

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: P1024949

Luminaire Tested: S124DIP-B1020D590UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1024949  
REPORT IS A COMBINATION OF REPORTS P995324 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124DIP-B1020D590UB30-4F0-XX-W2A-A1  
Description: Define 4 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

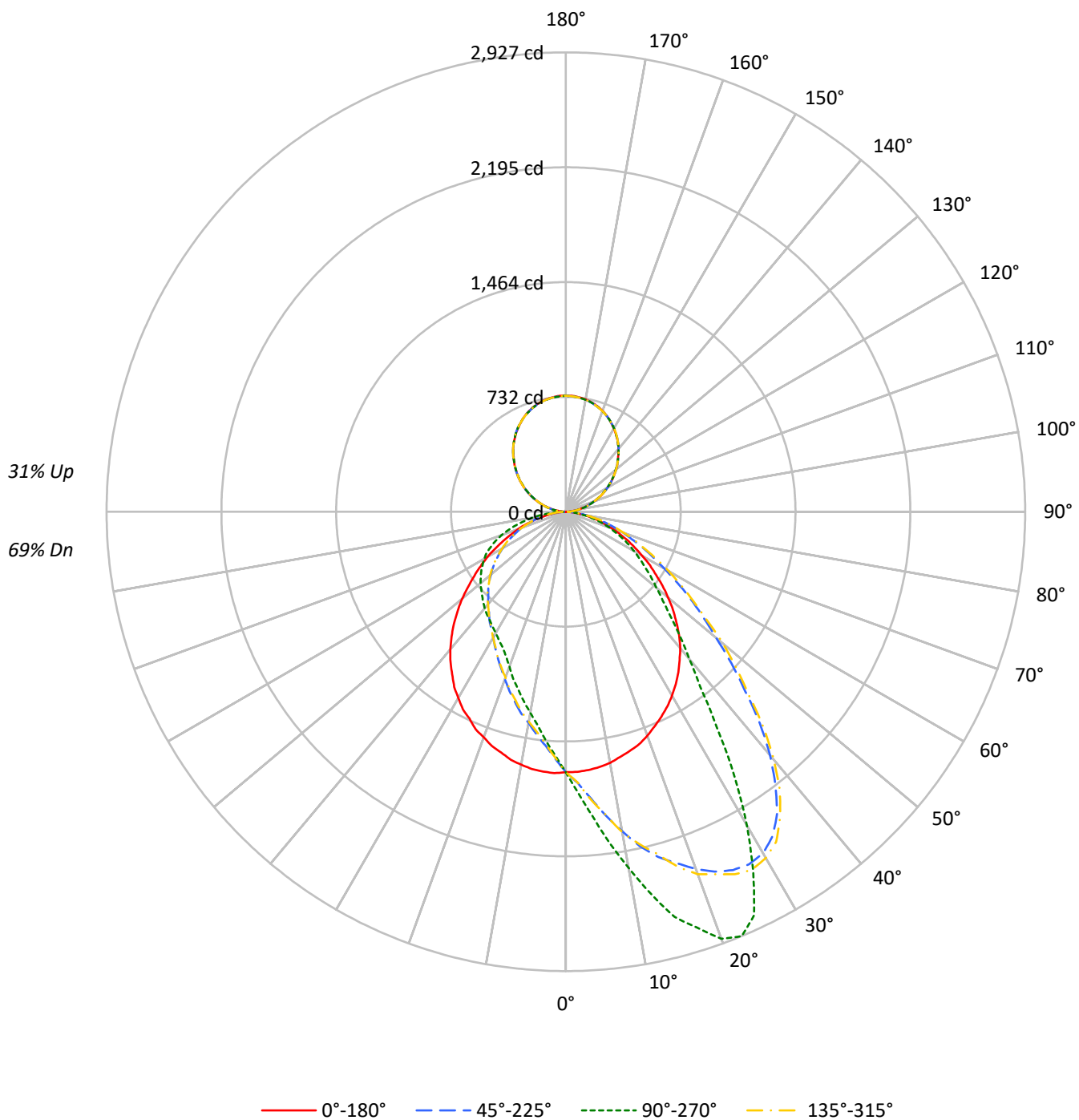
Lumens per Lamp: N/A  
Luminaire Lumens: 6629.0 lumens  
Efficiency: N/A  
Efficacy: 106.6 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.3 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: Semi-Direct

Input Watts (W): 62.2  
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: P1024949

CATALOG NUMBER: S124DIP-B1020D590UB30-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1024949

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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   | 112 | 112 | 112 | 112 | 105 | 105 | 105 | 105 | 94 | 94 | 94 | 83 | 83 | 83 | 74 | 74 | 74 |    |    | 69 |
| 1   | 102 | 98  | 94  | 91  | 97  | 93  | 89  | 86  | 83 | 80 | 78 | 74 | 72 | 70 | 66 | 64 | 63 |    |    | 59 |
| 2   | 93  | 86  | 80  | 75  | 88  | 82  | 76  | 71  | 73 | 69 | 65 | 65 | 62 | 59 | 58 | 56 | 53 |    |    | 50 |
| 3   | 86  | 76  | 69  | 63  | 81  | 72  | 65  | 60  | 65 | 59 | 55 | 58 | 54 | 50 | 52 | 49 | 46 |    |    | 43 |
| 4   | 78  | 67  | 59  | 53  | 74  | 64  | 57  | 51  | 58 | 52 | 47 | 52 | 47 | 44 | 47 | 43 | 40 |    |    | 37 |
| 5   | 72  | 60  | 52  | 46  | 68  | 57  | 50  | 44  | 52 | 46 | 41 | 47 | 42 | 38 | 42 | 38 | 35 |    |    | 32 |
| 6   | 67  | 54  | 46  | 40  | 63  | 52  | 44  | 39  | 47 | 41 | 36 | 42 | 37 | 33 | 38 | 34 | 31 |    |    | 28 |
| 7   | 62  | 49  | 41  | 36  | 58  | 47  | 40  | 34  | 43 | 37 | 32 | 39 | 34 | 30 | 35 | 31 | 28 |    |    | 25 |
| 8   | 57  | 45  | 37  | 32  | 54  | 43  | 36  | 31  | 39 | 33 | 29 | 36 | 30 | 27 | 32 | 28 | 25 |    |    | 23 |
| 9   | 54  | 41  | 34  | 28  | 51  | 39  | 32  | 27  | 36 | 30 | 26 | 33 | 28 | 24 | 30 | 26 | 22 |    |    | 20 |
| 10  | 50  | 38  | 31  | 26  | 48  | 36  | 29  | 25  | 33 | 27 | 23 | 30 | 25 | 22 | 28 | 23 | 20 |    |    | 19 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13526 | 13526 | 13526 | 13526 |
| 5°  | 13492 | 15517 | 13570 | 11660 |
| 10° | 13391 | 18104 | 13493 | 10229 |
| 15° | 13230 | 20870 | 13322 | 9153  |
| 20° | 13058 | 22631 | 13153 | 8206  |
| 25° | 12809 | 22372 | 12931 | 7507  |
| 30° | 12564 | 18491 | 12717 | 7148  |
| 35° | 12222 | 13779 | 12356 | 6930  |
| 40° | 11820 | 10380 | 11935 | 6823  |
| 45° | 11209 | 8331  | 11349 | 6677  |
| 50° | 10479 | 7019  | 10631 | 6609  |
| 55° | 9620  | 6108  | 9771  | 6531  |
| 60° | 8787  | 5380  | 9043  | 6423  |
| 65° | 8003  | 4629  | 8078  | 6155  |
| 70° | 7081  | 3808  | 7235  | 5667  |
| 75° | 6179  | 2926  | 6138  | 4816  |
| 80° | 4861  | 1923  | 4804  | 3655  |
| 85° | 3202  | 864   | 2998  | 2132  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 145°

Vertical Angle: 45°

Luminance: 17489 cd/sqm

TEST NUMBER: P1024949

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 161.4  | 2.4       |
| 10°-20°   | 498.3  | 7.5       |
| 20°-30°   | 791.6  | 11.9      |
| 30°-40°   | 879.6  | 13.3      |
| 40°-50°   | 799.9  | 12.1      |
| 50°-60°   | 653.6  | 9.9       |
| 60°-70°   | 466.6  | 7.0       |
| 70°-80°   | 256.7  | 3.9       |
| 80°-90°   | 71.0   | 1.1       |
| 90°-100°  | 48.2   | 0.7       |
| 100°-110° | 144.3  | 2.2       |
| 110°-120° | 245.1  | 3.7       |
| 120°-130° | 323.2  | 4.9       |
| 130°-140° | 363.1  | 5.5       |
| 140°-150° | 356.8  | 5.4       |
| 150°-160° | 300.1  | 4.5       |
| 160°-170° | 199.7  | 3.0       |
| 170°-180° | 69.9   | 1.1       |
| 0°-30°    | 1451.2 | 21.9      |
| 0°-40°    | 2330.8 | 35.2      |
| 0°-60°    | 3784.3 | 57.1      |
| 0°-90°    | 4578.6 | 69.1      |
| 90°-120°  | 437.5  | 6.6       |
| 90°-150°  | 1480.7 | 22.3      |
| 90°-180°  | 2050.0 | 30.9      |
| 0°-180°   | 6629.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1659 | 1659 | 1659 | 1659 | 1659 |      |
| 5°   | 1652 | 1946 | 1661 | 1462 | 1652 | 157  |
| 15°  | 1578 | 2673 | 1589 | 1172 | 1578 | 445  |
| 25°  | 1440 | 2838 | 1454 | 952  | 1440 | 664  |
| 35°  | 1249 | 1678 | 1263 | 844  | 1249 | 780  |
| 45°  | 996  | 941  | 1009 | 754  | 996  | 768  |
| 55°  | 701  | 616  | 712  | 658  | 701  | 630  |
| 65°  | 437  | 396  | 441  | 526  | 437  | 432  |
| 75°  | 214  | 198  | 213  | 326  | 214  | 225  |
| 85°  | 44   | 41   | 41   | 102  | 44   | 51   |
| 90°  | 2    | 17   | 2    | 17   | 2    | 5    |
| 95°  | 34   | 45   | 34   | 45   | 34   | 37   |
| 105° | 133  | 140  | 133  | 140  | 133  | 141  |
| 115° | 249  | 247  | 249  | 247  | 249  | 246  |
| 125° | 363  | 360  | 363  | 360  | 363  | 323  |
| 135° | 468  | 469  | 468  | 469  | 468  | 362  |
| 145° | 569  | 569  | 569  | 569  | 569  | 356  |
| 155° | 652  | 651  | 652  | 651  | 652  | 300  |
| 165° | 709  | 708  | 709  | 708  | 709  | 200  |
| 175° | 738  | 734  | 738  | 734  | 738  | 70   |
| 180° | 739  | 739  | 739  | 739  | 739  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1658.7 | 1675.2 | 1682.0 | 1687.5 | 1705.4 | 1710.9 | 1712.3 | 1720.5 | 1727.4 | 1728.8 | 1728.8 |
| 5°     | 1651.8 | 1677.9 | 1698.5 | 1717.8 | 1746.6 | 1759.0 | 1774.1 | 1790.6 | 1812.6 | 1826.3 | 1833.2 |
| 7.5°   | 1640.8 | 1679.3 | 1710.9 | 1743.9 | 1783.7 | 1808.5 | 1822.2 | 1866.2 | 1896.4 | 1921.2 | 1951.4 |
| 10°    | 1624.3 | 1673.8 | 1719.1 | 1767.2 | 1823.6 | 1853.8 | 1884.0 | 1937.6 | 1980.2 | 2028.3 | 2066.8 |
| 12.5°  | 1599.6 | 1664.2 | 1719.1 | 1786.5 | 1856.6 | 1892.3 | 1928.0 | 2021.5 | 2070.9 | 2113.5 | 2182.3 |
| 15°    | 1577.6 | 1642.2 | 1720.5 | 1789.2 | 1875.8 | 1929.4 | 1981.6 | 2042.1 | 2120.4 | 2212.5 | 2278.4 |
| 17.5°  | 1552.9 | 1633.9 | 1706.8 | 1803.0 | 1899.2 | 1950.0 | 1992.6 | 2086.1 | 2196.0 | 2286.7 | 2347.2 |
| 20°    | 1518.5 | 1601.0 | 1697.2 | 1798.8 | 1912.9 | 1952.8 | 2009.1 | 2134.2 | 2233.1 | 2322.4 | 2421.4 |
| 22.5°  | 1478.7 | 1574.9 | 1676.5 | 1774.1 | 1892.3 | 1976.1 | 2038.0 | 2147.9 | 2267.5 | 2370.5 | 2481.8 |
| 25°    | 1440.2 | 1544.6 | 1633.9 | 1767.2 | 1892.3 | 1948.6 | 2018.7 | 2149.3 | 2279.8 | 2404.9 | 2518.9 |
| 27.5°  | 1399.0 | 1496.5 | 1617.5 | 1723.3 | 1864.8 | 1926.6 | 2002.2 | 2145.1 | 2283.9 | 2409.0 | 2531.3 |
| 30°    | 1353.6 | 1458.0 | 1558.4 | 1683.4 | 1820.8 | 1900.5 | 1970.6 | 2125.9 | 2267.5 | 2398.0 | 2512.1 |
| 32.5°  | 1302.8 | 1401.7 | 1508.9 | 1627.1 | 1771.4 | 1852.4 | 1940.4 | 2099.8 | 2251.0 | 2363.6 | 2451.6 |
| 35°    | 1249.2 | 1349.5 | 1442.9 | 1563.9 | 1712.3 | 1793.4 | 1878.6 | 2054.5 | 2204.2 | 2296.3 | 2347.2 |
| 37.5°  | 1190.1 | 1284.9 | 1377.0 | 1496.5 | 1644.9 | 1731.5 | 1818.1 | 1988.5 | 2130.0 | 2207.0 | 2193.2 |
| 40°    | 1133.7 | 1218.9 | 1304.1 | 1416.8 | 1572.1 | 1664.2 | 1739.8 | 1911.5 | 2035.2 | 2068.2 | 2022.8 |
| 42.5°  | 1069.1 | 1142.0 | 1224.4 | 1339.9 | 1491.0 | 1577.6 | 1672.4 | 1829.1 | 1921.2 | 1907.4 | 1830.5 |
| 45°    | 996.3  | 1060.9 | 1143.3 | 1251.9 | 1405.8 | 1495.1 | 1574.9 | 1723.3 | 1790.6 | 1756.2 | 1616.1 |
| 47.5°  | 926.2  | 989.4  | 1056.8 | 1165.3 | 1315.1 | 1390.7 | 1471.8 | 1605.1 | 1643.6 | 1570.7 | 1430.6 |
| 50°    | 850.6  | 902.9  | 972.9  | 1076.0 | 1216.2 | 1295.9 | 1363.2 | 1470.4 | 1484.2 | 1394.8 | 1249.2 |
| 52.5°  | 777.8  | 821.8  | 889.1  | 990.8  | 1121.4 | 1184.6 | 1250.5 | 1345.4 | 1334.4 | 1242.3 | 1102.1 |
| 55°    | 700.8  | 742.1  | 803.9  | 897.4  | 1012.8 | 1073.3 | 1129.6 | 1213.4 | 1190.1 | 1095.2 | 972.9  |
| 57.5°  | 636.3  | 665.1  | 725.6  | 812.2  | 907.0  | 972.9  | 1021.0 | 1087.0 | 1051.3 | 956.5  | 842.4  |
| 60°    | 562.1  | 597.8  | 648.6  | 718.7  | 812.2  | 856.1  | 898.7  | 942.7  | 918.0  | 827.3  | 725.6  |
| 62.5°  | 494.7  | 522.2  | 566.2  | 633.5  | 706.3  | 746.2  | 791.5  | 819.0  | 794.3  | 710.5  | 625.3  |
| 65°    | 437.0  | 459.0  | 493.3  | 548.3  | 618.4  | 651.4  | 677.5  | 703.6  | 683.0  | 604.7  | 542.8  |
| 67.5°  | 373.8  | 393.0  | 421.9  | 465.9  | 525.0  | 548.3  | 573.0  | 590.9  | 567.6  | 515.3  | 454.9  |
| 70°    | 317.4  | 331.2  | 358.7  | 391.7  | 432.9  | 454.9  | 475.5  | 493.3  | 472.7  | 428.8  | 383.4  |
| 72.5°  | 259.7  | 270.7  | 295.5  | 318.8  | 355.9  | 371.0  | 386.2  | 399.9  | 393.0  | 351.8  | 314.7  |
| 75°    | 214.4  | 218.5  | 235.0  | 254.2  | 277.6  | 294.1  | 305.1  | 313.3  | 307.8  | 274.8  | 251.5  |
| 77.5°  | 162.2  | 167.7  | 180.0  | 195.1  | 215.8  | 225.4  | 232.2  | 240.5  | 233.6  | 207.5  | 191.0  |
| 80°    | 118.2  | 119.6  | 126.4  | 140.2  | 153.9  | 155.3  | 162.2  | 173.2  | 169.0  | 151.2  | 138.8  |
| 82.5°  | 75.6   | 79.7   | 82.5   | 90.7   | 100.3  | 103.1  | 107.2  | 109.9  | 108.6  | 97.6   | 93.4   |
| 85°    | 44.0   | 44.0   | 46.7   | 52.2   | 55.0   | 59.1   | 60.5   | 61.8   | 64.6   | 57.7   | 53.6   |
| 87.5°  | 19.2   | 20.6   | 20.6   | 22.0   | 24.7   | 24.7   | 26.1   | 27.5   | 28.9   | 27.5   | 23.4   |
| 90°    | 1.7    | 3.1    | 4.5    | 5.9    | 7.3    | 8.0    | 8.5    | 9.5    | 10.6   | 11.6   | 12.6   |
| 92.5°  | 14.9   | 16.5   | 18.2   | 19.8   | 21.5   | 22.3   | 22.6   | 23.2   | 23.9   | 24.5   | 25.1   |
| 95°    | 34.3   | 35.4   | 36.6   | 37.7   | 38.8   | 39.4   | 39.8   | 40.7   | 41.6   | 42.5   | 43.4   |
| 97.5°  | 54.9   | 55.9   | 56.9   | 57.9   | 58.9   | 59.4   | 59.9   | 60.9   | 62.0   | 63.0   | 64.0   |
| 100°   | 80.0   | 80.5   | 81.0   | 81.5   | 82.0   | 82.3   | 82.9   | 84.0   | 85.1   | 86.3   | 87.4   |
| 102.5° | 106.3  | 106.4  | 106.6  | 106.7  | 106.8  | 106.9  | 107.4  | 108.4  | 109.4  | 110.4  | 111.4  |
| 105°   | 133.2  | 133.3  | 133.4  | 133.5  | 133.6  | 133.7  | 134.0  | 134.5  | 135.0  | 135.5  | 136.0  |
| 107.5° | 161.2  | 161.3  | 161.4  | 161.5  | 161.6  | 161.7  | 161.8  | 161.9  | 162.0  | 162.2  | 162.3  |
| 110°   | 189.7  | 190.0  | 190.2  | 190.5  | 190.8  | 190.9  | 190.8  | 190.7  | 190.6  | 190.4  | 190.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.4 | 219.1 | 218.8 | 218.6 | 218.3 |
| 115°   | 249.2 | 249.2 | 249.2 | 249.2 | 249.2 | 249.2 | 249.1 | 248.8 | 248.5 | 248.3 | 248.0 |
| 117.5° | 277.2 | 277.2 | 277.2 | 277.2 | 277.2 | 277.2 | 277.1 | 277.0 | 276.9 | 276.7 | 276.6 |
| 120°   | 305.2 | 305.7 | 306.2 | 306.7 | 307.2 | 307.5 | 307.3 | 306.9 | 306.6 | 306.2 | 305.8 |
| 122.5° | 334.3 | 334.4 | 334.6 | 334.7 | 334.8 | 334.9 | 334.8 | 334.7 | 334.6 | 334.4 | 334.3 |
| 125°   | 362.9 | 362.9 | 362.9 | 362.9 | 362.9 | 362.9 | 362.8 | 362.7 | 362.6 | 362.4 | 362.3 |
| 127.5° | 388.6 | 389.0 | 389.4 | 389.8 | 390.2 | 390.4 | 390.3 | 390.0 | 389.7 | 389.5 | 389.2 |
| 130°   | 416.1 | 416.5 | 416.9 | 417.2 | 417.6 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 |
| 132.5° | 444.1 | 444.3 | 444.6 | 444.8 | 445.1 | 445.2 | 445.1 | 445.0 | 444.9 | 444.8 | 444.7 |
| 135°   | 468.1 | 468.9 | 469.6 | 470.4 | 471.1 | 471.5 | 471.5 | 471.5 | 471.5 | 471.5 | 471.5 |
| 137.5° | 494.9 | 495.3 | 495.7 | 496.1 | 496.5 | 496.7 | 496.8 | 497.1 | 497.3 | 497.6 | 497.8 |
| 140°   | 521.8 | 522.0 | 522.3 | 522.5 | 522.8 | 522.9 | 522.9 | 522.9 | 522.9 | 522.9 | 522.9 |
| 142.5° | 546.4 | 546.6 | 546.9 | 547.1 | 547.4 | 547.5 | 547.4 | 547.3 | 547.2 | 547.1 | 547.0 |
| 145°   | 568.7 | 569.2 | 569.7 | 570.2 | 570.7 | 571.0 | 571.1 | 571.2 | 571.3 | 571.4 | 571.5 |
| 147.5° | 591.5 | 592.1 | 592.8 | 593.4 | 594.1 | 594.4 | 594.3 | 594.2 | 594.1 | 593.9 | 593.8 |
| 150°   | 612.1 | 612.6 | 613.1 | 613.6 | 614.1 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 |
| 152.5° | 631.5 | 631.8 | 632.0 | 632.3 | 632.6 | 632.7 | 632.8 | 632.9 | 633.0 | 633.2 | 633.3 |
| 155°   | 651.5 | 651.5 | 651.5 | 651.5 | 651.5 | 651.5 | 651.4 | 651.3 | 651.2 | 651.1 | 651.0 |
| 157.5° | 668.7 | 668.4 | 668.2 | 667.9 | 667.6 | 667.5 | 667.5 | 667.5 | 667.5 | 667.5 | 667.5 |
| 160°   | 683.5 | 683.4 | 683.3 | 683.2 | 683.1 | 683.0 | 682.9 | 682.8 | 682.7 | 682.5 | 682.4 |
| 162.5° | 697.3 | 696.9 | 696.5 | 696.2 | 695.8 | 695.6 | 695.5 | 695.4 | 695.3 | 695.1 | 695.0 |
| 165°   | 709.3 | 708.9 | 708.5 | 708.2 | 707.8 | 707.6 | 707.5 | 707.2 | 706.9 | 706.7 | 706.4 |
| 167.5° | 719.0 | 718.5 | 718.0 | 717.5 | 717.0 | 716.7 | 716.7 | 716.7 | 716.7 | 716.7 | 716.7 |
| 170°   | 727.0 | 726.4 | 725.7 | 725.1 | 724.4 | 724.1 | 724.2 | 724.3 | 724.4 | 724.6 | 724.7 |
| 172.5° | 732.7 | 732.2 | 731.7 | 731.2 | 730.7 | 730.4 | 730.4 | 730.4 | 730.4 | 730.4 | 730.4 |
| 175°   | 737.8 | 737.2 | 736.6 | 735.9 | 735.3 | 735.0 | 734.9 | 734.8 | 734.7 | 734.5 | 734.4 |
| 177.5° | 740.1 | 739.5 | 738.9 | 738.2 | 737.6 | 737.3 | 737.3 | 737.3 | 737.3 | 737.3 | 737.3 |
| 180°   | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1732.9 | 1757.6 | 1768.6 | 1771.4 | 1786.5 | 1776.9 | 1781.0 | 1779.6 | 1790.6 | 1792.0 | 1792.0 |
| 5°     | 1859.3 | 1888.2 | 1897.8 | 1911.5 | 1932.1 | 1937.6 | 1933.5 | 1941.8 | 1956.9 | 1945.9 | 1962.4 |
| 7.5°   | 1992.6 | 2024.2 | 2046.2 | 2076.4 | 2083.3 | 2101.2 | 2112.2 | 2121.8 | 2124.5 | 2125.9 | 2128.7 |
| 10°    | 2116.3 | 2156.1 | 2186.4 | 2237.2 | 2248.2 | 2257.8 | 2305.9 | 2286.7 | 2311.4 | 2303.2 | 2305.9 |
| 12.5°  | 2216.6 | 2294.9 | 2319.7 | 2404.9 | 2413.1 | 2446.1 | 2443.4 | 2473.6 | 2479.1 | 2490.1 | 2479.1 |
| 15°    | 2348.5 | 2439.2 | 2479.1 | 2527.2 | 2554.7 | 2593.1 | 2600.0 | 2641.2 | 2657.7 | 2672.8 | 2657.7 |
| 17.5°  | 2469.5 | 2517.6 | 2619.3 | 2657.7 | 2675.6 | 2696.2 | 2748.4 | 2763.5 | 2788.3 | 2778.7 | 2806.1 |
| 20°    | 2529.9 | 2598.6 | 2705.8 | 2771.8 | 2799.3 | 2818.5 | 2862.5 | 2885.9 | 2895.5 | 2895.5 | 2898.2 |
| 22.5°  | 2583.5 | 2682.5 | 2762.2 | 2837.8 | 2862.5 | 2876.2 | 2902.3 | 2920.2 | 2924.3 | 2927.1 | 2929.8 |
| 25°    | 2631.6 | 2720.9 | 2785.5 | 2828.1 | 2837.8 | 2837.8 | 2852.9 | 2841.9 | 2824.0 | 2837.8 | 2846.0 |
| 27.5°  | 2631.6 | 2694.8 | 2723.7 | 2738.8 | 2738.8 | 2701.7 | 2679.7 | 2634.4 | 2595.9 | 2584.9 | 2609.6 |
| 30°    | 2587.6 | 2616.5 | 2576.7 | 2539.5 | 2510.7 | 2486.0 | 2399.4 | 2330.7 | 2316.9 | 2307.3 | 2344.4 |
| 32.5°  | 2486.0 | 2448.9 | 2370.5 | 2263.3 | 2220.7 | 2164.4 | 2097.1 | 2044.8 | 2013.2 | 2002.2 | 1994.0 |
| 35°    | 2305.9 | 2209.7 | 2108.0 | 1963.8 | 1933.5 | 1862.1 | 1770.0 | 1731.5 | 1679.3 | 1677.9 | 1695.8 |
| 37.5°  | 2109.4 | 1961.0 | 1851.1 | 1713.6 | 1671.0 | 1595.5 | 1508.9 | 1469.0 | 1433.3 | 1405.8 | 1438.8 |
| 40°    | 1879.9 | 1750.7 | 1583.1 | 1470.4 | 1409.9 | 1370.1 | 1297.3 | 1253.3 | 1236.8 | 1223.1 | 1243.7 |
| 42.5°  | 1665.5 | 1524.0 | 1393.5 | 1278.0 | 1228.5 | 1183.2 | 1135.1 | 1092.5 | 1080.1 | 1078.8 | 1093.9 |
| 45°    | 1452.5 | 1313.7 | 1192.8 | 1093.9 | 1062.3 | 1034.8 | 988.1  | 975.7  | 955.1  | 941.3  | 948.2  |
| 47.5°  | 1282.1 | 1139.2 | 1038.9 | 963.3  | 935.8  | 912.5  | 882.2  | 861.6  | 843.8  | 838.3  | 846.5  |
| 50°    | 1114.5 | 1018.3 | 915.2  | 852.0  | 831.4  | 809.4  | 786.1  | 766.8  | 758.6  | 753.1  | 758.6  |
| 52.5°  | 979.8  | 876.7  | 806.7  | 755.8  | 735.2  | 718.7  | 702.2  | 694.0  | 683.0  | 685.7  | 691.2  |
| 55°    | 858.9  | 768.2  | 709.1  | 672.0  | 659.6  | 652.8  | 632.1  | 622.5  | 618.4  | 615.6  | 618.4  |
| 57.5°  | 744.8  | 678.9  | 634.9  | 603.3  | 586.8  | 582.7  | 566.2  | 566.2  | 562.1  | 557.9  | 559.3  |
| 60°    | 654.1  | 597.8  | 555.2  | 530.4  | 527.7  | 520.8  | 509.8  | 508.5  | 498.8  | 503.0  | 504.3  |
| 62.5°  | 562.1  | 516.7  | 487.8  | 472.7  | 463.1  | 460.4  | 453.5  | 452.1  | 448.0  | 449.4  | 446.6  |
| 65°    | 489.2  | 452.1  | 423.3  | 410.9  | 406.8  | 405.4  | 399.9  | 395.8  | 393.0  | 395.8  | 393.0  |
| 67.5°  | 416.4  | 391.7  | 369.7  | 357.3  | 351.8  | 350.4  | 346.3  | 343.6  | 344.9  | 340.8  | 343.6  |
| 70°    | 347.7  | 322.9  | 309.2  | 302.3  | 299.6  | 295.5  | 295.5  | 295.5  | 295.5  | 292.7  | 291.3  |
| 72.5°  | 292.7  | 268.0  | 258.4  | 254.2  | 251.5  | 250.1  | 246.0  | 247.4  | 246.0  | 244.6  | 250.1  |
| 75°    | 232.2  | 217.1  | 207.5  | 203.4  | 206.1  | 202.0  | 197.9  | 200.6  | 196.5  | 197.9  | 203.4  |
| 77.5°  | 175.9  | 169.0  | 163.5  | 160.8  | 158.0  | 155.3  | 155.3  | 152.5  | 152.5  | 152.5  | 152.5  |
| 80°    | 127.8  | 126.4  | 116.8  | 115.4  | 115.4  | 112.7  | 112.7  | 112.7  | 112.7  | 111.3  | 112.7  |
| 82.5°  | 85.2   | 83.8   | 81.1   | 79.7   | 77.0   | 78.3   | 78.3   | 75.6   | 75.6   | 74.2   | 75.6   |
| 85°    | 49.5   | 49.5   | 46.7   | 45.3   | 44.0   | 45.3   | 42.6   | 41.2   | 42.6   | 41.2   | 42.6   |
| 87.5°  | 23.4   | 20.6   | 22.0   | 20.6   | 17.9   | 19.2   | 16.5   | 17.9   | 16.5   | 15.1   | 17.9   |
| 90°    | 13.4   | 14.1   | 14.9   | 15.6   | 16.0   | 16.1   | 16.4   | 16.6   | 16.9   | 17.1   | 16.9   |
| 92.5°  | 25.5   | 25.9   | 26.3   | 26.7   | 26.9   | 27.0   | 27.1   | 27.2   | 27.3   | 27.4   | 27.3   |
| 95°    | 43.8   | 44.2   | 44.6   | 45.0   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   |
| 97.5°  | 64.5   | 65.0   | 65.5   | 66.0   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   |
| 100°   | 87.7   | 87.9   | 88.2   | 88.5   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   |
| 102.5° | 111.8  | 112.2  | 112.6  | 113.0  | 113.2  | 113.3  | 113.4  | 113.5  | 113.6  | 113.7  | 113.6  |
| 105°   | 136.4  | 136.8  | 137.1  | 137.5  | 137.7  | 137.9  | 138.3  | 138.7  | 139.1  | 139.5  | 139.1  |
| 107.5° | 162.8  | 163.3  | 163.8  | 164.3  | 164.6  | 164.5  | 164.4  | 164.3  | 164.1  | 164.0  | 164.1  |
| 110°   | 190.1  | 189.8  | 189.6  | 189.3  | 189.2  | 189.4  | 189.8  | 190.1  | 190.5  | 190.9  | 190.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 |
| 115°   | 247.9 | 247.8 | 247.7 | 247.6 | 247.5 | 247.4 | 247.3 | 247.2 | 247.0 | 246.9 | 247.0 |
| 117.5° | 276.2 | 275.8 | 275.5 | 275.1 | 274.9 | 274.7 | 274.3 | 274.0 | 273.6 | 273.2 | 273.6 |
| 120°   | 305.2 | 304.5 | 303.9 | 303.2 | 302.9 | 303.0 | 303.3 | 303.6 | 303.8 | 304.1 | 303.8 |
| 122.5° | 333.9 | 333.5 | 333.2 | 332.8 | 332.6 | 332.3 | 331.7 | 331.0 | 330.4 | 329.8 | 330.4 |
| 125°   | 362.1 | 361.8 | 361.6 | 361.3 | 361.2 | 361.1 | 360.8 | 360.6 | 360.3 | 360.1 | 360.3 |
| 127.5° | 389.0 | 388.7 | 388.5 | 388.2 | 388.1 | 388.0 | 387.9 | 387.8 | 387.6 | 387.5 | 387.6 |
| 130°   | 417.5 | 417.3 | 417.0 | 416.7 | 416.6 | 416.4 | 415.9 | 415.4 | 414.9 | 414.4 | 414.9 |
| 132.5° | 444.4 | 444.2 | 443.9 | 443.6 | 443.5 | 443.4 | 443.3 | 443.2 | 443.0 | 442.9 | 443.0 |
| 135°   | 471.3 | 471.0 | 470.8 | 470.5 | 470.4 | 470.2 | 469.8 | 469.5 | 469.1 | 468.7 | 469.1 |
| 137.5° | 497.4 | 497.0 | 496.7 | 496.3 | 496.1 | 496.2 | 496.3 | 496.4 | 496.6 | 496.7 | 496.6 |
| 140°   | 522.8 | 522.7 | 522.6 | 522.5 | 522.4 | 522.3 | 522.2 | 522.1 | 521.9 | 521.8 | 521.9 |
| 142.5° | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 |
| 145°   | 571.4 | 571.3 | 571.2 | 571.1 | 571.0 | 570.8 | 570.4 | 570.0 | 569.6 | 569.2 | 569.6 |
| 147.5° | 593.7 | 593.5 | 593.4 | 593.3 | 593.2 | 593.1 | 593.0 | 592.9 | 592.8 | 592.7 | 592.8 |
| 150°   | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.3 | 614.2 | 614.1 | 613.9 | 613.8 | 613.9 |
| 152.5° | 633.7 | 634.1 | 634.4 | 634.8 | 635.0 | 634.8 | 634.4 | 634.1 | 633.7 | 633.3 | 633.7 |
| 155°   | 651.5 | 652.0 | 652.5 | 653.0 | 653.3 | 653.0 | 652.5 | 652.0 | 651.5 | 651.0 | 651.5 |
| 157.5° | 667.9 | 668.3 | 668.7 | 669.1 | 669.3 | 669.1 | 668.7 | 668.3 | 667.9 | 667.5 | 667.9 |
| 160°   | 682.8 | 683.2 | 683.5 | 683.9 | 684.1 | 683.8 | 683.2 | 682.5 | 681.9 | 681.3 | 681.9 |
| 162.5° | 695.8 | 696.5 | 697.3 | 698.0 | 698.4 | 698.1 | 697.5 | 696.8 | 696.2 | 695.6 | 696.2 |
| 165°   | 707.2 | 707.9 | 708.7 | 709.4 | 709.8 | 709.6 | 709.1 | 708.6 | 708.1 | 707.6 | 708.1 |
| 167.5° | 717.5 | 718.2 | 719.0 | 719.7 | 720.1 | 719.7 | 719.0 | 718.2 | 717.5 | 716.7 | 717.5 |
| 170°   | 725.5 | 726.2 | 727.0 | 727.7 | 728.1 | 727.7 | 726.8 | 725.9 | 725.0 | 724.1 | 725.0 |
| 172.5° | 731.3 | 732.2 | 733.1 | 734.0 | 734.4 | 734.0 | 733.1 | 732.2 | 731.3 | 730.4 | 731.3 |
| 175°   | 735.3 | 736.2 | 737.1 | 738.0 | 738.4 | 738.0 | 737.1 | 736.2 | 735.3 | 734.4 | 735.3 |
| 177.5° | 738.2 | 739.1 | 740.0 | 740.9 | 741.3 | 740.8 | 739.8 | 738.7 | 737.7 | 736.7 | 737.7 |
| 180°   | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 |

TEST NUMBER: P1024949

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1789.2 | 1785.1 | 1779.6 | 1779.6 | 1772.7 | 1772.7 | 1761.7 | 1742.5 | 1726.0 | 1720.5 | 1723.3 |
| 5°     | 1941.8 | 1943.1 | 1934.9 | 1928.0 | 1915.7 | 1906.0 | 1888.2 | 1853.8 | 1842.8 | 1820.8 | 1805.7 |
| 7.5°   | 2116.3 | 2110.8 | 2095.7 | 2084.7 | 2081.9 | 2059.9 | 2021.5 | 1980.2 | 1947.3 | 1925.3 | 1893.7 |
| 10°    | 2312.8 | 2290.8 | 2268.8 | 2262.0 | 2245.5 | 2208.4 | 2164.4 | 2119.0 | 2073.7 | 2025.6 | 1972.0 |
| 12.5°  | 2477.7 | 2435.1 | 2433.7 | 2417.2 | 2385.6 | 2365.0 | 2312.8 | 2248.2 | 2169.9 | 2116.3 | 2055.8 |
| 15°    | 2655.0 | 2615.1 | 2582.1 | 2551.9 | 2536.8 | 2476.3 | 2432.4 | 2351.3 | 2257.8 | 2200.1 | 2158.9 |
| 17.5°  | 2781.4 | 2763.5 | 2707.2 | 2693.5 | 2672.8 | 2602.8 | 2532.7 | 2453.0 | 2371.9 | 2290.8 | 2179.5 |
| 20°    | 2883.1 | 2872.1 | 2835.0 | 2815.8 | 2782.8 | 2727.8 | 2642.6 | 2550.5 | 2457.1 | 2341.7 | 2237.2 |
| 22.5°  | 2927.1 | 2913.3 | 2883.1 | 2866.6 | 2846.0 | 2799.3 | 2726.4 | 2622.0 | 2499.7 | 2396.6 | 2285.3 |
| 25°    | 2840.5 | 2865.2 | 2857.0 | 2850.1 | 2841.9 | 2814.4 | 2759.4 | 2667.4 | 2547.8 | 2431.0 | 2292.2 |
| 27.5°  | 2645.4 | 2688.0 | 2729.2 | 2734.7 | 2748.4 | 2759.4 | 2737.4 | 2671.5 | 2571.2 | 2447.5 | 2294.9 |
| 30°    | 2382.9 | 2402.1 | 2486.0 | 2510.7 | 2529.9 | 2600.0 | 2641.2 | 2624.8 | 2547.8 | 2436.5 | 2296.3 |
| 32.5°  | 2046.2 | 2097.1 | 2182.3 | 2241.3 | 2293.6 | 2371.9 | 2479.1 | 2521.7 | 2494.2 | 2403.5 | 2264.7 |
| 35°    | 1727.4 | 1787.9 | 1886.8 | 1962.4 | 2014.6 | 2125.9 | 2252.3 | 2344.4 | 2378.8 | 2333.4 | 2209.7 |
| 37.5°  | 1466.3 | 1539.1 | 1627.1 | 1655.9 | 1716.4 | 1853.8 | 2028.3 | 2156.1 | 2240.0 | 2244.1 | 2147.9 |
| 40°    | 1269.8 | 1306.9 | 1377.0 | 1420.9 | 1480.0 | 1595.5 | 1765.9 | 1934.9 | 2061.3 | 2103.9 | 2053.1 |
| 42.5°  | 1103.5 | 1132.4 | 1184.6 | 1238.2 | 1291.8 | 1379.7 | 1536.4 | 1694.4 | 1864.8 | 1950.0 | 1948.6 |
| 45°    | 971.6  | 1001.8 | 1037.5 | 1081.5 | 1118.6 | 1213.4 | 1337.1 | 1499.3 | 1646.3 | 1778.2 | 1811.2 |
| 47.5°  | 856.1  | 882.2  | 926.2  | 945.5  | 970.2  | 1059.5 | 1166.7 | 1317.9 | 1470.4 | 1621.6 | 1660.1 |
| 50°    | 770.9  | 792.9  | 823.2  | 835.5  | 863.0  | 929.0  | 1016.9 | 1139.2 | 1308.3 | 1447.0 | 1518.5 |
| 52.5°  | 694.0  | 710.5  | 733.8  | 743.5  | 762.7  | 812.2  | 891.9  | 988.1  | 1128.2 | 1271.1 | 1371.5 |
| 55°    | 628.0  | 639.0  | 655.5  | 666.5  | 680.2  | 724.2  | 783.3  | 869.9  | 990.8  | 1114.5 | 1212.1 |
| 57.5°  | 566.2  | 574.4  | 590.9  | 596.4  | 607.4  | 641.8  | 683.0  | 755.8  | 867.1  | 977.1  | 1071.9 |
| 60°    | 508.5  | 514.0  | 523.6  | 535.9  | 544.2  | 567.6  | 606.0  | 666.5  | 755.8  | 856.1  | 933.1  |
| 62.5°  | 453.5  | 461.7  | 464.5  | 470.0  | 476.9  | 498.8  | 529.1  | 573.0  | 651.4  | 733.8  | 814.9  |
| 65°    | 397.1  | 404.0  | 409.5  | 410.9  | 417.8  | 434.3  | 461.7  | 500.2  | 551.1  | 622.5  | 698.1  |
| 67.5°  | 344.9  | 349.1  | 351.8  | 357.3  | 364.2  | 372.4  | 394.4  | 423.3  | 470.0  | 527.7  | 588.2  |
| 70°    | 296.8  | 296.8  | 301.0  | 302.3  | 310.6  | 320.2  | 329.8  | 357.3  | 398.5  | 445.2  | 486.5  |
| 72.5°  | 244.6  | 251.5  | 250.1  | 257.0  | 255.6  | 262.5  | 274.8  | 292.7  | 322.9  | 360.0  | 399.9  |
| 75°    | 199.3  | 203.4  | 203.4  | 203.4  | 206.1  | 211.6  | 218.5  | 235.0  | 258.4  | 288.6  | 311.9  |
| 77.5°  | 155.3  | 158.0  | 158.0  | 158.0  | 159.4  | 164.9  | 171.8  | 182.8  | 199.3  | 217.1  | 230.9  |
| 80°    | 111.3  | 114.1  | 114.1  | 116.8  | 116.8  | 118.2  | 125.1  | 130.6  | 138.8  | 152.5  | 166.3  |
| 82.5°  | 75.6   | 77.0   | 79.7   | 79.7   | 78.3   | 81.1   | 82.5   | 87.9   | 96.2   | 98.9   | 108.6  |
| 85°    | 41.2   | 42.6   | 44.0   | 44.0   | 45.3   | 48.1   | 46.7   | 52.2   | 52.2   | 57.7   | 60.5   |
| 87.5°  | 16.5   | 19.2   | 19.2   | 17.9   | 19.2   | 19.2   | 19.2   | 22.0   | 23.4   | 24.7   | 23.4   |
| 90°    | 16.6   | 16.4   | 16.1   | 16.0   | 15.6   | 14.9   | 14.1   | 13.4   | 12.6   | 11.6   | 10.6   |
| 92.5°  | 27.2   | 27.1   | 27.0   | 26.9   | 26.7   | 26.3   | 25.9   | 25.5   | 25.1   | 24.5   | 23.9   |
| 95°    | 45.2   | 45.2   | 45.2   | 45.2   | 45.0   | 44.6   | 44.2   | 43.8   | 43.4   | 42.5   | 41.6   |
| 97.5°  | 66.3   | 66.3   | 66.3   | 66.3   | 66.0   | 65.5   | 65.0   | 64.5   | 64.0   | 63.0   | 62.0   |
| 100°   | 88.6   | 88.6   | 88.6   | 88.6   | 88.5   | 88.2   | 87.9   | 87.7   | 87.4   | 86.3   | 85.1   |
| 102.5° | 113.5  | 113.4  | 113.3  | 113.2  | 113.0  | 112.6  | 112.2  | 111.8  | 111.4  | 110.4  | 109.4  |
| 105°   | 138.7  | 138.3  | 137.9  | 137.7  | 137.5  | 137.1  | 136.8  | 136.4  | 136.0  | 135.5  | 135.0  |
| 107.5° | 164.3  | 164.4  | 164.5  | 164.6  | 164.3  | 163.8  | 163.3  | 162.8  | 162.3  | 162.2  | 162.0  |
| 110°   | 190.1  | 189.8  | 189.4  | 189.2  | 189.3  | 189.6  | 189.8  | 190.1  | 190.3  | 190.4  | 190.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 218.3 | 218.3 | 218.3 | 218.3  | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.6 | 218.8 |
| 115°   | 247.2 | 247.3 | 247.4 | 247.5  | 247.6 | 247.7 | 247.8 | 247.9 | 248.0 | 248.3 | 248.5 |
| 117.5° | 274.0 | 274.3 | 274.7 | 274.9  | 275.1 | 275.5 | 275.8 | 276.2 | 276.6 | 276.7 | 276.9 |
| 120°   | 303.6 | 303.3 | 303.0 | 302.9  | 303.2 | 303.9 | 304.5 | 305.2 | 305.8 | 306.2 | 306.6 |
| 122.5° | 331.0 | 331.7 | 332.3 | 332.6  | 332.8 | 333.2 | 333.5 | 333.9 | 334.3 | 334.4 | 334.6 |
| 125°   | 360.6 | 360.8 | 361.1 | 361.2  | 361.3 | 361.6 | 361.8 | 362.1 | 362.3 | 362.4 | 362.6 |
| 127.5° | 387.8 | 387.9 | 388.0 | 388.1  | 388.2 | 388.5 | 388.7 | 389.0 | 389.2 | 389.5 | 389.7 |
| 130°   | 415.4 | 415.9 | 416.4 | 416.6  | 416.7 | 417.0 | 417.3 | 417.5 | 417.8 | 417.8 | 417.8 |
| 132.5° | 443.2 | 443.3 | 443.4 | 443.5  | 443.6 | 443.9 | 444.2 | 444.4 | 444.7 | 444.8 | 444.9 |
| 135°   | 469.5 | 469.8 | 470.2 | 470.4  | 470.5 | 470.8 | 471.0 | 471.3 | 471.5 | 471.5 | 471.5 |
| 137.5° | 496.4 | 496.3 | 496.2 | 496.1  | 496.3 | 496.7 | 497.0 | 497.4 | 497.8 | 497.6 | 497.3 |
| 140°   | 522.1 | 522.2 | 522.3 | 522.4  | 522.5 | 522.6 | 522.7 | 522.8 | 522.9 | 522.9 | 522.9 |
| 142.5° | 547.0 | 547.0 | 547.0 | 547.0  | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.1 | 547.2 |
| 145°   | 570.0 | 570.4 | 570.8 | 571.0  | 571.1 | 571.2 | 571.3 | 571.4 | 571.5 | 571.4 | 571.3 |
| 147.5° | 592.9 | 593.0 | 593.1 | 593.2  | 593.3 | 593.4 | 593.5 | 593.7 | 593.8 | 593.9 | 594.1 |
| 150°   | 614.1 | 614.2 | 614.3 | 614.4  | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 |
| 152.5° | 634.1 | 634.4 | 634.8 | 635.0  | 634.8 | 634.4 | 634.1 | 633.7 | 633.3 | 633.2 | 633.0 |
| 155°   | 652.0 | 652.5 | 653.0 | 653.3  | 653.0 | 652.5 | 652.0 | 651.5 | 651.0 | 651.1 | 651.2 |
| 157.5° | 668.3 | 668.7 | 669.1 | 669.3  | 669.1 | 668.7 | 668.3 | 667.9 | 667.5 | 667.5 | 667.5 |
| 160°   | 682.5 | 683.2 | 683.8 | 684.1  | 683.9 | 683.5 | 683.2 | 682.8 | 682.4 | 682.5 | 682.7 |
| 162.5° | 696.8 | 697.5 | 698.1 | 698.4  | 698.0 | 697.3 | 696.5 | 695.8 | 695.0 | 695.1 | 695.3 |
| 165°   | 708.6 | 709.1 | 709.6 | 709.8  | 709.4 | 708.7 | 707.9 | 707.2 | 706.4 | 706.7 | 706.9 |
| 167.5° | 718.2 | 719.0 | 719.7 | 720.1  | 719.7 | 719.0 | 718.2 | 717.5 | 716.7 | 716.7 | 716.7 |
| 170°   | 725.9 | 726.8 | 727.7 | 728.1  | 727.7 | 727.0 | 726.2 | 725.5 | 724.7 | 724.6 | 724.4 |
| 172.5° | 732.2 | 733.1 | 734.0 | 734.4  | 734.0 | 733.1 | 732.2 | 731.3 | 730.4 | 730.4 | 730.4 |
| 175°   | 736.2 | 737.1 | 738.0 | 738.4  | 738.0 | 737.1 | 736.2 | 735.3 | 734.4 | 734.5 | 734.7 |
| 177.5° | 738.7 | 739.8 | 740.8 | 741.3  | 740.9 | 740.0 | 739.1 | 738.2 | 737.3 | 737.3 | 737.3 |
| 180°   | 739.0 | 739.0 | 739.0 | 739.0  | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1710.9 | 1705.4 | 1701.3 | 1701.3 | 1688.9 | 1676.5 | 1669.7 | 1666.9 | 1664.2 | 1653.2 | 1638.1 |
| 5°     | 1781.0 | 1763.1 | 1750.7 | 1738.4 | 1717.8 | 1695.8 | 1673.8 | 1661.4 | 1643.6 | 1618.8 | 1601.0 |
| 7.5°   | 1859.3 | 1816.7 | 1803.0 | 1787.9 | 1746.6 | 1709.5 | 1679.3 | 1653.2 | 1624.3 | 1592.7 | 1561.1 |
| 10°    | 1925.3 | 1879.9 | 1849.7 | 1823.6 | 1770.0 | 1720.5 | 1675.2 | 1636.7 | 1599.6 | 1558.4 | 1519.9 |
| 12.5°  | 1988.5 | 1923.9 | 1892.3 | 1853.8 | 1797.5 | 1726.0 | 1666.9 | 1618.8 | 1563.9 | 1521.3 | 1474.5 |
| 15°    | 2076.4 | 1967.9 | 1915.7 | 1890.9 | 1815.3 | 1731.5 | 1660.1 | 1588.6 | 1543.2 | 1478.7 | 1437.4 |
| 17.5°  | 2090.2 | 2002.2 | 1967.9 | 1904.7 | 1814.0 | 1719.1 | 1636.7 | 1565.2 | 1496.5 | 1438.8 | 1385.2 |
| 20°    | 2138.3 | 2022.8 | 1967.9 | 1928.0 | 1808.5 | 1712.3 | 1621.6 | 1529.5 | 1463.5 | 1401.7 | 1341.2 |
| 22.5°  | 2168.5 | 2038.0 | 1980.2 | 1917.0 | 1803.0 | 1687.5 | 1580.3 | 1500.6 | 1419.6 | 1356.3 | 1308.3 |
| 25°    | 2160.3 | 2029.7 | 1965.1 | 1906.0 | 1767.2 | 1651.8 | 1555.6 | 1453.9 | 1378.3 | 1309.6 | 1246.4 |
| 27.5°  | 2156.1 | 2009.1 | 1940.4 | 1874.4 | 1743.9 | 1622.9 | 1502.0 | 1419.6 | 1335.7 | 1256.0 | 1209.3 |
| 30°    | 2145.1 | 1983.0 | 1903.3 | 1831.8 | 1695.8 | 1569.4 | 1466.3 | 1370.1 | 1286.3 | 1213.4 | 1151.6 |
| 32.5°  | 2108.0 | 1939.0 | 1862.1 | 1785.1 | 1643.6 | 1517.1 | 1412.7 | 1323.4 | 1239.5 | 1164.0 | 1104.9 |
| 35°    | 2058.6 | 1886.8 | 1803.0 | 1721.9 | 1580.3 | 1452.5 | 1356.3 | 1262.9 | 1184.6 | 1111.7 | 1055.4 |
| 37.5°  | 2009.1 | 1826.3 | 1748.0 | 1654.6 | 1524.0 | 1390.7 | 1291.8 | 1207.9 | 1135.1 | 1059.5 | 997.7  |
| 40°    | 1937.6 | 1754.9 | 1668.3 | 1588.6 | 1436.1 | 1311.0 | 1220.3 | 1144.7 | 1073.3 | 1001.8 | 949.6  |
| 42.5°  | 1840.1 | 1676.5 | 1587.2 | 1499.3 | 1356.3 | 1232.7 | 1144.7 | 1077.4 | 1010.0 | 951.0  | 893.2  |
| 45°    | 1741.1 | 1581.7 | 1502.0 | 1423.7 | 1268.4 | 1151.6 | 1070.5 | 1008.7 | 952.3  | 887.7  | 841.0  |
| 47.5°  | 1621.6 | 1486.9 | 1407.2 | 1330.2 | 1183.2 | 1066.4 | 992.2  | 934.5  | 882.2  | 828.7  | 784.7  |
| 50°    | 1499.3 | 1382.5 | 1309.6 | 1229.9 | 1089.8 | 983.9  | 911.1  | 863.0  | 820.4  | 769.6  | 733.8  |
| 52.5°  | 1367.3 | 1265.7 | 1203.8 | 1126.9 | 1003.2 | 905.6  | 831.4  | 783.3  | 747.6  | 710.5  | 678.9  |
| 55°    | 1227.2 | 1153.0 | 1087.0 | 1025.2 | 908.4  | 820.4  | 754.4  | 711.8  | 687.1  | 652.8  | 625.3  |
| 57.5°  | 1100.7 | 1029.3 | 989.4  | 919.3  | 817.7  | 731.1  | 678.9  | 643.1  | 614.3  | 593.7  | 571.7  |
| 60°    | 968.8  | 911.1  | 867.1  | 816.3  | 727.0  | 654.1  | 599.2  | 578.5  | 548.3  | 533.2  | 523.6  |
| 62.5°  | 842.4  | 801.2  | 759.9  | 721.5  | 641.8  | 573.0  | 531.8  | 505.7  | 487.8  | 472.7  | 464.5  |
| 65°    | 722.8  | 684.4  | 655.5  | 621.1  | 555.2  | 500.2  | 461.7  | 441.1  | 423.3  | 419.1  | 409.5  |
| 67.5°  | 606.0  | 589.5  | 557.9  | 530.4  | 474.1  | 431.5  | 402.6  | 376.5  | 366.9  | 362.8  | 354.5  |
| 70°    | 507.1  | 487.8  | 463.1  | 439.7  | 397.1  | 360.0  | 333.9  | 324.3  | 310.6  | 309.2  | 299.6  |
| 72.5°  | 417.8  | 394.4  | 376.5  | 358.7  | 327.1  | 294.1  | 280.3  | 266.6  | 259.7  | 254.2  | 250.1  |
| 75°    | 331.2  | 314.7  | 302.3  | 287.2  | 259.7  | 237.7  | 218.5  | 213.0  | 208.9  | 207.5  | 204.8  |
| 77.5°  | 247.4  | 236.4  | 230.9  | 215.8  | 196.5  | 177.3  | 169.0  | 160.8  | 160.8  | 158.0  | 159.4  |
| 80°    | 175.9  | 169.0  | 162.2  | 153.9  | 137.4  | 129.2  | 122.3  | 116.8  | 114.1  | 112.7  | 114.1  |
| 82.5°  | 111.3  | 107.2  | 105.8  | 100.3  | 89.3   | 85.2   | 79.7   | 75.6   | 75.6   | 75.6   | 75.6   |
| 85°    | 61.8   | 61.8   | 61.8   | 53.6   | 49.5   | 45.3   | 42.6   | 41.2   | 41.2   | 41.2   | 42.6   |
| 87.5°  | 26.1   | 26.1   | 22.0   | 22.0   | 20.6   | 17.9   | 16.5   | 16.5   | 17.9   | 17.9   | 19.2   |
| 90°    | 9.5    | 8.5    | 8.0    | 7.3    | 5.9    | 4.5    | 3.1    | 1.7    | 3.1    | 4.5    | 5.9    |
| 92.5°  | 23.2   | 22.6   | 22.3   | 21.5   | 19.8   | 18.2   | 16.5   | 14.9   | 16.5   | 18.2   | 19.8   |
| 95°    | 40.7   | 39.8   | 39.4   | 38.8   | 37.7   | 36.6   | 35.4   | 34.3   | 35.4   | 36.6   | 37.7   |
| 97.5°  | 60.9   | 59.9   | 59.4   | 58.9   | 57.9   | 56.9   | 55.9   | 54.9   | 55.9   | 56.9   | 57.9   |
| 100°   | 84.0   | 82.9   | 82.3   | 82.0   | 81.5   | 81.0   | 80.5   | 80.0   | 80.5   | 81.0   | 81.5   |
| 102.5° | 108.4  | 107.4  | 106.9  | 106.8  | 106.7  | 106.6  | 106.4  | 106.3  | 106.4  | 106.6  | 106.7  |
| 105°   | 134.5  | 134.0  | 133.7  | 133.6  | 133.5  | 133.4  | 133.3  | 133.2  | 133.3  | 133.4  | 133.5  |
| 107.5° | 161.9  | 161.8  | 161.7  | 161.6  | 161.5  | 161.4  | 161.3  | 161.2  | 161.3  | 161.4  | 161.5  |
| 110°   | 190.7  | 190.8  | 190.9  | 190.8  | 190.5  | 190.2  | 190.0  | 189.7  | 190.0  | 190.2  | 190.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 219.1 | 219.4 | 219.5  | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 | 219.5 |
| 115°   | 248.8 | 249.1 | 249.2  | 249.2 | 249.2 | 249.2 | 249.2 | 249.2 | 249.2 | 249.2 | 249.2 |
| 117.5° | 277.0 | 277.1 | 277.2  | 277.2 | 277.2 | 277.2 | 277.2 | 277.2 | 277.2 | 277.2 | 277.2 |
| 120°   | 306.9 | 307.3 | 307.5  | 307.2 | 306.7 | 306.2 | 305.7 | 305.2 | 305.7 | 306.2 | 306.7 |
| 122.5° | 334.7 | 334.8 | 334.9  | 334.8 | 334.7 | 334.6 | 334.4 | 334.3 | 334.4 | 334.6 | 334.7 |
| 125°   | 362.7 | 362.8 | 362.9  | 362.9 | 362.9 | 362.9 | 362.9 | 362.9 | 362.9 | 362.9 | 362.9 |
| 127.5° | 390.0 | 390.3 | 390.4  | 390.2 | 389.8 | 389.4 | 389.0 | 388.6 | 389.0 | 389.4 | 389.8 |
| 130°   | 417.8 | 417.8 | 417.8  | 417.6 | 417.2 | 416.9 | 416.5 | 416.1 | 416.5 | 416.9 | 417.2 |
| 132.5° | 445.0 | 445.1 | 445.2  | 445.1 | 444.8 | 444.6 | 444.3 | 444.1 | 444.3 | 444.6 | 444.8 |
| 135°   | 471.5 | 471.5 | 471.5  | 471.1 | 470.4 | 469.6 | 468.9 | 468.1 | 468.9 | 469.6 | 470.4 |
| 137.5° | 497.1 | 496.8 | 496.7  | 496.5 | 496.1 | 495.7 | 495.3 | 494.9 | 495.3 | 495.7 | 496.1 |
| 140°   | 522.9 | 522.9 | 522.9  | 522.8 | 522.5 | 522.3 | 522.0 | 521.8 | 522.0 | 522.3 | 522.5 |
| 142.5° | 547.3 | 547.4 | 547.5  | 547.4 | 547.1 | 546.9 | 546.6 | 546.4 | 546.6 | 546.9 | 547.1 |
| 145°   | 571.2 | 571.1 | 571.0  | 570.7 | 570.2 | 569.7 | 569.2 | 568.7 | 569.2 | 569.7 | 570.2 |
| 147.5° | 594.2 | 594.3 | 594.4  | 594.1 | 593.4 | 592.8 | 592.1 | 591.5 | 592.1 | 592.8 | 593.4 |
| 150°   | 614.4 | 614.4 | 614.4  | 614.1 | 613.6 | 613.1 | 612.6 | 612.1 | 612.6 | 613.1 | 613.6 |
| 152.5° | 632.9 | 632.8 | 632.7  | 632.6 | 632.3 | 632.0 | 631.8 | 631.5 | 631.8 | 632.0 | 632.3 |
| 155°   | 651.3 | 651.4 | 651.5  | 651.5 | 651.5 | 651.5 | 651.5 | 651.5 | 651.5 | 651.5 | 651.5 |
| 157.5° | 667.5 | 667.5 | 667.5  | 667.6 | 667.9 | 668.2 | 668.4 | 668.7 | 668.4 | 668.2 | 667.9 |
| 160°   | 682.8 | 682.9 | 683.0  | 683.1 | 683.2 | 683.3 | 683.4 | 683.5 | 683.4 | 683.3 | 683.2 |
| 162.5° | 695.4 | 695.5 | 695.6  | 695.8 | 696.2 | 696.5 | 696.9 | 697.3 | 696.9 | 696.5 | 696.2 |
| 165°   | 707.2 | 707.5 | 707.6  | 707.8 | 708.2 | 708.5 | 708.9 | 709.3 | 708.9 | 708.5 | 708.2 |
| 167.5° | 716.7 | 716.7 | 716.7  | 717.0 | 717.5 | 718.0 | 718.5 | 719.0 | 718.5 | 718.0 | 717.5 |
| 170°   | 724.3 | 724.2 | 724.1  | 724.4 | 725.1 | 725.7 | 726.4 | 727.0 | 726.4 | 725.7 | 725.1 |
| 172.5° | 730.4 | 730.4 | 730.4  | 730.7 | 731.2 | 731.7 | 732.2 | 732.7 | 732.2 | 731.7 | 731.2 |
| 175°   | 734.8 | 734.9 | 735.0  | 735.3 | 735.9 | 736.6 | 737.2 | 737.8 | 737.2 | 736.6 | 735.9 |
| 177.5° | 737.3 | 737.3 | 737.3  | 737.6 | 738.2 | 738.9 | 739.5 | 740.1 | 739.5 | 738.9 | 738.2 |
| 180°   | 739.0 | 739.0 | 739.0  | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1633.9 | 1628.4 | 1631.2 | 1617.5 | 1605.1 | 1587.2 | 1572.1 | 1569.4 | 1566.6 | 1574.9 | 1569.4 |
| 5°     | 1587.2 | 1580.3 | 1573.5 | 1557.0 | 1532.2 | 1517.1 | 1495.1 | 1493.8 | 1485.5 | 1473.2 | 1475.9 |
| 7.5°   | 1536.4 | 1532.2 | 1522.6 | 1496.5 | 1474.5 | 1448.4 | 1430.6 | 1415.4 | 1408.6 | 1397.6 | 1393.5 |
| 10°    | 1495.1 | 1480.0 | 1471.8 | 1442.9 | 1416.8 | 1389.3 | 1366.0 | 1355.0 | 1342.6 | 1333.0 | 1326.1 |
| 12.5°  | 1438.8 | 1434.7 | 1411.3 | 1388.0 | 1366.0 | 1334.4 | 1316.5 | 1284.9 | 1268.4 | 1276.6 | 1273.9 |
| 15°    | 1401.7 | 1382.5 | 1377.0 | 1344.0 | 1306.9 | 1286.3 | 1253.3 | 1232.7 | 1225.8 | 1213.4 | 1198.3 |
| 17.5°  | 1352.2 | 1339.9 | 1320.6 | 1290.4 | 1247.8 | 1218.9 | 1195.6 | 1176.3 | 1168.1 | 1151.6 | 1139.2 |
| 20°    | 1305.5 | 1284.9 | 1269.8 | 1242.3 | 1201.1 | 1164.0 | 1135.1 | 1122.7 | 1102.1 | 1088.4 | 1081.5 |
| 22.5°  | 1262.9 | 1247.8 | 1225.8 | 1184.6 | 1148.8 | 1113.1 | 1078.8 | 1060.9 | 1041.7 | 1033.4 | 1022.4 |
| 25°    | 1210.7 | 1185.9 | 1170.8 | 1125.5 | 1087.0 | 1058.1 | 1026.5 | 1003.2 | 992.2  | 978.4  | 975.7  |
| 27.5°  | 1159.8 | 1136.5 | 1118.6 | 1078.8 | 1032.0 | 994.9  | 975.7  | 959.2  | 940.0  | 940.0  | 933.1  |
| 30°    | 1109.0 | 1092.5 | 1065.0 | 1026.5 | 982.6  | 946.8  | 924.8  | 909.7  | 902.9  | 897.4  | 896.0  |
| 32.5°  | 1058.1 | 1036.2 | 1019.7 | 967.4  | 934.5  | 901.5  | 885.0  | 872.6  | 864.4  | 863.0  | 864.4  |
| 35°    | 1005.9 | 981.2  | 964.7  | 918.0  | 885.0  | 854.8  | 847.9  | 836.9  | 832.8  | 831.4  | 838.3  |
| 37.5°  | 951.0  | 931.7  | 911.1  | 872.6  | 835.5  | 817.7  | 803.9  | 799.8  | 798.4  | 806.7  | 809.4  |
| 40°    | 900.1  | 883.6  | 864.4  | 823.2  | 795.7  | 776.4  | 769.6  | 765.4  | 770.9  | 779.2  | 783.3  |
| 42.5°  | 852.0  | 828.7  | 813.5  | 776.4  | 751.7  | 740.7  | 732.5  | 732.5  | 738.0  | 747.6  | 754.4  |
| 45°    | 801.2  | 783.3  | 768.2  | 735.2  | 713.2  | 700.8  | 699.5  | 700.8  | 707.7  | 714.6  | 722.8  |
| 47.5°  | 751.7  | 733.8  | 717.3  | 689.9  | 670.6  | 663.7  | 662.4  | 663.7  | 674.7  | 684.4  | 694.0  |
| 50°    | 706.3  | 687.1  | 672.0  | 645.9  | 630.8  | 622.5  | 623.9  | 630.8  | 639.0  | 652.8  | 665.1  |
| 52.5°  | 652.8  | 639.0  | 625.3  | 601.9  | 588.2  | 582.7  | 586.8  | 592.3  | 607.4  | 617.0  | 632.1  |
| 55°    | 600.5  | 588.2  | 577.2  | 559.3  | 548.3  | 544.2  | 546.9  | 555.2  | 567.6  | 584.0  | 601.9  |
| 57.5°  | 552.4  | 538.7  | 527.7  | 515.3  | 503.0  | 504.3  | 505.7  | 516.7  | 531.8  | 546.9  | 567.6  |
| 60°    | 498.8  | 490.6  | 481.0  | 465.9  | 460.4  | 460.4  | 464.5  | 476.9  | 490.6  | 515.3  | 533.2  |
| 62.5°  | 450.7  | 439.7  | 432.9  | 423.3  | 415.0  | 416.4  | 426.0  | 437.0  | 453.5  | 474.1  | 497.5  |
| 65°    | 401.3  | 388.9  | 383.4  | 375.2  | 372.4  | 373.8  | 380.7  | 397.1  | 415.0  | 432.9  | 454.9  |
| 67.5°  | 346.3  | 342.2  | 336.7  | 328.4  | 331.2  | 332.6  | 339.4  | 353.2  | 372.4  | 390.3  | 415.0  |
| 70°    | 299.6  | 291.3  | 290.0  | 283.1  | 283.1  | 287.2  | 301.0  | 310.6  | 328.4  | 347.7  | 373.8  |
| 72.5°  | 250.1  | 243.2  | 243.2  | 237.7  | 241.9  | 246.0  | 252.9  | 266.6  | 283.1  | 302.3  | 324.3  |
| 75°    | 199.3  | 196.5  | 199.3  | 196.5  | 196.5  | 203.4  | 211.6  | 222.6  | 240.5  | 261.1  | 279.0  |
| 77.5°  | 153.9  | 153.9  | 152.5  | 156.7  | 156.7  | 160.8  | 171.8  | 182.8  | 196.5  | 213.0  | 232.2  |
| 80°    | 112.7  | 112.7  | 112.7  | 116.8  | 120.9  | 120.9  | 127.8  | 141.5  | 153.9  | 164.9  | 182.8  |
| 82.5°  | 77.0   | 77.0   | 77.0   | 79.7   | 85.2   | 85.2   | 93.4   | 101.7  | 115.4  | 125.1  | 133.3  |
| 85°    | 46.7   | 46.7   | 45.3   | 48.1   | 49.5   | 53.6   | 60.5   | 66.0   | 72.8   | 81.1   | 89.3   |
| 87.5°  | 20.6   | 20.6   | 22.0   | 23.4   | 24.7   | 27.5   | 30.2   | 33.0   | 39.9   | 42.6   | 46.7   |
| 90°    | 7.3    | 8.0    | 8.5    | 9.5    | 10.6   | 11.6   | 12.6   | 13.4   | 14.1   | 14.9   | 15.6   |
| 92.5°  | 21.5   | 22.3   | 22.6   | 23.2   | 23.9   | 24.5   | 25.1   | 25.5   | 25.9   | 26.3   | 26.7   |
| 95°    | 38.8   | 39.4   | 39.8   | 40.7   | 41.6   | 42.5   | 43.4   | 43.8   | 44.2   | 44.6   | 45.0   |
| 97.5°  | 58.9   | 59.4   | 59.9   | 60.9   | 62.0   | 63.0   | 64.0   | 64.5   | 65.0   | 65.5   | 66.0   |
| 100°   | 82.0   | 82.3   | 82.9   | 84.0   | 85.1   | 86.3   | 87.4   | 87.7   | 87.9   | 88.2   | 88.5   |
| 102.5° | 106.8  | 106.9  | 107.4  | 108.4  | 109.4  | 110.4  | 111.4  | 111.8  | 112.2  | 112.6  | 113.0  |
| 105°   | 133.6  | 133.7  | 134.0  | 134.5  | 135.0  | 135.5  | 136.0  | 136.4  | 136.8  | 137.1  | 137.5  |
| 107.5° | 161.6  | 161.7  | 161.8  | 161.9  | 162.0  | 162.2  | 162.3  | 162.8  | 163.3  | 163.8  | 164.3  |
| 110°   | 190.8  | 190.9  | 190.8  | 190.7  | 190.6  | 190.4  | 190.3  | 190.1  | 189.8  | 189.6  | 189.3  |

TEST NUMBER: P1024949

CATALOG NUMBER: S124DIP-B1020D590UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 219.5 | 219.5  | 219.4 | 219.1 | 218.8 | 218.6 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 |
| 115°   | 249.2 | 249.2  | 249.1 | 248.8 | 248.5 | 248.3 | 248.0 | 247.9 | 247.8 | 247.7 | 247.6 |
| 117.5° | 277.2 | 277.2  | 277.1 | 277.0 | 276.9 | 276.7 | 276.6 | 276.2 | 275.8 | 275.5 | 275.1 |
| 120°   | 307.2 | 307.5  | 307.3 | 306.9 | 306.6 | 306.2 | 305.8 | 305.2 | 304.5 | 303.9 | 303.2 |
| 122.5° | 334.8 | 334.9  | 334.8 | 334.7 | 334.6 | 334.4 | 334.3 | 333.9 | 333.5 | 333.2 | 332.8 |
| 125°   | 362.9 | 362.9  | 362.8 | 362.7 | 362.6 | 362.4 | 362.3 | 362.1 | 361.8 | 361.6 | 361.3 |
| 127.5° | 390.2 | 390.4  | 390.3 | 390.0 | 389.7 | 389.5 | 389.2 | 389.0 | 388.7 | 388.5 | 388.2 |
| 130°   | 417.6 | 417.8  | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.5 | 417.3 | 417.0 | 416.7 |
| 132.5° | 445.1 | 445.2  | 445.1 | 445.0 | 444.9 | 444.8 | 444.7 | 444.4 | 444.2 | 443.9 | 443.6 |
| 135°   | 471.1 | 471.5  | 471.5 | 471.5 | 471.5 | 471.5 | 471.5 | 471.3 | 471.0 | 470.8 | 470.5 |
| 137.5° | 496.5 | 496.7  | 496.8 | 497.1 | 497.3 | 497.6 | 497.8 | 497.4 | 497.0 | 496.7 | 496.3 |
| 140°   | 522.8 | 522.9  | 522.9 | 522.9 | 522.9 | 522.9 | 522.9 | 522.8 | 522.7 | 522.6 | 522.5 |
| 142.5° | 547.4 | 547.5  | 547.4 | 547.3 | 547.2 | 547.1 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 |
| 145°   | 570.7 | 571.0  | 571.1 | 571.2 | 571.3 | 571.4 | 571.5 | 571.4 | 571.3 | 571.2 | 571.1 |
| 147.5° | 594.1 | 594.4  | 594.3 | 594.2 | 594.1 | 593.9 | 593.8 | 593.7 | 593.5 | 593.4 | 593.3 |
| 150°   | 614.1 | 614.4  | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 |
| 152.5° | 632.6 | 632.7  | 632.8 | 632.9 | 633.0 | 633.2 | 633.3 | 633.7 | 634.1 | 634.4 | 634.8 |
| 155°   | 651.5 | 651.5  | 651.4 | 651.3 | 651.2 | 651.1 | 651.0 | 651.5 | 652.0 | 652.5 | 653.0 |
| 157.5° | 667.6 | 667.5  | 667.5 | 667.5 | 667.5 | 667.5 | 667.5 | 667.9 | 668.3 | 668.7 | 669.1 |
| 160°   | 683.1 | 683.0  | 682.9 | 682.8 | 682.7 | 682.5 | 682.4 | 682.8 | 683.2 | 683.5 | 683.9 |
| 162.5° | 695.8 | 695.6  | 695.5 | 695.4 | 695.3 | 695.1 | 695.0 | 695.8 | 696.5 | 697.3 | 698.0 |
| 165°   | 707.8 | 707.6  | 707.5 | 707.2 | 706.9 | 706.7 | 706.4 | 707.2 | 707.9 | 708.7 | 709.4 |
| 167.5° | 717.0 | 716.7  | 716.7 | 716.7 | 716.7 | 716.7 | 716.7 | 717.5 | 718.2 | 719.0 | 719.7 |
| 170°   | 724.4 | 724.1  | 724.2 | 724.3 | 724.4 | 724.6 | 724.7 | 725.5 | 726.2 | 727.0 | 727.7 |
| 172.5° | 730.7 | 730.4  | 730.4 | 730.4 | 730.4 | 730.4 | 730.4 | 731.3 | 732.2 | 733.1 | 734.0 |
| 175°   | 735.3 | 735.0  | 734.9 | 734.8 | 734.7 | 734.5 | 734.4 | 735.3 | 736.2 | 737.1 | 738.0 |
| 177.5° | 737.6 | 737.3  | 737.3 | 737.3 | 737.3 | 737.3 | 737.3 | 738.2 | 739.1 | 740.0 | 740.9 |
| 180°   | 739.0 | 739.0  | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 |

TEST NUMBER: P1024949

CATALOG NUMBER: S124DIP-B1020D590UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1565.2 | 1563.9 | 1557.0 | 1559.7 | 1551.5 | 1554.2 | 1558.4 | 1559.7 | 1565.2 | 1561.1 | 1559.7 |
| 5°     | 1469.0 | 1466.3 | 1462.2 | 1458.0 | 1456.7 | 1462.2 | 1452.5 | 1455.3 | 1458.0 | 1462.2 | 1467.7 |
| 7.5°   | 1390.7 | 1389.3 | 1385.2 | 1378.3 | 1375.6 | 1372.8 | 1374.2 | 1383.8 | 1382.5 | 1381.1 | 1390.7 |
| 10°    | 1319.2 | 1320.6 | 1312.4 | 1311.0 | 1302.8 | 1301.4 | 1302.8 | 1305.5 | 1309.6 | 1315.1 | 1316.5 |
| 12.5°  | 1245.0 | 1262.9 | 1247.8 | 1242.3 | 1229.9 | 1236.8 | 1239.5 | 1227.2 | 1234.0 | 1238.2 | 1258.8 |
| 15°    | 1198.3 | 1190.1 | 1180.5 | 1180.5 | 1175.0 | 1172.2 | 1165.3 | 1175.0 | 1180.5 | 1188.7 | 1185.9 |
| 17.5°  | 1133.7 | 1120.0 | 1114.5 | 1109.0 | 1110.4 | 1115.9 | 1100.7 | 1122.7 | 1122.7 | 1126.9 | 1120.0 |
| 20°    | 1077.4 | 1066.4 | 1059.5 | 1056.8 | 1052.6 | 1049.9 | 1048.5 | 1054.0 | 1062.3 | 1065.0 | 1071.9 |
| 22.5°  | 1018.3 | 1018.3 | 1007.3 | 1003.2 | 1000.4 | 996.3  | 1003.2 | 999.1  | 1004.6 | 1010.0 | 1021.0 |
| 25°    | 968.8  | 968.8  | 964.7  | 959.2  | 955.1  | 952.3  | 956.5  | 955.1  | 959.2  | 966.1  | 968.8  |
| 27.5°  | 929.0  | 924.8  | 923.5  | 922.1  | 920.7  | 922.1  | 920.7  | 924.8  | 929.0  | 930.3  | 927.6  |
| 30°    | 894.6  | 890.5  | 891.9  | 891.9  | 893.2  | 891.9  | 890.5  | 894.6  | 896.0  | 893.2  | 894.6  |
| 32.5°  | 863.0  | 863.0  | 865.8  | 867.1  | 867.1  | 868.5  | 869.9  | 867.1  | 868.5  | 864.4  | 865.8  |
| 35°    | 836.9  | 839.6  | 842.4  | 843.8  | 845.1  | 843.8  | 846.5  | 845.1  | 842.4  | 839.6  | 838.3  |
| 37.5°  | 810.8  | 813.5  | 819.0  | 820.4  | 824.5  | 825.9  | 823.2  | 823.2  | 821.8  | 816.3  | 813.5  |
| 40°    | 783.3  | 786.1  | 792.9  | 797.0  | 799.8  | 803.9  | 801.2  | 801.2  | 795.7  | 790.2  | 786.1  |
| 42.5°  | 757.2  | 762.7  | 769.6  | 773.7  | 779.2  | 779.2  | 779.2  | 776.4  | 769.6  | 764.1  | 759.9  |
| 45°    | 731.1  | 732.5  | 742.1  | 748.9  | 754.4  | 754.4  | 754.4  | 750.3  | 746.2  | 735.2  | 729.7  |
| 47.5°  | 702.2  | 706.3  | 717.3  | 724.2  | 729.7  | 731.1  | 731.1  | 727.0  | 718.7  | 709.1  | 702.2  |
| 50°    | 670.6  | 677.5  | 689.9  | 699.5  | 706.3  | 709.1  | 705.0  | 702.2  | 692.6  | 681.6  | 673.4  |
| 52.5°  | 640.4  | 648.6  | 663.7  | 672.0  | 681.6  | 683.0  | 681.6  | 677.5  | 666.5  | 651.4  | 644.5  |
| 55°    | 610.2  | 617.0  | 633.5  | 647.3  | 655.5  | 658.2  | 655.5  | 648.6  | 634.9  | 619.8  | 612.9  |
| 57.5°  | 577.2  | 586.8  | 604.7  | 618.4  | 628.0  | 629.4  | 626.6  | 619.8  | 608.8  | 589.5  | 579.9  |
| 60°    | 542.8  | 555.2  | 573.0  | 586.8  | 599.2  | 600.5  | 597.8  | 588.2  | 574.4  | 555.2  | 546.9  |
| 62.5°  | 508.5  | 518.1  | 538.7  | 553.8  | 563.4  | 570.3  | 564.8  | 555.2  | 541.4  | 522.2  | 509.8  |
| 65°    | 468.6  | 482.3  | 500.2  | 514.0  | 525.0  | 526.3  | 523.6  | 515.3  | 500.2  | 479.6  | 470.0  |
| 67.5°  | 430.1  | 439.7  | 457.6  | 475.5  | 479.6  | 483.7  | 479.6  | 471.4  | 459.0  | 441.1  | 427.4  |
| 70°    | 383.4  | 391.7  | 413.6  | 426.0  | 431.5  | 435.6  | 432.9  | 424.6  | 413.6  | 397.1  | 386.2  |
| 72.5°  | 336.7  | 343.6  | 364.2  | 373.8  | 384.8  | 383.4  | 382.0  | 376.5  | 361.4  | 350.4  | 343.6  |
| 75°    | 287.2  | 295.5  | 309.2  | 321.6  | 325.7  | 325.7  | 325.7  | 321.6  | 311.9  | 294.1  | 287.2  |
| 77.5°  | 241.9  | 246.0  | 257.0  | 263.8  | 268.0  | 269.3  | 268.0  | 261.1  | 255.6  | 243.2  | 239.1  |
| 80°    | 185.5  | 196.5  | 204.8  | 206.1  | 211.6  | 211.6  | 211.6  | 208.9  | 203.4  | 191.0  | 189.6  |
| 82.5°  | 140.2  | 142.9  | 151.2  | 155.3  | 158.0  | 156.7  | 156.7  | 151.2  | 149.8  | 142.9  | 140.2  |
| 85°    | 94.8   | 98.9   | 97.6   | 103.1  | 104.4  | 101.7  | 101.7  | 104.4  | 97.6   | 98.9   | 94.8   |
| 87.5°  | 52.2   | 52.2   | 55.0   | 53.6   | 59.1   | 59.1   | 56.3   | 57.7   | 55.0   | 53.6   | 52.2   |
| 90°    | 16.0   | 16.1   | 16.4   | 16.6   | 16.9   | 17.1   | 16.9   | 16.6   | 16.4   | 16.1   | 16.0   |
| 92.5°  | 26.9   | 27.0   | 27.1   | 27.2   | 27.3   | 27.4   | 27.3   | 27.2   | 27.1   | 27.0   | 26.9   |
| 95°    | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   | 45.2   |
| 97.5°  | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   | 66.3   |
| 100°   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   | 88.6   |
| 102.5° | 113.2  | 113.3  | 113.4  | 113.5  | 113.6  | 113.7  | 113.6  | 113.5  | 113.4  | 113.3  | 113.2  |
| 105°   | 137.7  | 137.9  | 138.3  | 138.7  | 139.1  | 139.5  | 139.1  | 138.7  | 138.3  | 137.9  | 137.7  |
| 107.5° | 164.6  | 164.5  | 164.4  | 164.3  | 164.1  | 164.0  | 164.1  | 164.3  | 164.4  | 164.5  | 164.6  |
| 110°   | 189.2  | 189.4  | 189.8  | 190.1  | 190.5  | 190.9  | 190.5  | 190.1  | 189.8  | 189.4  | 189.2  |

TEST NUMBER: P1024949

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 218.3  | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.3  |
| 115°   | 247.5  | 247.4 | 247.3 | 247.2 | 247.0 | 246.9 | 247.0 | 247.2 | 247.3 | 247.4 | 247.5  |
| 117.5° | 274.9  | 274.7 | 274.3 | 274.0 | 273.6 | 273.2 | 273.6 | 274.0 | 274.3 | 274.7 | 274.9  |
| 120°   | 302.9  | 303.0 | 303.3 | 303.6 | 303.8 | 304.1 | 303.8 | 303.6 | 303.3 | 303.0 | 302.9  |
| 122.5° | 332.6  | 332.3 | 331.7 | 331.0 | 330.4 | 329.8 | 330.4 | 331.0 | 331.7 | 332.3 | 332.6  |
| 125°   | 361.2  | 361.1 | 360.8 | 360.6 | 360.3 | 360.1 | 360.3 | 360.6 | 360.8 | 361.1 | 361.2  |
| 127.5° | 388.1  | 388.0 | 387.9 | 387.8 | 387.6 | 387.5 | 387.6 | 387.8 | 387.9 | 388.0 | 388.1  |
| 130°   | 416.6  | 416.4 | 415.9 | 415.4 | 414.9 | 414.4 | 414.9 | 415.4 | 415.9 | 416.4 | 416.6  |
| 132.5° | 443.5  | 443.4 | 443.3 | 443.2 | 443.0 | 442.9 | 443.0 | 443.2 | 443.3 | 443.4 | 443.5  |
| 135°   | 470.4  | 470.2 | 469.8 | 469.5 | 469.1 | 468.7 | 469.1 | 469.5 | 469.8 | 470.2 | 470.4  |
| 137.5° | 496.1  | 496.2 | 496.3 | 496.4 | 496.6 | 496.7 | 496.6 | 496.4 | 496.3 | 496.2 | 496.1  |
| 140°   | 522.4  | 522.3 | 522.2 | 522.1 | 521.9 | 521.8 | 521.9 | 522.1 | 522.2 | 522.3 | 522.4  |
| 142.5° | 547.0  | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.0  |
| 145°   | 571.0  | 570.8 | 570.4 | 570.0 | 569.6 | 569.2 | 569.6 | 570.0 | 570.4 | 570.8 | 571.0  |
| 147.5° | 593.2  | 593.1 | 593.0 | 592.9 | 592.8 | 592.7 | 592.8 | 592.9 | 593.0 | 593.1 | 593.2  |
| 150°   | 614.4  | 614.3 | 614.2 | 614.1 | 613.9 | 613.8 | 613.9 | 614.1 | 614.2 | 614.3 | 614.4  |
| 152.5° | 635.0  | 634.8 | 634.4 | 634.1 | 633.7 | 633.3 | 633.7 | 634.1 | 634.4 | 634.8 | 635.0  |
| 155°   | 653.3  | 653.0 | 652.5 | 652.0 | 651.5 | 651.0 | 651.5 | 652.0 | 652.5 | 653.0 | 653.3  |
| 157.5° | 669.3  | 669.1 | 668.7 | 668.3 | 667.9 | 667.5 | 667.9 | 668.3 | 668.7 | 669.1 | 669.3  |
| 160°   | 684.1  | 683.8 | 683.2 | 682.5 | 681.9 | 681.3 | 681.9 | 682.5 | 683.2 | 683.8 | 684.1  |
| 162.5° | 698.4  | 698.1 | 697.5 | 696.8 | 696.2 | 695.6 | 696.2 | 696.8 | 697.5 | 698.1 | 698.4  |
| 165°   | 709.8  | 709.6 | 709.1 | 708.6 | 708.1 | 707.6 | 708.1 | 708.6 | 709.1 | 709.6 | 709.8  |
| 167.5° | 720.1  | 719.7 | 719.0 | 718.2 | 717.5 | 716.7 | 717.5 | 718.2 | 719.0 | 719.7 | 720.1  |
| 170°   | 728.1  | 727.7 | 726.8 | 725.9 | 725.0 | 724.1 | 725.0 | 725.9 | 726.8 | 727.7 | 728.1  |
| 172.5° | 734.4  | 734.0 | 733.1 | 732.2 | 731.3 | 730.4 | 731.3 | 732.2 | 733.1 | 734.0 | 734.4  |
| 175°   | 738.4  | 738.0 | 737.1 | 736.2 | 735.3 | 734.4 | 735.3 | 736.2 | 737.1 | 738.0 | 738.4  |
| 177.5° | 741.3  | 740.8 | 739.8 | 738.7 | 737.7 | 736.7 | 737.7 | 738.7 | 739.8 | 740.8 | 741.3  |
| 180°   | 739.0  | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0  |

TEST NUMBER: P1024949

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1559.7 | 1568.0 | 1559.7 | 1565.2 | 1568.0 | 1574.9 | 1577.6 | 1590.0 | 1594.1 | 1603.7 | 1603.7 |
| 5°     | 1466.3 | 1470.4 | 1471.8 | 1477.3 | 1482.8 | 1496.5 | 1506.1 | 1524.0 | 1544.6 | 1547.4 | 1559.7 |
| 7.5°   | 1390.7 | 1397.6 | 1408.6 | 1404.4 | 1414.1 | 1434.7 | 1447.0 | 1469.0 | 1489.6 | 1500.6 | 1515.8 |
| 10°    | 1323.4 | 1331.6 | 1335.7 | 1339.9 | 1357.7 | 1375.6 | 1394.8 | 1409.9 | 1437.4 | 1453.9 | 1466.3 |
| 12.5°  | 1268.4 | 1261.5 | 1269.8 | 1284.9 | 1305.5 | 1316.5 | 1342.6 | 1366.0 | 1386.6 | 1404.4 | 1415.4 |
| 15°    | 1196.9 | 1202.4 | 1210.7 | 1236.8 | 1242.3 | 1269.8 | 1279.4 | 1305.5 | 1344.0 | 1360.5 | 1374.2 |
| 17.5°  | 1128.2 | 1146.1 | 1162.6 | 1172.2 | 1188.7 | 1210.7 | 1238.2 | 1267.0 | 1291.8 | 1311.0 | 1327.5 |
| 20°    | 1073.3 | 1091.1 | 1100.7 | 1107.6 | 1124.1 | 1154.3 | 1180.5 | 1216.2 | 1247.8 | 1262.9 | 1284.9 |
| 22.5°  | 1029.3 | 1029.3 | 1043.0 | 1063.6 | 1073.3 | 1102.1 | 1124.1 | 1162.6 | 1196.9 | 1216.2 | 1236.8 |
| 25°    | 974.3  | 982.6  | 993.6  | 1011.4 | 1025.2 | 1048.5 | 1080.1 | 1113.1 | 1150.2 | 1166.7 | 1192.8 |
| 27.5°  | 929.0  | 938.6  | 953.7  | 957.8  | 971.6  | 992.2  | 1025.2 | 1060.9 | 1099.4 | 1117.2 | 1139.2 |
| 30°    | 894.6  | 900.1  | 905.6  | 913.9  | 926.2  | 944.1  | 971.6  | 1003.2 | 1049.9 | 1063.6 | 1091.1 |
| 32.5°  | 864.4  | 867.1  | 869.9  | 876.7  | 883.6  | 901.5  | 923.5  | 957.8  | 996.3  | 1016.9 | 1041.7 |
| 35°    | 836.9  | 834.1  | 835.5  | 839.6  | 846.5  | 853.4  | 876.7  | 905.6  | 941.3  | 966.1  | 985.3  |
| 37.5°  | 810.8  | 805.3  | 803.9  | 803.9  | 806.7  | 814.9  | 832.8  | 857.5  | 896.0  | 916.6  | 935.8  |
| 40°    | 781.9  | 776.4  | 773.7  | 772.3  | 770.9  | 776.4  | 790.2  | 814.9  | 845.1  | 864.4  | 886.4  |
| 42.5°  | 754.4  | 748.9  | 742.1  | 740.7  | 738.0  | 740.7  | 750.3  | 773.7  | 799.8  | 819.0  | 836.9  |
| 45°    | 727.0  | 717.3  | 709.1  | 703.6  | 705.0  | 700.8  | 707.7  | 725.6  | 755.8  | 768.2  | 786.1  |
| 47.5°  | 696.7  | 685.7  | 674.7  | 669.2  | 663.7  | 666.5  | 669.2  | 684.4  | 710.5  | 722.8  | 740.7  |
| 50°    | 667.9  | 652.8  | 640.4  | 633.5  | 629.4  | 626.6  | 629.4  | 644.5  | 663.7  | 674.7  | 689.9  |
| 52.5°  | 634.9  | 619.8  | 607.4  | 596.4  | 590.9  | 586.8  | 588.2  | 601.9  | 619.8  | 630.8  | 645.9  |
| 55°    | 604.7  | 585.4  | 568.9  | 555.2  | 551.1  | 549.7  | 548.3  | 557.9  | 573.0  | 584.0  | 596.4  |
| 57.5°  | 570.3  | 551.1  | 533.2  | 516.7  | 508.5  | 507.1  | 507.1  | 509.8  | 529.1  | 537.3  | 544.2  |
| 60°    | 535.9  | 515.3  | 496.1  | 481.0  | 468.6  | 464.5  | 463.1  | 468.6  | 478.2  | 486.5  | 496.1  |
| 62.5°  | 497.5  | 476.9  | 453.5  | 439.7  | 427.4  | 416.4  | 420.5  | 421.9  | 435.6  | 439.7  | 448.0  |
| 65°    | 460.4  | 437.0  | 417.8  | 395.8  | 382.0  | 375.2  | 372.4  | 375.2  | 386.2  | 387.5  | 393.0  |
| 67.5°  | 417.8  | 395.8  | 372.4  | 357.3  | 344.9  | 332.6  | 329.8  | 329.8  | 335.3  | 339.4  | 346.3  |
| 70°    | 376.5  | 354.5  | 328.4  | 311.9  | 299.6  | 288.6  | 284.5  | 283.1  | 287.2  | 290.0  | 296.8  |
| 72.5°  | 328.4  | 306.4  | 287.2  | 269.3  | 254.2  | 246.0  | 241.9  | 239.1  | 243.2  | 246.0  | 247.4  |
| 75°    | 277.6  | 259.7  | 240.5  | 222.6  | 213.0  | 204.8  | 199.3  | 195.1  | 197.9  | 197.9  | 197.9  |
| 77.5°  | 229.5  | 211.6  | 196.5  | 184.1  | 171.8  | 162.2  | 158.0  | 153.9  | 155.3  | 155.3  | 158.0  |
| 80°    | 178.6  | 166.3  | 153.9  | 142.9  | 131.9  | 123.7  | 120.9  | 116.8  | 114.1  | 112.7  | 112.7  |
| 82.5°  | 131.9  | 122.3  | 111.3  | 101.7  | 96.2   | 87.9   | 85.2   | 79.7   | 79.7   | 78.3   | 78.3   |
| 85°    | 87.9   | 82.5   | 71.5   | 64.6   | 60.5   | 56.3   | 53.6   | 50.8   | 46.7   | 46.7   | 45.3   |
| 87.5°  | 46.7   | 44.0   | 41.2   | 33.0   | 33.0   | 28.9   | 27.5   | 26.1   | 22.0   | 23.4   | 23.4   |
| 90°    | 15.6   | 14.9   | 14.1   | 13.4   | 12.6   | 11.6   | 10.6   | 9.5    | 8.5    | 8.0    | 7.3    |
| 92.5°  | 26.7   | 26.3   | 25.9   | 25.5   | 25.1   | 24.5   | 23.9   | 23.2   | 22.6   | 22.3   | 21.5   |
| 95°    | 45.0   | 44.6   | 44.2   | 43.8   | 43.4   | 42.5   | 41.6   | 40.7   | 39.8   | 39.4   | 38.8   |
| 97.5°  | 66.0   | 65.5   | 65.0   | 64.5   | 64.0   | 63.0   | 62.0   | 60.9   | 59.9   | 59.4   | 58.9   |
| 100°   | 88.5   | 88.2   | 87.9   | 87.7   | 87.4   | 86.3   | 85.1   | 84.0   | 82.9   | 82.3   | 82.0   |
| 102.5° | 113.0  | 112.6  | 112.2  | 111.8  | 111.4  | 110.4  | 109.4  | 108.4  | 107.4  | 106.9  | 106.8  |
| 105°   | 137.5  | 137.1  | 136.8  | 136.4  | 136.0  | 135.5  | 135.0  | 134.5  | 134.0  | 133.7  | 133.6  |
| 107.5° | 164.3  | 163.8  | 163.3  | 162.8  | 162.3  | 162.2  | 162.0  | 161.9  | 161.8  | 161.7  | 161.6  |
| 110°   | 189.3  | 189.6  | 189.8  | 190.1  | 190.3  | 190.4  | 190.6  | 190.7  | 190.8  | 190.9  | 190.8  |

TEST NUMBER: P1024949

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 218.3 | 218.3 | 218.3 | 218.3 | 218.3 | 218.6 | 218.8 | 219.1 | 219.4 | 219.5  | 219.5 |
| 115°   | 247.6 | 247.7 | 247.8 | 247.9 | 248.0 | 248.3 | 248.5 | 248.8 | 249.1 | 249.2  | 249.2 |
| 117.5° | 275.1 | 275.5 | 275.8 | 276.2 | 276.6 | 276.7 | 276.9 | 277.0 | 277.1 | 277.2  | 277.2 |
| 120°   | 303.2 | 303.9 | 304.5 | 305.2 | 305.8 | 306.2 | 306.6 | 306.9 | 307.3 | 307.5  | 307.2 |
| 122.5° | 332.8 | 333.2 | 333.5 | 333.9 | 334.3 | 334.4 | 334.6 | 334.7 | 334.8 | 334.9  | 334.8 |
| 125°   | 361.3 | 361.6 | 361.8 | 362.1 | 362.3 | 362.4 | 362.6 | 362.7 | 362.8 | 362.9  | 362.9 |
| 127.5° | 388.2 | 388.5 | 388.7 | 389.0 | 389.2 | 389.5 | 389.7 | 390.0 | 390.3 | 390.4  | 390.2 |
| 130°   | 416.7 | 417.0 | 417.3 | 417.5 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8 | 417.8  | 417.6 |
| 132.5° | 443.6 | 443.9 | 444.2 | 444.4 | 444.7 | 444.8 | 444.9 | 445.0 | 445.1 | 445.2  | 445.1 |
| 135°   | 470.5 | 470.8 | 471.0 | 471.3 | 471.5 | 471.5 | 471.5 | 471.5 | 471.5 | 471.5  | 471.1 |
| 137.5° | 496.3 | 496.7 | 497.0 | 497.4 | 497.8 | 497.6 | 497.3 | 497.1 | 496.8 | 496.7  | 496.5 |
| 140°   | 522.5 | 522.6 | 522.7 | 522.8 | 522.9 | 522.9 | 522.9 | 522.9 | 522.9 | 522.9  | 522.8 |
| 142.5° | 547.0 | 547.0 | 547.0 | 547.0 | 547.0 | 547.1 | 547.2 | 547.3 | 547.4 | 547.5  | 547.4 |
| 145°   | 571.1 | 571.2 | 571.3 | 571.4 | 571.5 | 571.4 | 571.3 | 571.2 | 571.1 | 571.0  | 570.7 |
| 147.5° | 593.3 | 593.4 | 593.5 | 593.7 | 593.8 | 593.9 | 594.1 | 594.2 | 594.3 | 594.4  | 594.1 |
| 150°   | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4 | 614.4  | 614.1 |
| 152.5° | 634.8 | 634.4 | 634.1 | 633.7 | 633.3 | 633.2 | 633.0 | 632.9 | 632.8 | 632.7  | 632.6 |
| 155°   | 653.0 | 652.5 | 652.0 | 651.5 | 651.0 | 651.1 | 651.2 | 651.3 | 651.4 | 651.5  | 651.5 |
| 157.5° | 669.1 | 668.7 | 668.3 | 667.9 | 667.5 | 667.5 | 667.5 | 667.5 | 667.5 | 667.5  | 667.6 |
| 160°   | 683.9 | 683.5 | 683.2 | 682.8 | 682.4 | 682.5 | 682.7 | 682.8 | 682.9 | 683.0  | 683.1 |
| 162.5° | 698.0 | 697.3 | 696.5 | 695.8 | 695.0 | 695.1 | 695.3 | 695.4 | 695.5 | 695.6  | 695.8 |
| 165°   | 709.4 | 708.7 | 707.9 | 707.2 | 706.4 | 706.7 | 706.9 | 707.2 | 707.5 | 707.6  | 707.8 |
| 167.5° | 719.7 | 719.0 | 718.2 | 717.5 | 716.7 | 716.7 | 716.7 | 716.7 | 716.7 | 716.7  | 717.0 |
| 170°   | 727.7 | 727.0 | 726.2 | 725.5 | 724.7 | 724.6 | 724.4 | 724.3 | 724.2 | 724.1  | 724.4 |
| 172.5° | 734.0 | 733.1 | 732.2 | 731.3 | 730.4 | 730.4 | 730.4 | 730.4 | 730.4 | 730.4  | 730.7 |
| 175°   | 738.0 | 737.1 | 736.2 | 735.3 | 734.4 | 734.5 | 734.7 | 734.8 | 734.9 | 735.0  | 735.3 |
| 177.5° | 740.9 | 740.0 | 739.1 | 738.2 | 737.3 | 737.3 | 737.3 | 737.3 | 737.3 | 737.3  | 737.6 |
| 180°   | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0 | 739.0  | 739.0 |

TEST NUMBER: P1024949

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1658.7 | 1658.7 | 1658.7 | 1658.7 |
| 2.5°   | 1613.3 | 1627.1 | 1639.4 | 1658.7 |
| 5°     | 1577.6 | 1596.8 | 1622.9 | 1651.8 |
| 7.5°   | 1536.4 | 1566.6 | 1601.0 | 1640.8 |
| 10°    | 1497.9 | 1532.2 | 1576.2 | 1624.3 |
| 12.5°  | 1458.0 | 1499.3 | 1547.4 | 1599.6 |
| 15°    | 1412.7 | 1453.9 | 1507.5 | 1577.6 |
| 17.5°  | 1371.5 | 1420.9 | 1478.7 | 1552.9 |
| 20°    | 1323.4 | 1370.1 | 1433.3 | 1518.5 |
| 22.5°  | 1280.8 | 1334.4 | 1404.4 | 1478.7 |
| 25°    | 1234.0 | 1280.8 | 1350.9 | 1440.2 |
| 27.5°  | 1187.3 | 1245.0 | 1312.4 | 1399.0 |
| 30°    | 1142.0 | 1190.1 | 1262.9 | 1353.6 |
| 32.5°  | 1092.5 | 1150.2 | 1217.6 | 1302.8 |
| 35°    | 1038.9 | 1093.9 | 1157.1 | 1249.2 |
| 37.5°  | 990.8  | 1044.4 | 1109.0 | 1190.1 |
| 40°    | 937.2  | 993.6  | 1052.6 | 1133.7 |
| 42.5°  | 885.0  | 935.8  | 994.9  | 1069.1 |
| 45°    | 834.1  | 878.1  | 931.7  | 996.3  |
| 47.5°  | 781.9  | 819.0  | 868.5  | 926.2  |
| 50°    | 725.6  | 765.4  | 802.5  | 850.6  |
| 52.5°  | 673.4  | 707.7  | 738.0  | 777.8  |
| 55°    | 622.5  | 645.9  | 670.6  | 700.8  |
| 57.5°  | 568.9  | 586.8  | 604.7  | 636.3  |
| 60°    | 515.3  | 531.8  | 541.4  | 562.1  |
| 62.5°  | 463.1  | 470.0  | 482.3  | 494.7  |
| 65°    | 405.4  | 415.0  | 421.9  | 437.0  |
| 67.5°  | 353.2  | 357.3  | 364.2  | 373.8  |
| 70°    | 298.2  | 307.8  | 310.6  | 317.4  |
| 72.5°  | 251.5  | 255.6  | 258.4  | 259.7  |
| 75°    | 199.3  | 203.4  | 206.1  | 214.4  |
| 77.5°  | 156.7  | 155.3  | 160.8  | 162.2  |
| 80°    | 115.4  | 111.3  | 112.7  | 118.2  |
| 82.5°  | 75.6   | 77.0   | 75.6   | 75.6   |
| 85°    | 46.7   | 45.3   | 42.6   | 44.0   |
| 87.5°  | 20.6   | 20.6   | 19.2   | 19.2   |
| 90°    | 5.9    | 4.5    | 3.1    | 1.7    |
| 92.5°  | 19.8   | 18.2   | 16.5   | 14.9   |
| 95°    | 37.7   | 36.6   | 35.4   | 34.3   |
| 97.5°  | 57.9   | 56.9   | 55.9   | 54.9   |
| 100°   | 81.5   | 81.0   | 80.5   | 80.0   |
| 102.5° | 106.7  | 106.6  | 106.4  | 106.3  |
| 105°   | 133.5  | 133.4  | 133.3  | 133.2  |
| 107.5° | 161.5  | 161.4  | 161.3  | 161.2  |
| 110°   | 190.5  | 190.2  | 190.0  | 189.7  |

TEST NUMBER: P1024949

CATALOG NUMBER: S124DIP-B1020D590UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 219.5 | 219.5 | 219.5 | 219.5 |
| 115°   | 249.2 | 249.2 | 249.2 | 249.2 |
| 117.5° | 277.2 | 277.2 | 277.2 | 277.2 |
| 120°   | 306.7 | 306.2 | 305.7 | 305.2 |
| 122.5° | 334.7 | 334.6 | 334.4 | 334.3 |
| 125°   | 362.9 | 362.9 | 362.9 | 362.9 |
| 127.5° | 389.8 | 389.4 | 389.0 | 388.6 |
| 130°   | 417.2 | 416.9 | 416.5 | 416.1 |
| 132.5° | 444.8 | 444.6 | 444.3 | 444.1 |
| 135°   | 470.4 | 469.6 | 468.9 | 468.1 |
| 137.5° | 496.1 | 495.7 | 495.3 | 494.9 |
| 140°   | 522.5 | 522.3 | 522.0 | 521.8 |
| 142.5° | 547.1 | 546.9 | 546.6 | 546.4 |
| 145°   | 570.2 | 569.7 | 569.2 | 568.7 |
| 147.5° | 593.4 | 592.8 | 592.1 | 591.5 |
| 150°   | 613.6 | 613.1 | 612.6 | 612.1 |
| 152.5° | 632.3 | 632.0 | 631.8 | 631.5 |
| 155°   | 651.5 | 651.5 | 651.5 | 651.5 |
| 157.5° | 667.9 | 668.2 | 668.4 | 668.7 |
| 160°   | 683.2 | 683.3 | 683.4 | 683.5 |
| 162.5° | 696.2 | 696.5 | 696.9 | 697.3 |
| 165°   | 708.2 | 708.5 | 708.9 | 709.3 |
| 167.5° | 717.5 | 718.0 | 718.5 | 719.0 |
| 170°   | 725.1 | 725.7 | 726.4 | 727.0 |
| 172.5° | 731.2 | 731.7 | 732.2 | 732.7 |
| 175°   | 735.9 | 736.6 | 737.2 | 737.8 |
| 177.5° | 738.2 | 738.9 | 739.5 | 740.1 |
| 180°   | 739.0 | 739.0 | 739.0 | 739.0 |

(END OF REPORT)