | 144.9  | 130.8  | 108.7  | 105.6  | 99.3   |
| 80°   | 129.2  | 127.6  | 126.0  | 121.3  | 107.1  | 100.8  | 93.0   | 85.1   | 80.3   | 77.2   | 75.6   |
| 82.5° | 86.6   | 86.6   | 83.5   | 74.0   | 66.2   | 61.4   | 59.9   | 56.7   | 52.0   | 52.0   | 50.4   |
| 85°   | 52.0   | 50.4   | 47.3   | 37.8   | 33.1   | 33.1   | 33.1   | 33.1   | 29.9   | 29.9   | 28.4   |
| 87.5° | 20.5   | 18.9   | 14.2   | 14.2   | 12.6   | 12.6   | 12.6   | 11.0   | 11.0   | 9.5    | 9.5    |
| 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°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1942.5 | 1942.5 | 1956.7 | 1970.9 | 1963.0 | 1967.7 | 1985.1 | 1978.8 | 1991.4 | 1989.8 | 1994.5 |
| 5°    | 2089.0 | 2106.4 | 2120.5 | 2150.5 | 2155.2 | 2150.5 | 2180.4 | 2188.3 | 2202.5 | 2185.1 | 2193.0 |
| 7.5°  | 2254.5 | 2290.7 | 2325.4 | 2369.5 | 2383.6 | 2386.8 | 2402.6 | 2424.6 | 2443.5 | 2408.9 | 2426.2 |
| 10°   | 2415.2 | 2470.3 | 2541.2 | 2580.6 | 2615.2 | 2627.8 | 2640.4 | 2654.6 | 2676.7 | 2697.2 | 2681.4 |
| 12.5° | 2588.5 | 2668.8 | 2736.5 | 2807.4 | 2850.0 | 2845.3 | 2881.5 | 2890.9 | 2908.3 | 2913.0 | 2919.3 |
| 15°   | 2730.2 | 2843.7 | 2886.2 | 2991.8 | 3001.2 | 3032.7 | 3073.7 | 3109.9 | 3114.7 | 3105.2 | 3105.2 |
| 17.5° | 2865.7 | 2963.4 | 3039.0 | 3124.1 | 3141.4 | 3168.2 | 3220.2 | 3237.5 | 3243.8 | 3242.3 | 3242.3 |
| 20°   | 2976.0 | 3040.6 | 3168.2 | 3239.1 | 3267.5 | 3302.1 | 3338.4 | 3360.4 | 3365.2 | 3371.5 | 3362.0 |
| 22.5° | 3048.5 | 3146.2 | 3250.1 | 3308.4 | 3332.1 | 3344.7 | 3368.3 | 3374.6 | 3366.7 | 3368.3 | 3369.9 |
| 25°   | 3105.2 | 3201.3 | 3264.3 | 3280.1 | 3278.5 | 3262.7 | 3245.4 | 3215.5 | 3212.3 | 3199.7 | 3174.5 |
| 27.5° | 3121.0 | 3157.2 | 3149.3 | 3084.7 | 3020.1 | 3013.8 | 2909.8 | 2853.1 | 2788.5 | 2798.0 | 2761.8 |
| 30°   | 3035.9 | 2988.6 | 2876.8 | 2712.9 | 2645.2 | 2534.9 | 2418.3 | 2297.0 | 2249.7 | 2197.7 | 2293.8 |
| 32.5° | 2827.9 | 2659.4 | 2460.8 | 2248.2 | 2134.7 | 2037.1 | 1912.6 | 1824.4 | 1774.0 | 1731.4 | 1813.3 |
| 35°   | 2514.4 | 2251.3 | 1988.2 | 1786.6 | 1693.6 | 1605.4 | 1488.8 | 1444.7 | 1381.7 | 1388.0 | 1395.8 |
| 37.5° | 2111.1 | 1821.2 | 1622.7 | 1424.2 | 1362.8 | 1326.5 | 1241.5 | 1173.7 | 1151.7 | 1145.3 | 1145.3 |
| 40°   | 1733.0 | 1495.1 | 1318.6 | 1162.7 | 1115.4 | 1085.5 | 1017.7 | 986.2  | 962.6  | 956.3  | 964.2  |
| 42.5° | 1433.7 | 1230.4 | 1093.4 | 989.4  | 956.3  | 918.5  | 890.1  | 850.7  | 846.0  | 835.0  | 849.2  |
| 45°   | 1203.6 | 1027.2 | 924.8  | 849.2  | 820.8  | 806.6  | 775.1  | 751.5  | 742.0  | 740.5  | 751.5  |
| 47.5° | 1020.9 | 883.8  | 794.0  | 746.8  | 724.7  | 710.5  | 683.7  | 674.3  | 664.8  | 668.0  | 663.3  |
| 50°   | 857.0  | 754.6  | 696.3  | 653.8  | 639.6  | 625.5  | 608.1  | 598.7  | 593.9  | 593.9  | 592.4  |
| 52.5° | 735.7  | 650.7  | 612.8  | 573.5  | 567.2  | 559.3  | 540.4  | 534.1  | 526.2  | 524.6  | 530.9  |
| 55°   | 630.2  | 571.9  | 534.1  | 510.4  | 504.1  | 488.4  | 480.5  | 472.6  | 467.9  | 464.8  | 466.3  |
| 57.5° | 538.8  | 494.7  | 469.5  | 449.0  | 438.0  | 431.7  | 417.5  | 415.9  | 412.8  | 412.8  | 411.2  |
| 60°   | 463.2  | 431.7  | 401.7  | 389.1  | 381.3  | 373.4  | 371.8  | 362.4  | 357.6  | 360.8  | 359.2  |
| 62.5° | 392.3  | 367.1  | 349.7  | 335.6  | 330.8  | 324.5  | 319.8  | 316.7  | 311.9  | 313.5  | 313.5  |
| 65°   | 327.7  | 307.2  | 294.6  | 282.0  | 280.4  | 274.1  | 272.6  | 269.4  | 269.4  | 267.8  | 271.0  |
| 67.5° | 269.4  | 255.2  | 244.2  | 236.3  | 231.6  | 233.2  | 226.9  | 222.1  | 222.1  | 220.6  | 225.3  |
| 70°   | 214.3  | 206.4  | 195.4  | 185.9  | 179.6  | 179.6  | 171.7  | 170.1  | 170.1  | 170.1  | 168.6  |
| 72.5° | 165.4  | 151.2  | 146.5  | 143.4  | 143.4  | 143.4  | 140.2  | 140.2  | 138.6  | 140.2  | 138.6  |
| 75°   | 122.9  | 121.3  | 118.2  | 116.6  | 116.6  | 115.0  | 113.4  | 113.4  | 113.4  | 113.4  | 113.4  |
| 77.5° | 96.1   | 96.1   | 93.0   | 91.4   | 91.4   | 91.4   | 89.8   | 89.8   | 88.2   | 88.2   | 88.2   |
| 80°   | 70.9   | 70.9   | 67.7   | 67.7   | 67.7   | 66.2   | 66.2   | 66.2   | 67.7   | 66.2   | 66.2   |
| 82.5° | 48.8   | 48.8   | 47.3   | 48.8   | 47.3   | 45.7   | 45.7   | 45.7   | 44.1   | 45.7   | 45.7   |
| 85°   | 28.4   | 28.4   | 26.8   | 25.2   | 26.8   | 26.8   | 25.2   | 26.8   | 25.2   | 26.8   | 25.2   |
| 87.5° | 11.0   | 9.5    | 9.5    | 9.5    | 7.9    | 9.5    | 7.9    | 7.9    | 9.5    | 7.9    | 9.5    |
| 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):**

|       | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1986.6 | 1977.2 | 1970.9 | 1966.2 | 1961.4 | 1975.6 | 1956.7 | 1936.2 | 1922.0 | 1912.6 | 1909.4 |
| 5°    | 2194.6 | 2174.1 | 2156.8 | 2142.6 | 2145.8 | 2145.8 | 2112.7 | 2076.4 | 2044.9 | 2027.6 | 2008.7 |
| 7.5°  | 2435.6 | 2413.6 | 2378.9 | 2371.0 | 2364.7 | 2325.4 | 2292.3 | 2226.1 | 2186.7 | 2147.3 | 2112.7 |
| 10°   | 2675.1 | 2646.7 | 2613.7 | 2602.6 | 2586.9 | 2538.0 | 2487.6 | 2402.6 | 2353.7 | 2281.2 | 2235.6 |
| 12.5° | 2898.8 | 2864.2 | 2831.1 | 2823.2 | 2799.6 | 2757.0 | 2670.4 | 2582.2 | 2498.7 | 2421.5 | 2341.1 |
| 15°   | 3086.3 | 3076.8 | 3026.4 | 2994.9 | 2942.9 | 2884.6 | 2865.7 | 2746.0 | 2640.4 | 2560.1 | 2415.2 |
| 17.5° | 3243.8 | 3199.7 | 3152.5 | 3132.0 | 3111.5 | 3043.8 | 2976.0 | 2853.1 | 2739.7 | 2621.5 | 2528.6 |
| 20°   | 3369.9 | 3321.0 | 3288.0 | 3258.0 | 3248.6 | 3171.4 | 3064.2 | 2955.5 | 2831.1 | 2698.7 | 2577.4 |
| 22.5° | 3376.2 | 3369.9 | 3347.8 | 3330.5 | 3311.6 | 3261.2 | 3176.1 | 3040.6 | 2908.3 | 2763.3 | 2604.2 |
| 25°   | 3245.4 | 3236.0 | 3299.0 | 3283.2 | 3295.8 | 3276.9 | 3231.2 | 3117.8 | 2963.4 | 2793.3 | 2632.6 |
| 27.5° | 2851.6 | 2947.7 | 3046.9 | 3081.6 | 3105.2 | 3172.9 | 3195.0 | 3132.0 | 3007.5 | 2826.3 | 2646.7 |
| 30°   | 2315.9 | 2443.5 | 2604.2 | 2690.9 | 2757.0 | 2883.1 | 3046.9 | 3067.4 | 3009.1 | 2864.2 | 2643.6 |
| 32.5° | 1818.1 | 1934.6 | 2063.8 | 2166.2 | 2254.5 | 2512.8 | 2733.4 | 2892.5 | 2920.9 | 2845.3 | 2651.5 |
| 35°   | 1465.2 | 1515.6 | 1638.5 | 1736.1 | 1855.9 | 2076.4 | 2336.4 | 2593.2 | 2766.5 | 2775.9 | 2627.8 |
| 37.5° | 1208.4 | 1235.1 | 1342.3 | 1397.4 | 1468.3 | 1662.1 | 1904.7 | 2240.3 | 2509.7 | 2637.3 | 2561.7 |
| 40°   | 1000.4 | 1061.8 | 1123.3 | 1154.8 | 1205.2 | 1339.1 | 1572.3 | 1835.4 | 2169.4 | 2405.7 | 2459.3 |
| 42.5° | 868.1  | 894.9  | 934.2  | 978.4  | 1009.9 | 1126.4 | 1282.4 | 1523.5 | 1824.4 | 2153.6 | 2301.7 |
| 45°   | 765.7  | 775.1  | 816.1  | 844.4  | 877.5  | 959.4  | 1069.7 | 1271.4 | 1536.1 | 1860.6 | 2112.7 |
| 47.5° | 680.6  | 699.5  | 721.6  | 738.9  | 760.9  | 824.0  | 918.5  | 1065.0 | 1298.2 | 1588.0 | 1859.0 |
| 50°   | 605.0  | 616.0  | 644.4  | 652.2  | 668.0  | 712.1  | 784.6  | 896.4  | 1088.6 | 1320.2 | 1600.7 |
| 52.5° | 534.1  | 554.6  | 565.6  | 576.6  | 590.8  | 627.0  | 674.3  | 765.7  | 910.6  | 1128.0 | 1365.9 |
| 55°   | 478.9  | 485.2  | 501.0  | 510.4  | 521.5  | 546.7  | 587.6  | 655.4  | 768.8  | 942.1  | 1167.4 |
| 57.5° | 425.4  | 425.4  | 441.1  | 449.0  | 460.0  | 478.9  | 515.2  | 567.2  | 649.1  | 778.3  | 984.7  |
| 60°   | 368.7  | 370.2  | 382.8  | 392.3  | 395.4  | 414.3  | 444.3  | 485.2  | 548.3  | 642.8  | 811.4  |
| 62.5° | 318.2  | 326.1  | 332.4  | 335.6  | 346.6  | 357.6  | 382.8  | 411.2  | 455.3  | 538.8  | 658.5  |
| 65°   | 275.7  | 277.3  | 282.0  | 285.2  | 289.9  | 302.5  | 321.4  | 340.3  | 378.1  | 439.5  | 537.2  |
| 67.5° | 226.9  | 233.2  | 239.5  | 239.5  | 244.2  | 250.5  | 269.4  | 285.2  | 313.5  | 349.7  | 415.9  |
| 70°   | 170.1  | 173.3  | 182.8  | 187.5  | 193.8  | 204.8  | 214.3  | 223.7  | 245.8  | 272.6  | 323.0  |
| 72.5° | 141.8  | 141.8  | 144.9  | 146.5  | 146.5  | 154.4  | 168.6  | 178.0  | 189.1  | 208.0  | 242.6  |
| 75°   | 113.4  | 113.4  | 118.2  | 116.6  | 119.7  | 122.9  | 124.5  | 130.8  | 137.1  | 151.2  | 171.7  |
| 77.5° | 89.8   | 91.4   | 91.4   | 93.0   | 93.0   | 94.5   | 96.1   | 99.3   | 102.4  | 110.3  | 119.7  |
| 80°   | 66.2   | 67.7   | 67.7   | 69.3   | 69.3   | 70.9   | 72.5   | 74.0   | 77.2   | 80.3   | 85.1   |
| 82.5° | 45.7   | 47.3   | 47.3   | 48.8   | 47.3   | 48.8   | 50.4   | 50.4   | 52.0   | 55.1   | 56.7   |
| 85°   | 26.8   | 26.8   | 28.4   | 26.8   | 26.8   | 26.8   | 28.4   | 28.4   | 29.9   | 34.7   | 34.7   |
| 87.5° | 7.9    | 9.5    | 7.9    | 9.5    | 9.5    | 9.5    | 9.5    | 11.0   | 11.0   | 12.6   | 14.2   |
| 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):**

|       | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1904.7 | 1896.8 | 1889.0 | 1889.0 | 1871.6 | 1855.9 | 1848.0 | 1851.1 | 1841.7 | 1829.1 | 1816.5 |
| 5°    | 1988.2 | 1956.7 | 1950.4 | 1933.1 | 1909.4 | 1876.4 | 1859.0 | 1843.3 | 1824.4 | 1799.2 | 1775.5 |
| 7.5°  | 2065.4 | 2024.4 | 2002.4 | 1985.1 | 1939.4 | 1893.7 | 1855.9 | 1830.7 | 1797.6 | 1759.8 | 1731.4 |
| 10°   | 2166.2 | 2090.6 | 2067.0 | 2027.6 | 1963.0 | 1898.4 | 1854.3 | 1813.3 | 1767.6 | 1723.5 | 1685.7 |
| 12.5° | 2246.6 | 2159.9 | 2115.8 | 2076.4 | 1992.9 | 1911.0 | 1837.0 | 1786.6 | 1731.4 | 1682.6 | 1633.7 |
| 15°   | 2338.0 | 2240.3 | 2163.1 | 2115.8 | 2010.3 | 1911.0 | 1827.5 | 1756.6 | 1695.2 | 1635.3 | 1592.8 |
| 17.5° | 2382.1 | 2259.2 | 2224.5 | 2156.8 | 2004.0 | 1904.7 | 1802.3 | 1726.7 | 1652.6 | 1583.3 | 1532.9 |
| 20°   | 2451.4 | 2308.0 | 2221.4 | 2175.7 | 2040.2 | 1893.7 | 1774.0 | 1687.3 | 1610.1 | 1536.1 | 1482.5 |
| 22.5° | 2456.1 | 2300.1 | 2243.4 | 2156.8 | 1989.8 | 1860.6 | 1748.7 | 1643.2 | 1553.4 | 1484.1 | 1428.9 |
| 25°   | 2445.1 | 2286.0 | 2207.2 | 2137.9 | 1999.2 | 1841.7 | 1698.3 | 1594.4 | 1506.1 | 1425.8 | 1361.2 |
| 27.5° | 2440.4 | 2245.0 | 2171.0 | 2101.6 | 1945.7 | 1786.6 | 1668.4 | 1550.2 | 1449.4 | 1378.5 | 1312.3 |
| 30°   | 2434.1 | 2200.9 | 2111.1 | 2030.7 | 1887.4 | 1744.0 | 1602.2 | 1499.8 | 1403.7 | 1313.9 | 1247.8 |
| 32.5° | 2393.1 | 2141.0 | 2049.7 | 1964.6 | 1810.2 | 1666.8 | 1555.0 | 1446.3 | 1342.3 | 1258.8 | 1198.9 |
| 35°   | 2380.5 | 2085.9 | 1966.2 | 1874.8 | 1723.5 | 1595.9 | 1477.8 | 1388.0 | 1290.3 | 1206.8 | 1135.9 |
| 37.5° | 2344.3 | 2029.2 | 1900.0 | 1783.4 | 1625.9 | 1504.6 | 1417.9 | 1328.1 | 1233.6 | 1143.8 | 1087.1 |
| 40°   | 2281.2 | 1963.0 | 1816.5 | 1696.8 | 1534.5 | 1411.6 | 1331.3 | 1265.1 | 1172.1 | 1091.8 | 1022.5 |
| 42.5° | 2188.3 | 1895.3 | 1737.7 | 1611.7 | 1432.1 | 1317.1 | 1250.9 | 1187.9 | 1109.1 | 1025.6 | 968.9  |
| 45°   | 2081.2 | 1805.5 | 1658.9 | 1518.7 | 1336.0 | 1224.1 | 1154.8 | 1117.0 | 1044.5 | 973.6  | 907.5  |
| 47.5° | 1934.6 | 1712.5 | 1567.6 | 1422.6 | 1236.7 | 1128.0 | 1072.9 | 1035.1 | 984.7  | 907.5  | 853.9  |
| 50°   | 1750.3 | 1592.8 | 1455.7 | 1326.5 | 1139.0 | 1035.1 | 979.9  | 951.6  | 909.0  | 853.9  | 801.9  |
| 52.5° | 1545.5 | 1454.1 | 1340.7 | 1221.0 | 1039.8 | 942.1  | 891.7  | 869.6  | 838.1  | 786.1  | 742.0  |
| 55°   | 1339.1 | 1299.7 | 1222.5 | 1104.4 | 935.8  | 855.5  | 811.4  | 783.0  | 759.4  | 721.6  | 683.7  |
| 57.5° | 1154.8 | 1135.9 | 1082.3 | 991.0  | 849.2  | 765.7  | 727.9  | 709.0  | 690.0  | 661.7  | 623.9  |
| 60°   | 964.2  | 984.7  | 929.5  | 883.8  | 754.6  | 682.2  | 649.1  | 628.6  | 619.1  | 593.9  | 570.3  |
| 62.5° | 798.8  | 817.7  | 786.1  | 751.5  | 660.1  | 595.5  | 575.0  | 556.1  | 549.8  | 527.8  | 504.1  |
| 65°   | 649.1  | 672.7  | 649.1  | 630.2  | 575.0  | 521.5  | 496.3  | 486.8  | 480.5  | 466.3  | 447.4  |
| 67.5° | 516.7  | 540.4  | 529.3  | 505.7  | 488.4  | 444.3  | 430.1  | 420.6  | 417.5  | 406.5  | 390.7  |
| 70°   | 389.1  | 422.2  | 425.4  | 411.2  | 395.4  | 375.0  | 365.5  | 362.4  | 354.5  | 345.0  | 335.6  |
| 72.5° | 280.4  | 318.2  | 319.8  | 319.8  | 310.4  | 310.4  | 300.9  | 296.2  | 296.2  | 286.7  | 275.7  |
| 75°   | 206.4  | 231.6  | 234.7  | 237.9  | 242.6  | 247.3  | 241.0  | 241.0  | 239.5  | 230.0  | 225.3  |
| 77.5° | 137.1  | 159.1  | 167.0  | 178.0  | 184.3  | 184.3  | 187.5  | 190.6  | 187.5  | 182.8  | 179.6  |
| 80°   | 88.2   | 104.0  | 113.4  | 119.7  | 129.2  | 133.9  | 138.6  | 140.2  | 137.1  | 135.5  | 130.8  |
| 82.5° | 58.3   | 63.0   | 67.7   | 75.6   | 86.6   | 94.5   | 94.5   | 93.0   | 96.1   | 94.5   | 93.0   |
| 85°   | 33.1   | 36.2   | 37.8   | 39.4   | 45.7   | 53.6   | 55.1   | 56.7   | 59.9   | 56.7   | 53.6   |
| 87.5° | 12.6   | 14.2   | 14.2   | 14.2   | 17.3   | 18.9   | 23.6   | 29.9   | 28.4   | 25.2   | 25.2   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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**CANDELA DISTRIBUTION (continued):**

|       | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1816.5 | 1808.6 | 1805.5 | 1797.6 | 1778.7 | 1766.1 | 1751.9 | 1742.4 | 1744.0 | 1736.1 | 1740.9 |
| 5°    | 1759.8 | 1758.2 | 1747.2 | 1731.4 | 1704.6 | 1690.5 | 1665.2 | 1652.6 | 1646.3 | 1647.9 | 1638.5 |
| 7.5°  | 1712.5 | 1698.3 | 1690.5 | 1665.2 | 1640.0 | 1610.1 | 1589.6 | 1578.6 | 1569.1 | 1559.7 | 1553.4 |
| 10°   | 1658.9 | 1646.3 | 1633.7 | 1607.0 | 1572.3 | 1543.9 | 1515.6 | 1504.6 | 1490.4 | 1484.1 | 1479.3 |
| 12.5° | 1602.2 | 1594.4 | 1578.6 | 1547.1 | 1507.7 | 1480.9 | 1447.8 | 1441.5 | 1422.6 | 1410.0 | 1406.9 |
| 15°   | 1550.2 | 1545.5 | 1517.2 | 1480.9 | 1441.5 | 1414.7 | 1386.4 | 1367.5 | 1336.0 | 1342.3 | 1331.3 |
| 17.5° | 1495.1 | 1474.6 | 1457.3 | 1408.4 | 1389.5 | 1348.6 | 1315.5 | 1306.0 | 1284.0 | 1269.8 | 1255.6 |
| 20°   | 1433.7 | 1421.1 | 1399.0 | 1367.5 | 1321.8 | 1274.5 | 1249.3 | 1233.6 | 1221.0 | 1198.9 | 1192.6 |
| 22.5° | 1375.4 | 1359.6 | 1340.7 | 1299.7 | 1260.4 | 1221.0 | 1186.3 | 1172.1 | 1156.4 | 1140.6 | 1131.2 |
| 25°   | 1329.7 | 1306.0 | 1285.6 | 1235.1 | 1195.8 | 1162.7 | 1140.6 | 1117.0 | 1094.9 | 1085.5 | 1082.3 |
| 27.5° | 1258.8 | 1244.6 | 1224.1 | 1176.9 | 1140.6 | 1104.4 | 1083.9 | 1068.2 | 1044.5 | 1033.5 | 1024.0 |
| 30°   | 1213.1 | 1184.7 | 1161.1 | 1123.3 | 1087.1 | 1047.7 | 1028.8 | 1009.9 | 995.7  | 981.5  | 970.5  |
| 32.5° | 1151.7 | 1129.6 | 1110.7 | 1072.9 | 1036.6 | 1000.4 | 979.9  | 951.6  | 943.7  | 932.7  | 920.1  |
| 35°   | 1091.8 | 1077.6 | 1057.1 | 1016.2 | 976.8  | 951.6  | 929.5  | 902.7  | 893.3  | 885.4  | 874.4  |
| 37.5° | 1035.1 | 1014.6 | 1000.4 | 961.0  | 926.4  | 896.4  | 879.1  | 857.0  | 850.7  | 841.3  | 833.4  |
| 40°   | 986.2  | 965.7  | 951.6  | 912.2  | 875.9  | 844.4  | 833.4  | 811.4  | 801.9  | 790.9  | 786.1  |
| 42.5° | 931.1  | 913.8  | 894.9  | 866.5  | 828.7  | 797.2  | 775.1  | 762.5  | 749.9  | 745.2  | 735.7  |
| 45°   | 872.8  | 857.0  | 842.9  | 811.4  | 772.0  | 749.9  | 731.0  | 713.7  | 704.2  | 696.3  | 690.0  |
| 47.5° | 822.4  | 808.2  | 789.3  | 754.6  | 723.1  | 702.6  | 683.7  | 666.4  | 657.0  | 647.5  | 639.6  |
| 50°   | 764.1  | 756.2  | 735.7  | 702.6  | 672.7  | 649.1  | 631.8  | 616.0  | 609.7  | 598.7  | 586.1  |
| 52.5° | 712.1  | 697.9  | 680.6  | 653.8  | 627.0  | 598.7  | 575.0  | 565.6  | 554.6  | 548.3  | 537.2  |
| 55°   | 650.7  | 641.2  | 622.3  | 598.7  | 570.3  | 546.7  | 529.3  | 516.7  | 502.6  | 496.3  | 482.1  |
| 57.5° | 598.7  | 581.3  | 571.9  | 542.0  | 515.2  | 491.5  | 478.9  | 466.3  | 450.6  | 441.1  | 434.8  |
| 60°   | 542.0  | 526.2  | 512.0  | 486.8  | 467.9  | 442.7  | 423.8  | 412.8  | 401.7  | 389.1  | 382.8  |
| 62.5° | 486.8  | 474.2  | 456.9  | 436.4  | 412.8  | 392.3  | 378.1  | 362.4  | 356.1  | 343.4  | 338.7  |
| 65°   | 426.9  | 417.5  | 403.3  | 379.7  | 360.8  | 343.4  | 329.3  | 316.7  | 310.4  | 305.6  | 302.5  |
| 67.5° | 373.4  | 360.8  | 351.3  | 330.8  | 310.4  | 296.2  | 288.3  | 280.4  | 272.6  | 267.8  | 263.1  |
| 70°   | 318.2  | 308.8  | 299.3  | 280.4  | 266.3  | 253.6  | 247.3  | 241.0  | 236.3  | 231.6  | 226.9  |
| 72.5° | 261.5  | 256.8  | 247.3  | 234.7  | 223.7  | 214.3  | 209.5  | 201.7  | 196.9  | 189.1  | 185.9  |
| 75°   | 215.8  | 208.0  | 203.2  | 192.2  | 182.8  | 174.9  | 168.6  | 159.1  | 152.8  | 149.7  | 148.1  |
| 77.5° | 170.1  | 167.0  | 160.7  | 151.2  | 146.5  | 138.6  | 129.2  | 126.0  | 122.9  | 122.9  | 121.3  |
| 80°   | 127.6  | 122.9  | 118.2  | 110.3  | 105.6  | 99.3   | 99.3   | 99.3   | 97.7   | 99.3   | 97.7   |
| 82.5° | 86.6   | 83.5   | 80.3   | 75.6   | 74.0   | 74.0   | 75.6   | 75.6   | 75.6   | 75.6   | 75.6   |
| 85°   | 50.4   | 50.4   | 50.4   | 52.0   | 50.4   | 50.4   | 52.0   | 53.6   | 52.0   | 52.0   | 50.4   |
| 87.5° | 23.6   | 23.6   | 25.2   | 25.2   | 26.8   | 26.8   | 26.8   | 26.8   | 26.8   | 26.8   | 28.4   |
| 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):**

|       | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1739.3 | 1740.9 | 1736.1 | 1726.7 | 1725.1 | 1728.3 | 1737.7 | 1734.6 | 1726.7 | 1740.9 | 1728.3 |
| 5°    | 1643.2 | 1635.3 | 1632.2 | 1635.3 | 1625.9 | 1621.1 | 1630.6 | 1625.9 | 1630.6 | 1632.2 | 1636.9 |
| 7.5°  | 1550.2 | 1551.8 | 1542.4 | 1543.9 | 1531.3 | 1534.5 | 1534.5 | 1534.5 | 1539.2 | 1542.4 | 1548.7 |
| 10°   | 1469.9 | 1473.0 | 1462.0 | 1463.6 | 1454.1 | 1447.8 | 1452.6 | 1462.0 | 1462.0 | 1462.0 | 1465.2 |
| 12.5° | 1405.3 | 1391.1 | 1383.2 | 1381.7 | 1370.6 | 1367.5 | 1376.9 | 1380.1 | 1388.0 | 1388.0 | 1392.7 |
| 15°   | 1324.9 | 1321.8 | 1315.5 | 1315.5 | 1288.7 | 1295.0 | 1298.2 | 1309.2 | 1324.9 | 1312.3 | 1315.5 |
| 17.5° | 1252.5 | 1244.6 | 1236.7 | 1233.6 | 1230.4 | 1221.0 | 1233.6 | 1232.0 | 1241.5 | 1243.0 | 1247.8 |
| 20°   | 1187.9 | 1181.6 | 1165.8 | 1167.4 | 1170.6 | 1156.4 | 1164.3 | 1164.3 | 1173.7 | 1183.2 | 1194.2 |
| 22.5° | 1124.9 | 1118.6 | 1110.7 | 1113.8 | 1104.4 | 1101.2 | 1101.2 | 1109.1 | 1120.1 | 1128.0 | 1126.4 |
| 25°   | 1076.0 | 1065.0 | 1060.3 | 1055.5 | 1050.8 | 1054.0 | 1049.2 | 1057.1 | 1065.0 | 1069.7 | 1065.0 |
| 27.5° | 1020.9 | 1016.2 | 1006.7 | 1002.0 | 994.1  | 997.3  | 1000.4 | 1006.7 | 1011.4 | 1011.4 | 1016.2 |
| 30°   | 967.3  | 961.0  | 957.9  | 953.1  | 953.1  | 946.8  | 948.4  | 954.7  | 959.4  | 964.2  | 970.5  |
| 32.5° | 915.3  | 910.6  | 905.9  | 905.9  | 902.7  | 901.2  | 899.6  | 909.0  | 909.0  | 918.5  | 918.5  |
| 35°   | 872.8  | 864.9  | 864.9  | 857.0  | 860.2  | 858.6  | 855.5  | 861.8  | 863.3  | 869.6  | 868.1  |
| 37.5° | 825.5  | 825.5  | 822.4  | 814.5  | 808.2  | 809.8  | 817.7  | 817.7  | 822.4  | 820.8  | 825.5  |
| 40°   | 778.3  | 775.1  | 775.1  | 770.4  | 768.8  | 767.2  | 768.8  | 770.4  | 778.3  | 776.7  | 778.3  |
| 42.5° | 731.0  | 732.6  | 724.7  | 724.7  | 724.7  | 720.0  | 721.6  | 723.1  | 726.3  | 729.4  | 734.2  |
| 45°   | 685.3  | 682.2  | 680.6  | 677.4  | 674.3  | 675.9  | 674.3  | 680.6  | 679.0  | 682.2  | 686.9  |
| 47.5° | 636.5  | 631.8  | 630.2  | 623.9  | 623.9  | 627.0  | 625.5  | 630.2  | 631.8  | 636.5  | 633.3  |
| 50°   | 589.2  | 582.9  | 578.2  | 579.8  | 570.3  | 573.5  | 573.5  | 578.2  | 582.9  | 584.5  | 587.6  |
| 52.5° | 534.1  | 532.5  | 530.9  | 523.0  | 521.5  | 519.9  | 521.5  | 523.0  | 529.3  | 534.1  | 535.7  |
| 55°   | 480.5  | 478.9  | 469.5  | 466.3  | 461.6  | 461.6  | 464.8  | 466.3  | 477.4  | 478.9  | 485.2  |
| 57.5° | 431.7  | 426.9  | 415.9  | 414.3  | 414.3  | 414.3  | 409.6  | 415.9  | 419.1  | 426.9  | 426.9  |
| 60°   | 378.1  | 378.1  | 368.7  | 368.7  | 370.2  | 368.7  | 368.7  | 370.2  | 370.2  | 376.5  | 379.7  |
| 62.5° | 335.6  | 334.0  | 334.0  | 330.8  | 329.3  | 330.8  | 329.3  | 329.3  | 330.8  | 335.6  | 340.3  |
| 65°   | 297.8  | 296.2  | 294.6  | 293.0  | 289.9  | 289.9  | 291.5  | 294.6  | 294.6  | 297.8  | 299.3  |
| 67.5° | 261.5  | 261.5  | 258.4  | 258.4  | 256.8  | 255.2  | 256.8  | 255.2  | 261.5  | 261.5  | 263.1  |
| 70°   | 225.3  | 223.7  | 219.0  | 217.4  | 212.7  | 214.3  | 214.3  | 219.0  | 220.6  | 223.7  | 226.9  |
| 72.5° | 181.2  | 181.2  | 178.0  | 174.9  | 176.4  | 173.3  | 173.3  | 174.9  | 174.9  | 179.6  | 181.2  |
| 75°   | 149.7  | 146.5  | 144.9  | 146.5  | 144.9  | 148.1  | 144.9  | 144.9  | 148.1  | 148.1  | 148.1  |
| 77.5° | 122.9  | 122.9  | 121.3  | 121.3  | 122.9  | 121.3  | 122.9  | 122.9  | 122.9  | 121.3  | 122.9  |
| 80°   | 100.8  | 99.3   | 99.3   | 99.3   | 97.7   | 97.7   | 97.7   | 97.7   | 97.7   | 97.7   | 97.7   |
| 82.5° | 75.6   | 75.6   | 74.0   | 75.6   | 75.6   | 74.0   | 75.6   | 74.0   | 74.0   | 75.6   | 75.6   |
| 85°   | 50.4   | 53.6   | 50.4   | 50.4   | 52.0   | 52.0   | 53.6   | 52.0   | 53.6   | 50.4   | 52.0   |
| 87.5° | 26.8   | 28.4   | 28.4   | 26.8   | 26.8   | 28.4   | 28.4   | 28.4   | 29.9   | 26.8   | 28.4   |
| 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):**

|       | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1740.9 | 1747.2 | 1740.9 | 1728.3 | 1740.9 | 1748.7 | 1756.6 | 1769.2 | 1775.5 | 1775.5 | 1785.0 |
| 5°    | 1641.6 | 1654.2 | 1649.5 | 1646.3 | 1658.9 | 1666.8 | 1679.4 | 1695.2 | 1712.5 | 1723.5 | 1736.1 |
| 7.5°  | 1553.4 | 1561.3 | 1569.1 | 1569.1 | 1581.7 | 1599.1 | 1618.0 | 1636.9 | 1658.9 | 1674.7 | 1684.2 |
| 10°   | 1476.2 | 1482.5 | 1487.2 | 1493.5 | 1512.4 | 1531.3 | 1556.5 | 1580.2 | 1599.1 | 1616.4 | 1632.2 |
| 12.5° | 1402.1 | 1411.6 | 1422.6 | 1427.4 | 1441.5 | 1465.2 | 1488.8 | 1517.2 | 1547.1 | 1564.4 | 1580.2 |
| 15°   | 1331.3 | 1336.0 | 1348.6 | 1362.8 | 1375.4 | 1400.6 | 1430.5 | 1460.4 | 1485.6 | 1512.4 | 1526.6 |
| 17.5° | 1258.8 | 1260.4 | 1293.4 | 1285.6 | 1326.5 | 1350.2 | 1365.9 | 1394.3 | 1435.2 | 1457.3 | 1479.3 |
| 20°   | 1187.9 | 1203.6 | 1217.8 | 1225.7 | 1247.8 | 1274.5 | 1320.2 | 1342.3 | 1375.4 | 1395.8 | 1414.7 |
| 22.5° | 1132.7 | 1156.4 | 1156.4 | 1175.3 | 1186.3 | 1211.5 | 1244.6 | 1287.1 | 1323.4 | 1337.6 | 1364.3 |
| 25°   | 1083.9 | 1094.9 | 1113.8 | 1120.1 | 1140.6 | 1162.7 | 1184.7 | 1230.4 | 1269.8 | 1288.7 | 1307.6 |
| 27.5° | 1020.9 | 1035.1 | 1060.3 | 1060.3 | 1087.1 | 1110.7 | 1137.5 | 1167.4 | 1206.8 | 1233.6 | 1254.1 |
| 30°   | 972.0  | 986.2  | 997.3  | 1014.6 | 1025.6 | 1047.7 | 1094.9 | 1117.0 | 1151.7 | 1175.3 | 1200.5 |
| 32.5° | 926.4  | 937.4  | 946.8  | 965.7  | 978.4  | 1003.6 | 1028.8 | 1068.2 | 1098.1 | 1120.1 | 1146.9 |
| 35°   | 875.9  | 887.0  | 899.6  | 913.8  | 932.7  | 956.3  | 979.9  | 1013.0 | 1042.9 | 1063.4 | 1085.5 |
| 37.5° | 828.7  | 836.6  | 855.5  | 864.9  | 880.7  | 902.7  | 932.7  | 967.3  | 994.1  | 1009.9 | 1031.9 |
| 40°   | 783.0  | 789.3  | 803.5  | 820.8  | 831.8  | 849.2  | 880.7  | 910.6  | 943.7  | 962.6  | 979.9  |
| 42.5° | 734.2  | 742.0  | 754.6  | 772.0  | 789.3  | 808.2  | 825.5  | 860.2  | 890.1  | 905.9  | 924.8  |
| 45°   | 691.6  | 696.3  | 705.8  | 723.1  | 740.5  | 754.6  | 781.4  | 812.9  | 841.3  | 853.9  | 874.4  |
| 47.5° | 641.2  | 645.9  | 660.1  | 668.0  | 686.9  | 705.8  | 732.6  | 764.1  | 789.3  | 801.9  | 820.8  |
| 50°   | 589.2  | 593.9  | 603.4  | 620.7  | 633.3  | 653.8  | 677.4  | 704.2  | 735.7  | 753.1  | 764.1  |
| 52.5° | 538.8  | 548.3  | 556.1  | 570.3  | 586.1  | 606.5  | 628.6  | 653.8  | 680.6  | 697.9  | 710.5  |
| 55°   | 488.4  | 496.3  | 505.7  | 513.6  | 532.5  | 551.4  | 576.6  | 600.2  | 623.9  | 639.6  | 653.8  |
| 57.5° | 431.7  | 442.7  | 452.2  | 467.9  | 482.1  | 497.8  | 526.2  | 545.1  | 573.5  | 584.5  | 597.1  |
| 60°   | 382.8  | 393.9  | 401.7  | 414.3  | 426.9  | 447.4  | 466.3  | 490.0  | 513.6  | 527.8  | 543.5  |
| 62.5° | 341.9  | 346.6  | 351.3  | 363.9  | 376.5  | 395.4  | 414.3  | 438.0  | 463.2  | 471.1  | 483.7  |
| 65°   | 300.9  | 305.6  | 313.5  | 324.5  | 334.0  | 345.0  | 365.5  | 384.4  | 408.0  | 420.6  | 425.4  |
| 67.5° | 266.3  | 271.0  | 272.6  | 280.4  | 288.3  | 300.9  | 311.9  | 330.8  | 352.9  | 360.8  | 370.2  |
| 70°   | 226.9  | 234.7  | 236.3  | 242.6  | 245.8  | 253.6  | 266.3  | 280.4  | 297.8  | 311.9  | 319.8  |
| 72.5° | 181.2  | 192.2  | 195.4  | 204.8  | 209.5  | 217.4  | 226.9  | 237.9  | 248.9  | 255.2  | 261.5  |
| 75°   | 148.1  | 151.2  | 152.8  | 160.7  | 168.6  | 179.6  | 184.3  | 190.6  | 200.1  | 208.0  | 214.3  |
| 77.5° | 122.9  | 124.5  | 126.0  | 126.0  | 127.6  | 133.9  | 143.4  | 151.2  | 157.5  | 160.7  | 165.4  |
| 80°   | 99.3   | 97.7   | 97.7   | 99.3   | 99.3   | 99.3   | 102.4  | 113.4  | 116.6  | 124.5  | 122.9  |
| 82.5° | 77.2   | 74.0   | 75.6   | 74.0   | 74.0   | 74.0   | 74.0   | 75.6   | 75.6   | 80.3   | 83.5   |
| 85°   | 50.4   | 52.0   | 50.4   | 50.4   | 48.8   | 50.4   | 48.8   | 48.8   | 47.3   | 47.3   | 45.7   |
| 87.5° | 26.8   | 28.4   | 26.8   | 26.8   | 25.2   | 26.8   | 25.2   | 25.2   | 23.6   | 23.6   | 20.5   |
| 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: P996359

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**CANDELA DISTRIBUTION (continued):**

|       | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|
| 0°    | 1840.1 | 1840.1 | 1840.1 | 1840.1 |
| 2.5°  | 1792.9 | 1803.9 | 1825.9 | 1844.8 |
| 5°    | 1755.0 | 1772.4 | 1805.5 | 1838.5 |
| 7.5°  | 1709.4 | 1736.1 | 1778.7 | 1824.4 |
| 10°   | 1665.2 | 1699.9 | 1751.9 | 1805.5 |
| 12.5° | 1621.1 | 1657.4 | 1712.5 | 1781.8 |
| 15°   | 1569.1 | 1607.0 | 1673.1 | 1756.6 |
| 17.5° | 1523.5 | 1573.9 | 1633.7 | 1717.2 |
| 20°   | 1474.6 | 1512.4 | 1589.6 | 1677.8 |
| 22.5° | 1413.2 | 1476.2 | 1548.7 | 1641.6 |
| 25°   | 1364.3 | 1419.5 | 1491.9 | 1597.5 |
| 27.5° | 1304.5 | 1369.1 | 1457.3 | 1550.2 |
| 30°   | 1255.6 | 1309.2 | 1391.1 | 1503.0 |
| 32.5° | 1198.9 | 1261.9 | 1347.0 | 1457.3 |
| 35°   | 1148.5 | 1202.1 | 1282.4 | 1394.3 |
| 37.5° | 1088.6 | 1146.9 | 1236.7 | 1336.0 |
| 40°   | 1036.6 | 1093.4 | 1178.4 | 1271.4 |
| 42.5° | 973.6  | 1033.5 | 1118.6 | 1197.3 |
| 45°   | 923.2  | 978.4  | 1046.1 | 1118.6 |
| 47.5° | 861.8  | 920.1  | 986.2  | 1036.6 |
| 50°   | 806.6  | 860.2  | 912.2  | 954.7  |
| 52.5° | 746.8  | 795.6  | 842.9  | 874.4  |
| 55°   | 691.6  | 729.4  | 767.2  | 789.3  |
| 57.5° | 627.0  | 663.3  | 694.8  | 707.4  |
| 60°   | 570.3  | 600.2  | 620.7  | 634.9  |
| 62.5° | 510.4  | 532.5  | 548.3  | 556.1  |
| 65°   | 452.2  | 467.9  | 475.8  | 483.7  |
| 67.5° | 392.3  | 406.5  | 411.2  | 420.6  |
| 70°   | 329.3  | 345.0  | 348.2  | 352.9  |
| 72.5° | 282.0  | 282.0  | 288.3  | 294.6  |
| 75°   | 225.3  | 228.4  | 231.6  | 231.6  |
| 77.5° | 176.4  | 176.4  | 179.6  | 181.2  |
| 80°   | 129.2  | 130.8  | 130.8  | 129.2  |
| 82.5° | 88.2   | 91.4   | 88.2   | 86.6   |
| 85°   | 48.8   | 55.1   | 52.0   | 52.0   |
| 87.5° | 20.5   | 20.5   | 23.6   | 20.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)